



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

PROJECT WORK ASSIGNMENT FOR FIRST TERM (2018-19)

Class I

Note:

1. All projects viz. English & Hindi Languages, English & Hindi Literature of one Term will be done in the same scrap copy.

English & Hindi Language

Aural projects (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. This questionnaire will then be pasted in the scrap copy. Marks will be accorded for right answers. The assessment will be of 20 marks.

English Literature

Reference: Poem: The Mulberry Bush – Pg 24

Q1. Write the names of the Days of the Week.

Q2. Make a table as follows: (refer Pg 25) and write jobs that we do all week. (wash our clothes, iron our clothes)

Day	Job
Monday	Wash our clothes
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

Q4. Make a calendar or paste a calendar for the month of May 2018.

Creativity	Relevance	Content	Presentation	Total
5	5	5	5	20

Marking Scheme :

Mathematics:

The Maths Lab Activity undertaken in First term (April - July) will be assessed as project work in Mathematics. Reference: Ch-1:Numbers - To recognize numbers and number name (Pg 44-45) and Ch-2 Addition- To understand addition of single digit.(Both projects will be done on the class)

Environment Studies:

All work done in Scrap Copy during the First Term (April-July) will be assessed as Project Work. Students must keep their work updated. Marks will be allocated from a total of 20.

Ch – 1 Introducing Myself - Make your own identity card in project copy – Refer pg 11, Ch- 2 My Body - Take a full big picture of yourself and paste in project copy. Make the parts of your body on it.

Marking Scheme :

Creativity	Relevance	Interest	Presentation	Total
5	5	5	5	20

Subject : Hindi Literature

1. किन्ही 10 अच्छी आदतों जैसे रोजनहानानाखूनकाटनाब्रशकरनाआदिकेनामलिखेतथाचित्र लगाएँ ।
2. गर्मीकी वृतुमें उपयोगलाई जानेवालीवस्तुएँजैसेकूलर ए सी खादयएंवपेयपदार्थ आदिकेनामलिखेतथाचित्र चिपकाए ।

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा	योग्यता	कुलयोग
5	5	5	5	20

Last date of submission of all projects is 09.07.2018



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

PROJECT WORK ASSIGNMENT FOR FIRST TERM (2018-19)

Class II

Note :

All projects viz. English & Hindi Languages, English & Hindi Literature of one Term will be done in the same scrap copy.

English & Hindi Language

Aural projects (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. This questionnaire will then be pasted in the scrap copy. Marks will be accorded for right answers. The assessment will be of 20 marks.

Subject : English Literature :

Reference : Poem – Rainbow

Q1. Write the poem “Rainbow” given in your book.

Q2. Draw a picture of a rainbow. Write a few sentences about it. Name all its colours.

Q3. Write words which rhyme with these words: Gun, boy, catch, try, hand, bit, pen, man , crow, eat.

Marking Scheme :

Creativity	Relevance	Content	Presentation	Total
5	5	5	5	20

Mathematics:

The Maths Lab Activity undertaken during the First term (April to July) will be evaluated as project work in Mathematics. Students must keep their work updated. Marks will be allocated from a total of 20.

Reference : Ch-1 : Numbers, Ch-2 Addition & Ch- 13 Patterns

Project 1: To represent 3 – digit number on abacus. (Pg 38)

Project 2 : To understand addition of 2-digit numbers.

OR

To make different patterns using vegetables.

(All project to be done in the class)

Environmental Studies

Reference :Ch- 7 : My Country

1. Paste the picture of national symbols of India (flower, animal, bird & flag) and write 4 sentences on each.
2. Do the following :
 - a. Paste a picture of the ‘Father of our Nation’ , present President and the Prime minister of our country.
 - b. Draw our National Flag and name its colours.
 - c. Write beautifully the first line of our Anthem.

Marking Scheme :

Preparation	Observation	Relevance	Presentation	Total
5	5	5	5	20

Subject : Hindi

1. वीरतापर एक कविता लिखो ।
2. वीरतापुरस्कार पानेवाले किसी एक वीर बालक की कहानी पढ़िए तथा लिखिए ।

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा	योग्यता	कुलयोग
5	5	5	5	20

Last date of submission of all projects is 09.07.2018



CHILDREN'S ACADEMY

Affiliated to the CISCE, New Delhi

Jaipur

PROJECT WORK ASSIGNMENT FOR FIRST TERM (2018-19)

Class III

Note :

2. All projects viz. English & Hindi Languages, English & Hindi Literature of one Term will be done in the same scrap copy.

English & Hindi Language

Aural projects (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. This questionnaire will then be pasted in the scrap copy. Marks will be accorded for right answers. The assessment will be of 20 marks.

English Literature

Aim : To develop aesthetic sense in the students

- Procedure:**
- Search a poem on the theme 'Friend' or 'Friendship'
 - Write down that poem in your scrap notebook.
 - Draw related pictures.
 - Write a composition in at least 10 lines on 'My Best Friend'.

Marking Scheme:

Research	Relevance	Content	Language	Presentation	Total
4	4	4	4	4	20

Mathematics:

Aim: To make students aware of different types of games & to encourage them to play indoor & outdoor games.

The Maths Lab Activity undertaken in First term (April to July) will be assessed under project work in Mathematics. Topics covered are Addition, Subtraction and Geometrical Shapes. Students must keep their work updated. Marks will be allocated from a total of 20.

Marking Scheme :

Preparation	Observation	Relevance	Presentation	Total
5	5	5	5	20

Social Studies

Reference – Ch- 4 : Work & play

Procedure:

1. Mention the names of any 5 Indoor Games. Write three lines on each in your project copy. Paste relevant pictures.
2. Mention the names of any 5 Outdoor Games .Write three lines on each in your project copy. Paste relevant pictures.
3. Write five sentences on **any one of** Adventure Sports as – Scuba Diving, River Rafting etc. Paste the relevant pictures.

Marking Scheme :

Research	Content	Presentation	Pictures	Total
5	5	5	5	20

Hindi Literature

उद्देश्य : अपने देश के बारे में जानकारी प्राप्त करना ।

- 1। भारत के किन्ही चार ऐतिहासिक इमारतों जैसे ताजमहल लालकिला आदि के बारे में जानकारी प्राप्त करके लिखें व चित्र चिपकाए ।
- 2। पंचतंत्र की किसी एक कहानी को सारांश में लिखें उसमें मिलने वाली शिक्षा लिखें तथा संबंधित चित्र भी लगाए ।

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा	योग्यता	कुलयोग
5	5	5	5	20

Science

Reference :Ch- 4 : Birds

Aim :To develop an understanding of the specific features of birds
Which help them to fly and their nesting habits.

Procedure : Q1. Make a birds' nest.

Material required : Paper plates, paper bowls, twigs feathers, fevicol, broom - sticks, clay

Q2. Draw a picture of any common Indian bird and label its parts of body in project copy.

Q3. What are migratory birds? Write names of any five migratory birds and paste relevant pictures.

Interest	Research	Creativity	Content	Presentation	Total
4	4	4	4	4	20

Marking Scheme:

NOTE: Last Date of submission 09.07.2018



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Jaipur

PROJECT WORK ASSIGNMENT FOR FIRST TERM (2018-19) Class IV

1. Note : All projects to be done in note books with coloured pages.

English & Hindi Language

Aural projects (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. This questionnaire will then be pasted in the scrap copy. Marks will be accorded for right answers. The assessment will be of 20 marks.

English Literature :

Poem : “ A Night In June”

Title : All about birds

Procedure:

1. Paste pictures of birds viz. peacock, penguin, parrot and eagle in a scrap copy.
2. Describe what they look like? Where have you seen these birds?
Where do they live?
3. Describe their features, food and noises they make.

Marking Scheme :

Interest	Research	Content	Pictures	Presentation	Total
4	4	4	4	4	20

Mathematics:

The Maths Lab Activity undertaken in First term (April to July) will be evaluated as project work in Mathematics. Topics covered are Number System, Addition and Roman Numerals. Students must keep their work updated. Marks will be allocated from a total of 20.

Marking Scheme :

Preparation	Observation	Relevance	Presentation	Total
5	5	5	5	20

Hindi Literature

प्रकरण : श्री द्वारिका प्रसाद माहेश्वरी : जीवनी परिचय संक्षिप्त व कविता
उपर्युक्त परियोजना के अंतर्गत निम्नलिखित बिंदुओं का समावेश किया जाएगा

- कवि का जीवन परिचय लिखो।
- इनके द्वारा रचित कोई भी दो कविता (जो पाठ्य पृष्ठों में न हो)
- आवश्यकता अनुसार चित्र भी चिपकाए।

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा	अभिव्यक्ति	कुलयोग
5	5	5	5	20

General

Science

Topic : Nutrients of food

Aims : Project will help students to understand various nutrients found in food & their importance for our body.

Procedure : Make a table as given below for each nutrients as shown in the example –

Name of nutrient	Group Name	Example of products	Use for the body
Protein	Body Building Food	Eggs, milk, meat	Growth and repair the body

1. Make the above given table for all the nutrients separately
2. Paste at least five pictures each of the products, in which specific nutrient is found.
3. The students will visit – Easy Day Mall, to see & identify all the nutritious food items.

Marking Scheme :

Research	Observation	Content	Presentation	Total
5	5	5	5	20

Social Studies

Topic :Modern Indian History

- A fancy dress activity will be organized in school. The students will dress up as the leaders of Modern History.
- They will learn dialogues & deliver accordingly.
- Characters will be decided by means of picking up lots.

Marking Scheme :

Research	Costume	Dialogue Delivery	Gesture & Expression	Total
5	5	5	5	20

NOTE: Last date of submission 09.07.2018



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PROJECT WORK ASSIGNMENT FOR FIRST TERM (2018-19)

Class V

Note : All projects to be done in note books with coloured pages.

English & Hindi Language

Aural projects (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. This questionnaire will then be pasted in the scrap copy. Marks will be accorded for right answers. The assessment will be of 20 marks.

English Literature :

Reference- Lesson – 1 : The world in a wall”

Title : Dangerous Animals -

Note: A power point presentation will be shown to the class.

Project Description :

1. Students will find out information about 5 animals that are dangerous
2. Description of external features and what makes them dangerous?
3. .Write about them their defence mechanism,

Marking Scheme :

Interest/ curiosity	Research	Understanding	Content	Presentation	Total
4	4	4	4	4	20

Mathematics:

The Maths Lab Activity undertaken in First term (April to July) will be evaluated as project work in Mathematics. Topics covered are Number System, Decimals and HCF & LCM. Students must keep their work updated. Marks will be allocated from a total of 20.

Marking Scheme :

Preparation	Observation	Relevance	Presentation	Total
5	5	5	5	20

General Science

Aim:

- Students must learn about Balance Diet and develop an understanding, of importance of a balance diet in our daily food.
- They must have an understanding of the difference between a balanced diet and junk food

Procedure:

1. Draw a plate having a balanced diet for a child of 10 years. Write the names of components placed on the plate.
2. Write the deficiency diseases caused by the following lack of Vitamin A, Vitamin B, Vitamin C, Vitamin D, Iron, Iodine & Protein. Write their symptoms and paste related pictures.
3. Find out the ways to detect the addition of adulterants in following food items:
 - a. Milk
 - b. Honey
 - c. Ghee

Marking Scheme :

Research	Understanding	Content	Relevance	Presentation	Total
4	4	4	4	4	20

Hindi Literature

प्रकरण : रवींद्रनाथ टैगोर : जीवनी

उपर्युक्त परियोजना के अंतर्गत निम्नलिखित बिंदुओं का समावेश किया जाएगा

- कवि का जीवन परिचय, शिक्षा, साहित्यिक विधाएँ, सामाजिक जीवन, निधन ।
- इनके द्वारा रचित कोई कविता (जो पाठ्य पृष्ठ में न हो)
- आवश्यकता अनुसार चित्र भी चिपकाएँ ।

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा शैली	अभिव्यक्ति	कुलयोग
5	5	5	5	20

Social Studies

Topic : Means of Transport - Metro Train

1. The students will be taken on a ride on the Metro Train.
2. The students will write a report on their experience of travelling in Metro train. They will touch upon the following points :
 - a. Stick a picture of Jaipur Metro Station
 - b. Cost of the ticket
 - c. Metro Stations falling on route
 - d. Speed of the train
 - e. Its capacity
 - f. Its temperature
 - g. Advantages / Disadvantages of a metro train
 - h. Paste more pictures.

Marking Scheme :

Research	Content	Pictures	Presentation	Total
5	5	5	5	20



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PROJECT WORK ASSIGNMENT FOR FIRST TERM (2018-19)

Class VI

Note :

1. All projects to be done in note books with coloured pages.
2. Last date of submission 09.07.2018

English & Hindi Language

Aural projects (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. This questionnaire will then be pasted in the scrap copy. Marks will be accorded for right answers. The assessment will be of 20 marks.

English Literature :

Topic :Rabindranath Tagore – The noble laureate

Aim : The aim of the project is make the students know about the great author, poet and the national writer.

Procedure : Students are expected to prepare a project on the guidelines given :

PART I

- ✓ Introduction of the poet – birth, family, occupation, notable works, notable awards, spouse, children & death
- ✓ Write any other poem of the poet (not from prescribed text book)

PART II

- 1) Learn the poem for recitation.
- 2) Paste relevant pictures.

Learning Outcome : At the completion of the project students will have vast knowledge about Th. Rabindranath Tagore. The project also aims at developing writing & speaking skills of the students

Marking Scheme :

Research	Content	Presentation	Recitation	Total
5	5	5	5	20

Mathematics:

The Maths Lab Activity undertaken in First term (April to July) will be evaluated as project work in Mathematics. Students must keep their work updated. Marks will be allocated from a total of 20.

Marking Scheme:

Idea	Process	Accuracy	Presentation	Analysis	Total
4	4	4	4	4	20

Science :Physics , Chemistry & Biology

1. Students will do practical work in school on regular basis and will mention those in their Lab Manuals.
2. Students will also draw diagrams and write questions.

Marking Scheme :

Process	Understanding	Content	Organization	Presentation	Total
4	4	4	4	4	20

History :-

Topic :The River valley Civilisations

Aim :The aim of this project is to highlight the main features of these great civilizations by putting up an exhibition on them.

Procedure :The students of the class will be divided into groups

- All the groups will have to prepare a presentation of on the topic given.
- The presentation will include a write up carrying detail information on the topic some artefacts related to that civilization and a narration.
- The groups will be based on
 - 1- Indus Valley Civilisation
 - 2- Chinese Civilisation
 - 3- Egyptian Civilisation
 - 4- Mesopotamia Civilization

Learning outcome :-

1. At the completion of the project, students will have vast information about the achievements of the civilisation
2. They will also learn to work as team and cooperate with each other.

Marking Scheme :

Research	Content	Preparation	Presentation	Total
5	5	5	5	20

Geography

Students will compile a project on “Endemic wildlife of Australia”. It should cover the following points :

1. Endemic flora – echidnas, kakea flower, eucalyptus.
2. Endemic fauna – Dingo, Red Kangaroo, Scrub bird, Lyrebird & Dugong
3. Difference between the endemic wildlife of Australia and of the other continents.
4. A note on great barrier reef and it’s rich aquatic flora and fauna.

Marking Scheme :

Creativity	Conclusion	Content	Presentation	Total
5	5	5	5	20

Subject : Hindi Literature

प्रकरण : हरिवंशरायवचन : जीवनी

उपर्युक्त परियोजनाके अंतर्गत निम्नलिखित बिंदुओं का समावेश किया जाएगा

- कविका जीवन परिचय, शिक्षा, साहित्यिक रचनाएँ, सामाजिक जीवन, निधन ।
- इनके द्वारा रचित कोई कविता (जो पाठ्य पुस्तक में न हो)
- आवश्यकता अनुसार चित्र भी चिपकाएँ ।

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा शैली	अभिव्यक्ति	कुलयोग
5	5	5	5	20



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PROJECT WORK ASSIGNMENT FOR FIRST TERM (2018-19)

Class VIII

Note :

1. All projects to be done in note books with coloured pages.
2. Last date of submission 09.07.2018

English & Hindi Language

An aural project (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. Marks will be accorded for right answers out of, a total of 20 marks.

English Literature

Topic :- Poem/Prose on Nature (Birds or Animals)

Aim :- The basic aim of the project is highlight some interesting facts about any Birds or Animal as you have read in the story of 'The Humming Bird that lived in Winter'. Paste relevant pictures.

Learning Outcomes :- At the end of the project, students will have share their findings in class and gain knowledge about some more birds /animals

Marking Scheme :

Research	Content	Relevance	Preparation	Presentation	Total
4	4	4	4	4	20

Mathematics:

The Maths Lab Activity undertaken in First term (April to July) will be evaluated as project work in Mathematics. Students must keep their work updated. Marks will be allocated from a total of 20.

Marking Scheme:

Idea	Process	Accuracy	Presentation	Analysis	Total
4	4	4	4	4	20

Science : Physics , Chemistry & Biology

1. Students will do practical in school on regular basis and will mention those in Practical Lab Manual.
2. Students will also draw diagrams and write questions.

Marking Scheme :

Process	Understanding	Content	Organisation	Presentation	Total
4	4	4	4	4	20

Subject : Geography

Topic : A study of the natural Wonder

Objective :The objective is to make the students have an insight into the geographical wonders of the world.

Procedure : The following wonders will be worked upon on the given specifications.

- a) Ayers Rock
- b) Yellow stone National Park
- c) Giant Red Wood Trees
- d) Grand Canyon of Colorado
- e) The great Barrier Reef

The students will find out the following on the above mentioned.

- a) Location
- b) Special features which have made them wonders.
- c) Steps which have been taken to conserve them
 - a. Relevant pictures and illustration have to be incorporated.
 - b. Project has to be made in the scrap note books.

Marking Scheme:

Preparation & Organization	Research	Inference	Skill & Presentation	Total
5	6	4	6	20

Subject: History – Civics

Project -1

Topic :Social Reformers of India

Objective :The objective of the project in to give an insight to students about the great reforms who helped to rid India of it is dogmatic practices.

Following reformers along with their contributions must be included in your write up:

- (i) Raja Ram Mohan Ray
- (ii) Eshwarchand Vidhya Sagar
- (iii) Dayanand Saraswati
- (iv) Swami Vivekananda
- (v) Sir Sayyed Ahmed Khan

- A brief history of their early life has to be charted
- The major contributions of the reformers must be documented
- Relevant Pictures and illustrations to included in the compiled work
- The project has to be made in the scrap copies provided.

Marking Scheme :

Relevance	Research	Content	Presentation	Total
5	5	5	5	20

Hindi Literature

प्रकरण : शिव मंगल सिंह सुमन

उपर्युक्त परियोजना के अन्तर्गत निम्नलिखित बिन्दुओं का समावेश किया जाएगा।

कार्य उद्देश्य : अपने विचारों को सही तरह से अभिव्यक्त करने की क्षमता को बढ़ाना।

- कल्पना शक्ति की वृद्धि के लिए प्रोत्साहित करना।
- अलग अलग सूत्रों से जानकारी प्राप्त करके उसे सही ढंग से सम्मिलित करने के लिए प्रेरित करना।

कार्य परिणाम : छात्रों को साहित्यकार के जीवन से अवगत कराना तथा निजी जीवन में उनके आदर्शों को अनुसरण करने हेतु प्रेरित करना।

1। कवि का जीवन परिचय जन्म स्थान पारिवारिक पृष्ठ भूमि आदि।

2। प्रमुख रचनाएँ, साहित्यिक जीवन का प्रारंभ आदि।

3। काव्यगत विशेषताएँ

4। भाषा शैली

5। उनके द्वारा रचित कोई एक कविता

6। आवश्यकतानुसार चित्र

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा शैली	अभिव्यक्ति	कुलयोग
5	5	5	5	20



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Jaipur-

PROJECT WORK ASSIGNMENT FOR FIRST TERM(2018-19)

Class VII

Note :

1. All projects to be done in note books with coloured pages.
2. Last date of submission 09.07.2018

Subject : English & Hindi Language

Aural projects (test of listening comprehension) will be held in the class itself. A passage or a story will be read out to the students three times. Students will then be provided with a questionnaire, which will be answered by students. This questionnaire will then be pasted in the scrap copy. Marks will be accorded for right answers. The assessment will be of 20 marks.

Subject : English Literature :

Topic : Children Literature

Aim : Expose to Children Literature

Procedure : Prepare your project by following the guidelines given :

1. Choose any two writers (one Indian and one foreign) of your choice from the given list Write about any two of their works (stories , novels) – summary
2. Learn any one of your writings for public speaking in the class.
3. Paste relevant pictures.

Learning Outcome : At the completion of the project students will have information about both Indian and foreign writers. They will also learn to comprehend their work.

Marking Scheme :

Research	Comprehension	Content	Presentation	Total
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5	5	5	5	20
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Mathematics:

The Maths Lab Activity undertaken in First term, will be evaluated as project work in Mathematics. Students must keep their work updated. Marks will be allocated from a total of 20.

Idea	Process	Accuracy	Presentation	Analysis	Total
4	4	4	4	4	20

Subject :Physics , Chemistry & Biology

1. Students will do practical in school on regular basis and will mention those in Practical Lab Manual.
2. Students will also draw diagrams and write questions.

Marking Scheme :

Process	Understanding	Content	Organisation	Presentation	Total
4	4	4	4	4	20

Subject : Geography

Topic : Visit to Planetarium

- To give an insight to students regarding early astronomical studies, ventures and discoveries, they' ll be taken to BM Birla planetarium.
- Students will compile a project concerning the following :
 - Life of early astronomers viz Galileo, Ptolemy, Aryabhata, Eratosthenese
 - A brief description of the early man made satellites sent by man will be given with photographic illustrations.
 - Students will briefly write their observation on the planetarium.

Marking Scheme:

Preparation & Organization	Research	Inference	Skill & Presentation	Total
4	6	4	6	20

Subject: History – Civics

Topic : World Religions

Aim: 1. To have developed an understanding of various religions found of in the world

2. To depict certain features of these religions in the form of an exhibition.

Procedure: - Students of the class will be divided into groups of 5-6 students.

- All the groups will prepare a presentation of the topic on A₃ size sheets.
- The presentation should include a write up giving information of the topics.
- Write up must include brief history of the founder of the religion (selected), place of worship their ideologies/practices, food & dress on religious festivals.
- Groups will exhibit food, festivals, places of worship pertaining to different religions (specified in advance)
- Groups will be divided on the basis of the following religions widely practised in the world:-
 - 1- Christianity
 - 2- Islam
 - 3- Hinduism
 - 4- Chinese religion
 - 5- Buddhism

Learning Outcome :-

- At the completion of the project, students will have vast information about the various religions.
- They learn to co-operate and work as team.
- They 'll try and exhibit the character of founders of the various religions.

Marking Scheme :

Written Work		Exhibition		Total
Research	Content	Preparation	Presentation	
5	5	5	5	20

Subject : Hindi

प्रकरण : महादेवी वर्मा द्वारा लिखी गई कोई एक लोक प्रिय कहानी और उससे प्राप्त संदेश लिखें।

आवश्यकता चित्र भी चिपकाएँ।

कार्य उद्देश्य : अपने विचारों को सही तरह से अभिव्यक्त करने की क्षमता को बढ़ाना

- कल्पना शक्ति की वृद्धि के लिए प्रोत्साहित करना।
- अलग-अलग सूत्रों से जानकारी प्राप्त करके उसे सही ढंग से सम्मिलित करने के लिए प्रेरित करना।

कार्य परिणाम

कार्य पूर्ति के बाद विद्यार्थी

1 दिए गए कथन पर अपने शब्दों में अपने विचारों को स्पष्ट रूप से लिख सकेंगे।

2 भाषा को सही रूप से व्यक्त कर सकेंगे।

Marking Scheme :

प्रस्तुतिकरण	विषयवस्तु	भाषा शैली	अभिव्यक्ति	कुलयोग
5	5	5	5	20



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

Project session-2018-19

Class – IX Science

English Literature :

1- **Reference :** Poem – The Heart of the tree by Henry Cuyler Bunner..

2- **Learning objectives :**

- To stimulate thinking skills in students.
- To develop the ability to express one's thoughts and opinions in one's own words.

3- **Learning outcomes –**

on completion of the assignment students should be able to :

- Improve their writing skills & vocabulary.
- Have a better understanding of the life and works of Henry Cuyler Bunner.

Methodology (Project) :

- Bring out the functions of trees under the following heads in 100 words each :
 - a) Regeneration in nature
 - b) Concern for the future generation
 - c) Provision of food and shelter

Write biography of Henry Cuyler Bunner. (200 words)

Touch upon the following points

- Life History
- Education
- Important work

Note : Paste relevant pictures wherever necessary.

Evaluation criteria :

Index & Topic	Content	Research	Presentation	Comprehension & vocabulary	Bibliography	Total
2	5	5	4	3	1	20

Project 2 :

1- **Reference** : Drama- The merchant of venice by Shakespeare.

2- Learning objectives

- To enhance the ability of students of expressing their ideas in clear and grammatically correct English
- To develop skills of critical thinking amongst students

3- **Learning outcomes**

On completion of the assignment students should be able to :

- Understand the theme & concept of drama
- Have a better understanding of the characters of the drama

4- **Methodology (Project)**

- Elaborate any three themes of the play. (100 words each)
- Write character sketch of – Portia, Antonio, Bassanio, Shylock, Jessica – (50 words each)

Note : Paste relevant pictures

Evaluation criteria :

Index & Topic	Content	Research	Over all Presentation	Comprehension & vocabulary	Bibliography	Total
2	5	5	4	3	1	20

विषय हिन्दी

प्रकरण –1 हरिश्चंद्र परसाई

उपर्युक्त परियोजना के अंतर्गत निम्नलिखित बिंदुओं के समावेश त किया
उद्देश्य- छात्रों को साहित्यकार के जीवन से अवगत कराना तथा निजी जीवन
उनके आदर्शों को अनुसरण करने हेतु प्रेरित करना।

- (i) कवि का जीवन – परिचय- जन्म, जन्म स्थान, पाठ्यक्रम आदि।
- (ii) प्रमुख रचनाएँ, साहित्यिक जीवन का पर्यटन, प्रमुख रचनाओं के नाम।
- (iii) काव्यगत- विशेषताएँ
- (iv) भाषा – शैली
- (v) उनके द्वारा चित्र कहे गए कवि
- (vi) आवश्यक तानसुत्र चित्र कवि, कविता
अंक – निर्घण्ट

विषय वस्तु	भाषा –	अभिव्यक्ति	शब्दावली	प्रस्तुति	योग
4	4	4	4	4	20

शिक्षण-बोध- साहित्यक आरोके जीवन -गाथा से प्रेरित होकर छात्रोंमें साहित्य के प्रति रुचि जागृत होगी। जिससे वे अपनी लक्ष्य निर्धारित कर सकेंगे।

द्वितीय सत्रावधि परियोजना कार्य:-
हिन्दी भाषा-

श्रवण व भावाभिव्यक्ति कला

- श्रवण कला-पारस्परिक वार्तालाप का एक स्वरूप दिया जाएगा। एक दल में छात्रोंकी चुनने होंगी। शिक्षक-शिष्य का अधिकतम दस मिनट तक चयनित विषय के सम्बन्ध में अपना प्रकट कर सकें।
- 'शांति के लिए युद्ध आवश्यक है' वर्तमान में इस पंक्ति के पक्ष्याविपक्ष मत कसमत् मत प्रस्तुत कर सकें।

अंक निर्धारण

विषय वस्तु	भावाभिव्यक्ति	संचन साहसंग	शब्दावली साहसंगठन	शब्दावली मुहावरे	मौलिक नवेन भावन	योग
4	4	4	4	4	4	20

History Project : 1

Topic : The Harappan and the Mesopotamian Civilisation A Comparison.

Aim : The aim of the project is to draw a comparison between these civilisations in order to find out development in the various fields

Procedure :- The students are expected to prepare a detail project by following the guide lines given :-

- 1- Prepare a content page containing all sub- topics
- 2- Make a comparison between the civilisations on the basis of their sources, extent society, various developments and their decline.
- 3- Pictorial Presentation of the projects is must.

Outcome :- At the completion of the project, students will have vast information about the civilisations and their developments

Marking Scheme

Content	Research	Relevance	Presentation	Total
5	5	5	5	20

Project : 2

Fundamental Duties complements Fundamental Rights

Aim : The aim of this project is to find out how fundamental Duties complement Fundamental rights.

Procedure : The students are required to make a presentation (power point) to show how fundamental Duties go hand in hand with Fundamental rights by giving examples

Marking Schemes :

Content	Relevance	Analysis	Presentation	Total
5	5	5	5	20

Geography :-

Project :- 1

TOPIC : Global environmental issues- an insight

- Students will be required to compile a project report on the following issues pertaining to environment on given lines :-
 - (a) Pollution of water bodies and its import
 - (b) Global warming as an outcome of greenhouse effect
 - (c) Vast scale deforestation and its, detrimental impact.
 - (d) Increasing vehicular pollution and its” impact
 - (e) Desertification of extensive areas across the globe along with the impact associated
- Along with the comes and detrimental impact associated, students will also suggest measures that are being taken to curbe the menace.
- Relevant data, graphics, pritnes and illustrations need to be incorporated.
- Project work has to be done in scrap note book available in the school store (as far as possible)

Marking Scheme

Preparation and Organisation	Research	Inference	Skill in presentation	Total
04	06	04	06	20

Project : 2

Topic : Water as an agent of denudation

- Students will reflect of the role of water as the sculptor of earth’s surface with its denudational activities/ and depositional work
- Students will focus on the three courses of a river and the Various landforms of denudation formed by it.
 - (a) Upper course – Valleys (V shaped/ I- shaped) waterfalls and rapids. Cascades, alluvial fans.
Middle course – Flood plain, Ox bow lakes, levee ridges, meanders.
 - Lower course – Delta and estuary.

- Relevant data, pictures, illustrations should be incorporated in the project.

Marking Scheme

Preparation and Organisation	Research	Inference	Skill in presentation	Total
04	06	04	06	20

Mathematics :

Project -1

Topic : Mid Point and perpendicular bisector of a line segment

Object : To Find the mid-point of a line segment and **the Perpendicular bisector of a line segment by using paper folding.**

Prerequisite Knowledge

Definition of Mid point and perpendicular bisector.

Mid point – A point which divides the line segment in to two equal parts is known as a midpoint of a line segment

Perpendicular bisector- A line which is perpendicular to the given line segment and divides it in to two equal parts is known as perpendicular bisector of the line segment

Materials Required –

Tracing papers, Geometry box, a pair of scissors :

Procedure – Take a square sheet of tracing paper and draw a line segment PQ of desired length as in the fig.

P _____ Q

2. Fold this sheet along the middle in such a way that point P falls on point Q. as in fig.

P _____ Q

3. Press the paper properly, so that crease is obtained. Unfold the paper and draw dotted line over the crease. Name it A B. M is point of intersection.

M

P _____ Q

Observation : This point M is Mid point of line PQ and crease obtained is perpendicular bisector of PQ

Marking Scheme

Preparation	Presentation	Calculation	Observation	Total
5	5	5	5	20

Project: 2

Objective – Make a power point presentation on development of irrational numbers from their origin (Note: you may write an article also)

Skill required- Knowledge of natural numbers, whole numbers, integers, rational and information numbers.

- Ability to search the net/other reference sources for relevant information
- Ability to make a PPT/write an article

Material Required

- 1- Sheet of paper, Pencil, Colour Pencil etc
- 2- Access to computer, Printer, Scanner, net etc
- 3- Reference Material :

Method : Make an outline (use the guidelines given below)

2- Collect all relevant information/ facts, definitions, historical facts, diagrams, pictures etc.

3. Check if all the information is correct.

4. Put all information in correct order

5. Now make PPT/ Write an article.

Guidelines :

- 1- Contribution of Pythagoras (He is regarded as man who discovered irrational numbers.
- 2- Contribution of Indian mathematician
- 3- Contribution of Theodorus of Cyrene
- 4- Status of number $\sqrt{2}$
- 5- Lambert and Legendre (Proved $\sqrt{2}$ is irrational)

Conclusion :

Students have understood the need of irrational numbers and traced its development

Support required

Text book, Access to library, Internet

Economics : Project 1

Prepare a project report on “for Human capital formation in India” on the basis of following :

- 1- Introduction and meaning of human capital formation
- 2- Advantage and disadvantage of large population

- 3- Role of human capital
- 4- Components of human capital
- 5- Improvement in human capital

Learning objective :

- To create an awareness about the term Human capital.
- To enhance students knowledge about human capital formation process.
- To develop an understanding of importance of education's health in Human capital formation.
- To develop presentation skills

Methodology :

- Discuss the topics related to human capital formation
- Explain the purpose of the assignment
- Encourage students to discuss their Queries
- Explain the evaluation criteria

Learning outcomes :

On completion of the assignment students should be able to :

- Have relevant information about human capital and its importance in economic development.
- Know the various components of human capital formation
- Know the measures used by the government to improve the quality of human capital

Marking scheme

Preparation	Inference	Research	Presentation	Total
5	5	5	5	20

Project- 2

Economics/ Eco-Application

Prepare a project report on “Types of economics “on the basis of following :

- 1- Classification of economics on the basis of
 - Nature
 - Ownership of means of production
 - Level of development
- 2- Meaning, features, merits, demerits & solution of :
 - Capitalistic Economy
 - Socialistic economy
 - Mixed economy

Learning objective:

- To develop an understanding towards different types of economics.

- To create an awareness about the system followed by different countries of the world.
- To know the features of different types of economics.

Methodology :

- Discuss the topic of the assignment in class.
- Encourage all students to participate through active question answer session.
- Discuss the criteria of evaluation with students.
- Ask students to list references and sources used.

Learning outcomes : on completing the assignment, the students should be able to :

- Understand the classification of economics on the basis of nature ownership of means of production & level of development.
- Know the types of economics followed in different countries.
- Understand the features merit & demerits of different types of economics

Marking Scheme

Prreparation	Inference	Research	Presentation	Total
5	5	5	5	20

Eco App.

Project 1

Topic : “Multiplication’ of human wants lead to the economic problem of choice.” Prepare project report with the help of a production possibility curve on the basis of following :

- Economic problem
- Causes of economic problem
- Basic Economic problem
- production possibility curve
- Economic growth and economic development

Learning objectives :

- To development a sound base in the subject of economics
- To graphically represent data with the production possibility curve
- To develop the ability to correlate the problem of choice with PPC
- To improve skills in planning and organizing of ideas by developing and concluding the topic

Methodology :

- Discuss the assignment with students
- Encourage discussions through graphic presentations
- Explain the criteria of evaluation
- Enquire about the progress of assignment periodically.

Learning outcomes :

On completions of the assignment students should be able to:

- Understand basic issues of economics and its problems.
- Perceive the concept of unlimited wants and limited resources .
- Identify with the concept of the PPC
- Present their research material in an organized manner

Marking scheme

Preperation	Inference	Research	Presentation	Total
5	5	5	5	20

Home Science

Project : 1

Topic : Family (A unit of Society)

Objectives :

- To make the students learn and understand the concept of family.
- To make the students learn and understand the characteristics, types and functions of family.
- To make the students learn and understand the position of child in a family.

Methodology : Student will be required to prepare a brief paper presentation on.....

- Types of family, characteristics of family, position of child in a family and socialization.
- The students have to prepare a brief note on community and role of family in the development of the child.

Learning outcome : After completion of the project the students should have clear knowledge about the types of family, functions of family and characteristics of a family.

- And a deep knowledge and understanding o role of a family and society in development of a child.

Sources : → Internet

→ Newspaper

→ Library

Marking Scheme

Content	Presentation	Innovation	Research	Total
1	2.5	1	2.5	7

Project -2

Topic : Food and Health

Objective: To make the students understand the importance of food and its function.

- To understand the relationship between food and health
- To learn the concept of ‘ Balanced Diet.’
- To understand the functions of nutrients, food sources and deficiency diseases.
- To learn the basic food groups and their functions.

Methodology : Students will be required to prepare a brief paper presentation on.....

- Importance of food and its function and explaining the relationship between food and health.
- Food sources, deficiency diseases and functions of nutrients
- A systematic presentation of different basic food groups and their functions.

Learning outcome : After the completion of the project the students should have clear knowledge about the importance and functions of food.

- Functions of nutrients, food sources and deficiency diseases.
- The basic knowledge of balanced diet and relationship between food and health.
- The students should also learn the basic food groups and their function.

Sources : → Internet

→ Newspaper

→ Library

Marking Scheme

Content	Presentation	Innovation	Research	Total
1	2.5	1	2.5	7

Physical Education

DEFINE FOLLOWING BY GRAPH& PICTURE

CRICKET ASSINGMENT

1. cricket history (50 word)
2. latest general rules of cricket
 - a. players
 - (b) substitutes
 - (c) boundaries
 - (d) follow on
 - (e) over
 - (f) batsman getting out

3. Rules Related to twenty-20 match
4. Measurement of playfield and specification of sports equipments
5. Fundamental skills of cricket

A. Batting skill

1. Grip (2) Stance (3) Forward defence stroke
- (4) Backward defence stroke (5) Cover drive
- (6) On drive (7) Straight drive (8) Pull
- (9) Hook (10) . Sweep shot

B. Bowling skill

1. Fast bowling- in swing, out swing, off cutter, leg cutter
2. Spin bowling- off break, leg break, top spin, googly

C. Fielding skill

1. Stopping and throwing
2. Catching- high catches, low catches

6. Terminologies related to cricket

- (1) Dolly catch (2) Maiden over (3) Hit wicket
- (4) Maiden over (5) Gully (6) Setter
- (7) Duck (8) Golden a duck (9) Dead ball
- (10) Bouncer (11) Free hit (12) Stricker and non stricker
- (13) Hat-trick (14) Seam (15) No ball& its types

SOLVE ALL QUESTIONS

1. Specific Exercises of Warm-up and Conditioning
In cricket game.
2. Explain State the duties of an umpire and referee before start & during a cricket match.
3. Draw a neat cricket ground and indication all correct point of fielding.

Support required

Text book, Access to library, Internet

VOLLEY BALL

DEFINE FOLLOWING BY GRAPH& PICTURE

1. History of volleyball (50 word)
2. Basic general rules of volleyball
 - (a) Playing area (b) Team (c) Scoring
 - (d) Rotation (e) Substitution & its rules
 - (f) Time out (g) The ball (h) Libero
 - (g)

3. Measurement of playfield and specification of sports equipments with net & antenna
4. Fundamental skill of volleyball
 - (a) Service
 - (1) Underhand service (2) Tennis service (3) Spin service
 - (4) Floated service (5) Round arm service
 - (6) Jump service
 - (b) Passing
 - (1) Underhand pass (2) Overhand pass
 - (c) Spiking and smashing
 - (1) Single spike (2) Complex spike
 - (d) Blocking
 - (1) One men block (2) Two men block (3) Three men block

SOLVED ALL QUESTIONS

Q1. What is duties of referee, assistance referee and line mans?

Q2. List & explain any ten faults which a player is likely commit during a game of volleyball.

Support required

Text book, Access to library, Internet

Subject: Commercial studies

Project -1

Topic: Partnership Deed

Learning Objective

1. To provide theoretical knowledge about Partnership
2. To teach students how a partnership is formed.
3. To encourage students how to make a partnership Deed

Learning outcomes :

1. Students will understand about partnership.
2. They will be able to make partnership Deed .

Methodology :

Students will consider themselves as partners & agree to carry on business for their mutual benefit. This will make partnership Deed mentioning the following details :

1. Name of the firm.
2. The principal place of business
3. The names of other places where the firm carries the business
4. The names & addresses of all the partners
5. The amount of capital contributed
6. The ratio in which profits will be shared.
- 7.

Marks Allocation

Content	Research	Relevance	Overall presentation	Total
5	5	5	5	20

Project : 2

Topic : Functions of Banks

Learning objectives

- To provide basic understanding of banks
- To make students understand about the basic function of banks
- To provide fundamental knowledge about deposits of bank
- To provide knowledge about the types of banks.

Methodology :

Students will understand the meaning of banks , make a note on the types of bank
 Functions of banks , types of bank accounts

Learning Outcomes :

1. Students will be able to understand the meaning & types of banks
2. They will understand the functions performed by bank

Marking scheme

Comment	Research	Relevance	Overall presentation	Total
5	5	5	5	20



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

Project session-2018-19

Class – IX Commerce

English Literature :

3- **Reference :** Poem – The Heart of the tree by Henry Cuyler Bunner..

4- **Learning objectives :**

- To stimulate thinking skills in students.
- To develop the ability to express one's thoughts to and opinions in one's own words.

3- **Learning outcomes –**

on completion of the assignment students should be able to :

- Improve their writing skills & vocabulary.
- Have a better understanding of the life and works of Henry Cuyler Bunner.

Methodology (Project) :

- Bring out the functions of trees under the following heads in 100 words each :
 - a) Regeneration in nature
 - b) Concern for the future generation
 - c) Provision of food and shelter

Write biography of Henry Cuyler Bunner. (200 words)

Touch upon the following points

- Life History
- Education
- Important work

Note : Paste relevant pictures wherever necessary.

Evaluation criteria :

Index & Topic	Content	Research	Presentation	Comprehension & vocabulary	Bibliography	Total
2	5	5	4	3	1	20

Project 2 :

5- **Reference** : Drama- The merchant of venice by Shakespeare.

6- Learning objectives

- To enhance the ability of students of expressing their ideas in clear and grammatically correct English
- To develop skills of critical thinking amongst students

7- **Learning outcomes**

On completion of the assignment students should be able to :

- Understand the theme & concept of drama
- Have a better understanding of the characters of the drama

8- **Methodology (Project)**

- Elaborate any three themes of the play. (100 words each)
- Write character sketch of – Portia, Antonio, Bassanio, Shylock, Jessica – (50 words each)

Note : Paste relevant pictures

Evaluation criteria :

Index & Topic	Content	Research	Over all Presentation	Comprehension & vocabulary	Bibliography	Total
2	5	5	4	3	1	20

विषय हिन्दी

प्रकरण –1 चरित्र कर परसाई

उपर्युक्त परियोजना के अंतर्गत निम्नलिखित बिंदुओं के समावेशित किया
उद्देश्य- छात्रों को साहित्यकार के जीवन से अवगत कराना तथा निजी जीवन
उन्के आदर्शों को अनुसरण करने हेतु प्रेरित करना।

- कवि का जीवन –परिचय- जन्म, जन्म स्थान, पारिवारिक पृष्ठभूमि
- प्रमुख रचनाएँ, साहित्यिक जीवन का प्रसंग, प्रमुख रचनाओं के नाम
- का व्यंग्य-विशेष
- भाषा-शैली रचि
- उनके द्वारा चित्र कहे गए कर्कश
- अवश्यकतानुसार चित्र कवि, कविता
अंक –निर्घोष

विषय वस्तु	भाषा-शैली	भक्ति-यक्ति	शब्दावली	प्रस्तुति	योग
4	4	4	4	4	20

शिक्षण-बोध- साहित्यकारोंके जीवन -गाथा से प्रेरित होकर र छ मेस साहित्य के प्रति रुचि जागृत होगी । जिस से वे अपना लक्ष्य निर्धारित कर सकेंगे।

द्वितीय सत्रावधि परियोजना कार्य:-
हिन्दी भाषा-

श्रवण व भावाभिव्यक्ति कला

- श्रवण कला-पारस्परिक वार्तालाप का एक प्रकार दिया जाएगा। एक दल में छात्रोंकी चुनने होंगी। शिक्षक-शिष्य का अधिकतम दोमिनट तक चयनित विषय के सन्दर्भमें अपना प्रकाश करें।
- 'शांति के लिए युद्ध आवश्यक है' वर्तमान में इस पंक्ति के पक्ष या विपक्ष में तर्क सम्मत मत प्रस्तुत करें।

अंक निर्धारण

विषय वस्तु	भावाभिव्यक्ति	संचन सह संग	शब्दावली सह संगठन	शब्दावली मुावरे	मौलिक न वेद भावन	योग
4	4	4	4	4	4	20

History Project : 1

Topic : The Harappan and the Mesopotamian Civilisation A Comparison.

Aim : The aim of the project is to draw a comparison between these civilisations in order to find out development in the various fields

Procedure :- The students are expected to prepare a detail project by following the guide lines given :-

- 4- Prepare a content page containing all sub- topics
- 5- Make a comparison between the civilisations on the basis of their sources, extent society, various developments and their decline.
- 6- Pictorial Presentation of the projects is must.

Outcome :- At the completion of the project, students will have vast information about the civilisations and their developments

Marking Scheme

Content	Research	Relevance	Presentation	Total
5	5	5	5	20

Project : 2

Fundamental Duties complements Fundamental Rights

Aim : The aim of this project is to find out how fundamental Duties complement Fundamental rights.

Procedure : The students are required to make a presentation (power point) to show how fundamental Duties go hand in hand with Fundamental rights by giving examples

Marking Schemes :

Content	Relevance	Analysis	Presentation	Total
5	5	5	5	20

Geography :-

Project :- 1

TOPIC : Global environmental issues- an insight

- Students will be required to compile a project report on the following issues pertaining to environment on given lines :-
 - (f) Pollution of water bodies and its impact
 - (g) Global warming as an outcome of greenhouse effect
 - (h) Vast scale deforestation and its, detrimental impact.
 - (i) Increasing vehicular pollution and its” impact
 - (j) Desertification of extensive areas across the globe along with the impact associated
- Along with the causes and detrimental impact associated, students will also suggest measures that are being taken to curb the menace.
- Relevant data, graphics, pictures and illustrations need to be incorporated.
- Project work has to be done in scrap note book available in the school store (as far as possible)

Marking Scheme

Preparation and Organisation	Research	Inference	Skill in presentation	Total
04	06	04	06	20

Project : 2

Topic : Water as an agent of denudation

- Students will reflect of the role of water as the sculptor of earth’s surface with its denudational activities/ and depositional work
- Students will focus on the three courses of a river and the Various landforms of denudation formed by it.
 - (b) Upper course – Valleys (V shaped/ I- shaped) waterfalls and rapids. Cascades, alluvial fans.

Middle course – Flood plain, Ox bow lakes, levee ridges, meanders.

Lower course – Delta and estuary.

- Relevant data, pictures, illustrations should be incorporated in the project.

Marking Scheme

Preparation and Organisation	Research	Inference	Skill in presentation	Total
04	06	04	06	20

Mathematics :

Project -1

Topic : Mid Point and perpendicular bisector of a line segment

Object : To Find the mid-point of a line segment and **the Perpendicular bisector of a line segment by using paper folding.**

Prerequisite Knowledge

Definition of Mid point and perpendicular bisector.

Mid point – A point which divides the line segment in to two equal parts is known as a midpoint of a line segment

Perpendicular bisector- A line which is perpendicular to the given line segment and divides it in to two equal parts is known as perpendicular bisector of the line segment

Materials Required –

Tracing papers, Geometry box, a pair of scissors :

Procedure – Take a square sheet of tracing paper and draw a line segment PQ of desired length as in the fig.

P _____ Q

2. Fold this sheet along the middle in such a way that point P falls on point Q. as in fig.

P _____ Q

3. Press the paper properly, so that crease is obtained. Unfold the paper and draw dotted line over the crease. Name it A B. M is point of intersection.

M
P _____ Q

Observation : This point M is Mid point of line PQ and crease obtained is perpendicular bisector of PQ

Marking Scheme

Preparation	Presentation	Calculation	Observation	Total
5	5	5	5	20

Project: 2

Objective – Make a power point presentation on development of irrational numbers from their origin (Note: you maywrite an article also)

Skill required- Knowledge of natural numbers, whole numbers, integers, rational and information numbers.

- Ability to search the net/other reference sources for relevant inform action
- Ability to make a PPT/write an article

Material Required

- 4- Sheet of paper, Pencil, Colour Pencil etc
- 5- Access to computer, Printer, Scanner, net etc
- 6- Reference Material :

Method : Make an outline (use the guidelines given below)

- 2- Collect all relevant information/ fail, definitions, historical facts, diagrams, pictures etc.
3. Check if all the information is correct.
4. Put all information in correct order
5. Now make PPT/ Write an article.

Guidelines :

- 6- Contribution of Pythagoras (He is regarded as man who discovered irrational numbers.
- 7- Contribution of Indian mathematician
- 8- Contribution of Theodorus of Cyrene
- 9- Status of number $\sqrt{2}$
- 10- Lambert and Legendre (Proved $\sqrt{2}$ is irrational)

Conclusion :

Students have understood the need obligational numbers and traced its development

Support required

Text book, Access to library, Internet

Economics : Project 1

Prepare a project report on “for Human capital formation in India” on the basis of following :

- 6- Introduction and meaning of human capital formation

- 7- Advantage and disadvantage of large population
- 8- Role of human capital
- 9- Components of human capital
- 10- Improvement in human capital

Learning objective :

- To create an awareness about the term Human capital.
- To enhance students knowledge about human capital formation process.
- To develop an understanding of importance of educations health in Human capital formation.
- To develop presentation skills

Methodology :

- Discuss the topics related to human capital formation
- Explain the purpose of the assignment
- Encourage students to discuss their Queries
- Explain the evaluation criteria

Learning outcomes :

On completion of the assignment students should be able to :

- Have relevant information about human capital and its importance in economic development.
- Know the various components of human capital formation
- Know the measures used by the government to improve the quality of human capital

Marking scheme

Preparation	Inference	Research	Presentation	Total
5	5	5	5	20

Project- 2

Economics/ Eco-Application

Prepare a project report on “Types of economics “on the basis of following :

3- Classification of economics on the basis of

- Nature
- Ownership of means of production
- Level of development

4- Meaning, features, merits, demerits & sloution of :

- Capitalistic Economy
- Socialistic economy
- Mired economy

Learning objective:

- To develop an understanding towards different types of economics.
- To create an awareness about the system followed by different countries of the world.
- To know the features of different types of economics.

Methodology :

- Discuss the topic of the assignment in class.
- Encourage all students to participate through active question answer session.
- Discuss the criteria of evaluation with students.
- Ask students to list references and sources used.

Learning outcomes : on completing the assignment, the students should be able to :

- Understand the classification of economics on the basis of nature ownership of means of production & level of development.
- Know the types of economics followed in different countries.
- Understand the features merit & demerits of different types of economics

Marking Scheme

Prreparation	Inference	Research	Presentation	Total
5	5	5	5	20

Eco App.

Project 1

Topic : “Multiplication’ of human wants lead to the economic problem of choice.” Prepare project report with the help of a production possibility curve on the basis of following :

- Economic problem
- Causes of economic problem
- Basic Economic problem
- production possibility curve
- Economic growth and economic development

Learning objectives :

- To development a sound base in the subject of economics
- To graphically represent data with the production possibility curve
- To develop the ability to correlate the problem of choice with PPC
- To improve skills in planning and organizing of ideas by developing and concluding the topic

Methodology :

- Discuss the assignment with students
- Encourage discussions through graphic presentations
- Explain the criteria of evaluation
- Enquire about the progress of assignment periodically.

Learning outcomes :

On completions of the assignment students should be able to:

- Understand basic issues of economics and its problems.
- Perceive the concept of unlimited wants and limited resources .
- Identify with the concept of the PPC
- Present their research material in an organized manner

Marking scheme

Preperation	Inference	Research	Presentation	Total
5	5	5	5	20

Home Science

Project : 1

Topic : Family (A unit of Society)

Objectives :

- To make the students learn and understand the concept of family.
- To make the students learn and understand the characteristics, types and functions of family.
- To make the students learn and understand the position of child in a family.

Methodology : Student will be required to prepare a brief paper presentation on.....

- Types of family, characteristics of family, position of child in a family and socialization.
- The students have to prepare a brief note on community and role of family in the development of the child.

Learning outcome : After completion of the project the students should have clear knowledge about the types of family, functions of family and characteristics of a family.

- And a deep knowledge and understanding o role of a family and society in development of a child.

Sources : → Internet

→ Newspaper

→ Library

Marking Scheme

Content	Presentation	Innovation	Research	Total
1	2.5	1	2.5	7

Project -2

Topic : Food and Health

Objective: To make the students understand the importance of food and its function.

- To understand the relationship between food and health
- To learn the concept of ‘ Balanced Diet.’
- To understand the functions of nutrients, food sources and deficiency diseases.
- To learn the basic food groups and their functions.

Methodology : Students will be required to prepare a brief paper presentation on.....

- Importance of food and its function and explaining the relationship between food and health.
- Food sources, deficiency diseases and functions of nutrients
- A systematic presentation of different basic food groups and their functions.

Learning outcome : After the completion of the project the students should have clear knowledge about the importance and functions of food.

- Functions of nutrients, food sources and deficiency diseases.
- The basic knowledge of balanced diet and relationship between food and health.
- The students should also learn the basic food groups and their function.

Sources : → Internet

→ Newspaper

→ Library

Marking Scheme

Content	Presentation	Innovation	Research	Total
1	2.5	1	2.5	7

Physical Education

DEFINE FOLLOWING BY GRAPH& PICTURE

CRICKET ASSINGMENT

7. cricket history (50 word)

8. latest general rules of cricket

b. players (b) substitutes (c) boundaries (d) follow on

(h) over (f) batsman getting out

9. Rules Related to twenty-20 match
10. Measurement of playfield and specification of sports equipments
11. Fundamental skills of cricket

A. Batting skill

2. Grip (2) Stance (3) Forward defence stroke
- (5) Backward defence stroke (5) Cover drive
- (7) On drive (7) Straight drive (8) Pull
- (10) Hook (10) . Sweep shot

B. Bowling skill

3. Fast bowling- in swing, out swing, off cutter, leg cutter
4. Spin bowling- off break, leg break, top spin, googly

D. Fielding skill

3. Stopping and throwing
4. Catching- high catches, low catches

12. Terminologies related to cricket

- | | | |
|-----------------|-------------------|--------------------------------|
| (2) Dolly catch | (2) Maiden over | (3) Hit wicket |
| (5) Maiden over | (5) Gully | (6) Setter |
| (7) Duck | (8) Golden a duck | (9) Dead ball |
| (10) Bouncer | (11) Free hit | (12) Stricker and non stricker |
| (14) Hat-trick | (14) Seam | (15) No ball& its types |

SOLVE ALL QUESTIONS

4. Specific Exercises of Warm-up and Conditioning

In cricket game.

5. Explain State the duties of an umpire and referee before start & during a cricket match.

6. Draw a neat cricket ground and indication all correct point of fielding.

Support required

Text book, Access to library, Internet

VOLLEY BALL

DEFINE FOLLOWING BY GRAPH& PICTURE

5. History of volleyball (50 word)

6. Basic general rules of volleyball

- | | | |
|------------------|------------------------------|-------------|
| (b) Playing area | (b) Team | (c) Scoring |
| (e) Rotation | (e) Substitution & its rules | |
| (i) Time out | (g) The ball | (h) Libero |
| (j) | | |

7. Measurement of playfield and specification of sports equipments with net & antenna
8. Fundamental skill of volleyball
 - (e) Service
 - (2) Underhand service (2) Tennis service (3) Spin service
 - (5) Floated service (5) Round arm service
 - (6) Jump service
 - (f) Passing
 - (2) Underhand pass (2) Overhand pass
 - (g) Spiking and smashing
 - (2) Single spike (2) Complex spike
 - (h) Blocking
 - (2) One men block (2) Two men block (3) Three men block

SOLVED ALL QUESTIONS

Q1. What is duties of referee, assistance referee and line mans?

Q2. List & explain any ten faults which a player is likely commit during a game of volleyball.

Support required

Text book, Access to library, Internet

Subject: Commercial studies

Project -1

Topic: Partnership Deed

Learning Objective

4. To provide theoretical knowledge about Partnership
5. To teach students how a partnership is formed.
6. To encourage students how to make a partnership Deed

Learning outcomes :

3. Students will understand about partnership.
4. They will be able to make partnership Deed .

Methodology :

Students will consider themselves as partners & agree to carry on business for their mutual benefit. This will make partnership Deed mentioning the following details :

8. Name of the firm.
9. The principal place of business
10. The names of other places where the firm carries the business
11. The names & addresses of all the partners
12. The amount of capital contributed
13. The ratio in which profits will be shared.
- 14.

Marks Allocation

Content	Research	Relevance	Overall presentation	Total
5	5	5	5	20

Project : 2

Topic : Functions of Banks

Learning objectives

- To provide basic understanding of banks
- To make students understand about the basic function of banks
- To provide fundamental knowledge about deposits of bank
- To provide knowledge about the types of banks.

Methodology :

Students will understand the meaning of banks , make a note on the types of bank
Functions of banks , types of bank accounts

Learning Outcomes :

3. Students will be able to understand the meaning & types of banks
4. They will understand the functions performed by bank

Marking scheme

Content	Research	Relevance	Overall presentation	Total
5	5	5	5	20



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

Project Work Session: 2018-2019

Class- X Sc.

English Literature

Project 1

Q.1 Write down critical appreciation of the following poem :-

1. The Heart of the tree
2. The Bangle sellers
3. After Blenheim
4. I Knew why the caged Bird sings
5. Nine gold Medals

Q.2 Write on 'Themes' of the following short stories :-

1. Chief Seattle's speech
2. A Horse and the two goats
3. Hearts and hand
4. A Face in the Dark
5. The little Match girl

Project-2

Write summary of Act1- scence 1, 2 & 3 Act II- Scenes 1 to 9

Note:- Affix relevant pictures of Titles, Themes, scenes & Authors

Marking Scheme

Survey out of Text Book	Relevance	Content	Organization	Pictures	Total
5	4	4	4	3	20

Project- I English Language

(Internal Assessment)
Listening & speaking Skills

Objectives

- (1) To inculcate attentive listening among the students and to comprehend & respond properly to the given message.
- (2) To instill confidence among the speakers through public speaking
- (3) To inculcate speech modulation and fluency while delivering the content.

(a) Listening Skills Assessment (10 Marks)

A Passage of about 350 words will be read aloud, twice, the first time at normal speed & the next time at a slower speed.

Students may make brief notes during the readings. They then answer objective type questions based on the passages on the paper provided to them.

* Marks will be allotted on the number of correct answers.

(b) Speaking skills Assessment (10 Marks)

Students are to be assessed through individual presentation of about three minutes followed by a discussion with the subject teacher.

Some of the themes to be addressed in the assessment are narrating an experience, giving directions or instructions on how to make or operate something, providing a description, giving a report or expressing an opinion

Judgment Criteria

Content	Linguistic ability (fluency & Pronunciation)	Grammar & Vocabulary	Confidence & Presentation
3	3	2	2

हिन्दी :-

परियोजना कार्य:-1
पुस्तक - 'कहाती-बुनिया'

सं.	विषय-सूची	पृष्ठ संख्या
1	पुस्तक का नाम	
2	लेखक - परिचय	1-2
3	पुस्तक का संक्षेप	3-4
4	पुस्तक का अध्याय	2-3
5	गाँव या शहर जो मुझे अपनी अर्थ खोजता है	2-3
6	पुस्तक की समीक्षा मेरी नजर में किताब	2-3
7	आजादी की मेरी परिभाषा	1-2
8	यथा-स्थान चित्र	
	कुल पृष्ठ	12-13

कार्य-उद्देश्य-

- टपने विचारों को ही तरह से अभिव्यक्त करने की क्षमता को बढ़ाने।
- कल्पना शक्ति की वृद्धि के लिए प्रेरणा प्रदान करने।
- अलग-अलग स्त्रियों से जानकारी प्राप्त करके उसे ही ठाँ से सम्मिलित करने प्रेरित करने।

शिक्षण - बाध

कार्य के बाद विद्यार्थी

- दिए गए कथन पर अपने शब्दों में विचारों को स्पष्ट रूप से लिख सकेंगे।
- भाषा को ही रूप से व्यक्त कर सकेंगे।

परियोजना - कार्य

कक्षा - दसवीं विज्ञान एवं वाणिज्य

हिन्दी - भाषा 'श्रवण व भावाभिव्यक्ति कला'

एक गद्यांश को कक्षा में दो बार पढ़ा जाएगा। पठन-पाठन के दौरान छात्र - मुख्य-मुख्य बिंदुओं पर ध्यान दें। तत्पश्चात् गद्यांश पर आधारित बहुनिष्ठ प्रश्न-पत्र दिए जाएंगे जिसे मैंने दिए गए विकल्पों में से उचित / सही उत्तर चुनकर लिखेंगे।

कं निर्धारण

श्रवण-कला	भावाभिव्यक्ति	योग
10	10	20

Project 1: History

Topic: Nobel Laureate

Malala yousafzai and KailashSatyarthi

Aim:

To know in detail about the famous Nobel Laureate

Procedure:

Students will make a detail Project by following the guidelines given:-

- 1) Prepare an Index page containing the names of all sub-topics covered.
- 2) Use following points to complete your project.
 - i. Introduction of Laureates
 - ii. Their childhood
 - iii. Early Life
 - iv. Special mention of Bachpan Bachao Andolan of Kailash Satyarthi and Malala shot by bullets.
- 3) Acknowledgement
- 4) Pictorial presentation is mandatory

Learning Outcome:

At the completion of the project, students will have vast information about the great laureates and their contribution towards humanity.

Marking Scheme

Content	Information	Relevance	Presentation	Total
5	5	5	5	20

Project 2: History

Topic: Development under UN

Aim:

To know in detail about the various developmental programmes of UN Agencies

Procedure:

Students are required to write about the following agencies and their programmes.

- 1) UNICEF * Country Programme
* Sarv Shiksha Abhiyan, etc
- 2) FAO * (AAHM) Alliance against Hunger and Malnutrition
FAO Goodwill Ambassadors etc
- 3) WHO * Global Malaria Programme
* Global TB Programme, etc

Use following points to cover your topic:-

- 1) Brief introduction of Agencies
- 2) Symbols
- 3) Description of programmes
- 4) Paste related procures

Learning Outcome:

At the completion of the project, students will have deep information about the work of UN and its various agencies.

Marking Scheme

Content	Information	Relevance	Presentation	Total
5	5	5	5	20

Project 1: Geography

Topic: Transport system in India

Objective:

The objective of the project is to let the pupils understand to various means of bulk transport in the country and their evolution from a simple mode to sophisticated form over the years.

The students will work on a project on the modes such as:

- a) Road transport (including of suburban and Metro Rail)
- b) Rail Transport
- c) Air transport
- d) Water transport

Students will collect relevant data with regard to their origin, sphere of importance total lengths (rail and road), their transportation from simple to hi-tech forms.

There has to be a special reference made, to 'Pradhan Mantri Grameen SadakYojana' and 'Golden Quadrilateral' associated with road transport. A mention about the construction of Highways, super highways and express ways needs to be made.

With regard to Air transport a reference of major International Airports and in case of water transport mention of International water ways have to be made in addition to other details.

Relevant pictures and illustrations along with data have to be incorporated

Marking Scheme

Preparation and Organization	Research	Inference	Skill in Presentation	Total
4	6	4	6	20

Project 2: Geography

Topic: Tourism in India

The Students will compile a project report on the said topic on the following lines:

1. Introduction
2. Growth and development of tourism in India.
3. Types of tourism, namely:
 - a) Eco tourism
 - b) Cruise tourism
 - c) Adventure tourism
 - d) Medical tourism
 - e) Sustainable tourism
 - f) Wellness tourism

An explanation of the above mentioned types to be given.

4. Problems of tourism in India
5. Specify/ identify 10 sites in India which are included in the list of 'World Heritage' sites
6. A brief description of each site specified in to be incorporated.
7. Relevant pictures, illustration and data to be incorporated compulsorily.
8. A note in the general impact of tourism on India has to be attached.

Marking Scheme

Preparation and Organization	Research	Inference	Skill in Presentation	Total
4	6	4	6	20

Project1: Mathematics

Conduct a survey in your locality to study the mode of conveyance/ prices of various essential commodities/ favourite sports.

Represent the data

- Using a bar graph
- Histogram and estimate the mode
- Using frequency polygon
- Using pie-chart
- Both ogive (Less than type and more than type) and hence estimate median.

Learning Objective:

- To develop a better understanding of the use of statistics.
- To develop skills in presenting data in graphical form.
- To develop the ability to draw inferences from graphical data.

Learning Outcome:

On completion of the assignment students should be able to:

- Use different tools to present data.
- Appreciate the use of pie- charts and bar charts.
- Analyse data.

Marking Scheme

Preparation	Concept	Computation	Presentation	Understanding	Total
4	4	4	4	4	20

Project2: Mathematics

You have Rs. one lakh to spend on your dream vacation to Europe. Budget this vacation (check the current conversion rates) and plan the following:

- Countries you are going to visit (you must visit two countries)
- Number of days you will stay in each country.
- Have much currency you should need for each country

Assume that your tickets from India to any two countries in Europe and back would cost Rs. 45000/ . The boarding lodging and travel expenses for each country per day would be 50 units of currency of the country that you will visit. Show your calculation taking into account the current exchange rate for individual currencies of the countries that would be visited. You must show all the calculations.

Learning Objectives:

- To teach the basic concept of budgeting.
- To familiarise students with the concept of exchange rate and present rate of exchange.
- To develop an understanding of how mathematics can be applied in their lives.

Learning Outcomes:

On completion of the assignment students should be able to:

- Know the importance of budgeting and use it in different situations.
- Widen their knowledge on the present rate of exchange

Marking Scheme

Preparation	Concept	Computation	Presentation	Understanding	Total
4	4	4	4	4	20

Project 1: Economics

Topic: GST (Goods and Service Tax) in India

Prepare a report on GST in India. Find out the following:

- What is GST?
- Journey of GST in India.
- Advantages of GST
- Components of GST
- Tax Laws before GST
- What changes does GST bring in?

Learning Objectives:

- To broaden students perspective on India's Tax system.
- To help students understand latest GST system in India.
- To help them identify the different tax systems in the world.
- To develop presentation skills.

Methodology:

- Discuss the topic related on GST in India.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.
- Guide students regarding sources of information/ reference to be used.

Learning Outcomes:

On completion of the assignment students should be able to:

- Understand concept related to tax system in India.
- Gain the right perspective of impacts of GST in India.
- Identify, understand and compare the previous tax system and GST in India.
- Organize and present information collected in a Coherent manner.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 2: Economics

Topic: Inflation in India

Prepare a project report on Inflation in India.

Find out the following:

- Inflation – Meaning, types
- Demand pull Inflation, Cost Push Inflation – Meaning, causes
- Effects of Inflation: On Purchasing power of money, on salaried class people, on business community, on investors.
- Analysis of last 10 years inflation in India.

Learning Objectives:

- To broaden students perspective on inflation trend in India.
- To help students identify and analyze the trend of inflation in the last few years.
- To help students understand the impact of inflation on different interest groups.
- To develop presentation skills.

Methodology:

- Discuss the project related to inflation.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.
- Guide students regarding sources of information to be used.

Learning Outcomes:

On completion on assignment students should be able to:

- Understand Concept related to inflation in India.
- Gain the right perspective of impacts of inflation in India.
- Identify, understand and compare the inflation trend in India.
- Organise and present information collected in a coherent maner.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 1: Eco-Application

Prepare a project report on “GST in India”

Find out the following:

- Introduction
- Journey of GST in India
- Advantages of GST
- Components of GST
- Comparison between previous tax system and GST
- What changes does GST bring in?

Learning Objectives:

- To help students to understand latest tax system in India.
- To help them to indentify the different tax system in world.
- To broaden students perspective on India’s tax system.
- To develop presentation skills.

Methodology:

- Discuss the topic related on GST in India.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.

Learning Outcomes:

On completion of the assignment students should be able to:

- Know the concept related to tax system.
- Understand present tax system in India.
- Identify, understand and compare the previous tax system and GST in India.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 2: Eco-Application

Prepare a project report on “Factors of production” on the basis of following points:

- Introduction & meaning of Factors of Production.
- Components of Factors of Production.
- Land: meaning, characteristics, Importance
- Labour: meaning, characteristics, Importance
- Capital: meaning, types, advantages & disadvantages
- Enterprise: meaning, functions, role

Learning Objectives:

- To develop an understanding towards factors of production.
- To make the students understand about the importance of land, labour, capital and entrepreneur.
- To create an awareness about advantages and disadvantages of division of labours.
- To develop presentation skills.

Methodology:

- Encourage discussion in the class.
- Discuss the purpose of the project with the students.
- Enquire on the progress of the assignment periodically.

Learning Outcomes:

On completion of the assignment, students will be able to:

- Know the meaning and components of factors of production.
- Form the opinion about the importance of factors of production.
- Know about the role of entrepreneur in an economy.
- Make an effective presentation.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 1: Home Science

Topic: Adolescence

Objective:

To make the students understand about the difficult & different stages of adolescence.

- To develop an understanding towards the physical, cognitive, social and emotional changes during adolescent years.
- To develop the skill of collecting information from different sources and presenting them in an appropriate manner.

Methodology:

Students will be required to prepare a brief paper presentation on the following:

- Developmental tasks of adolescence.
- The physical, Cognitive, Emotional Social changes seen during this phase.
- Personal Hygiene.
- Eating Disorders
- Role of family, peer group and school.
- Influence of sports and Exercise on physical fitness of adolescence.

Learning Outcome:

After completion of the project students should be able to know about various behaviour, physical, Cognitive, Emotional changes of adolescence and reason behind that.

Marking Scheme

Material	Content	Presentation	Innovation	Total
1	2.5	2.5	1	7

Project 2: Home Science

Topic: Banking

Learning Objective:

- To make the students aware about the system and procedure involved in Banking.
- To make the students learn about the types of account which can be opened by an individual at the bank
- To make the students learn and understand the procedure of getting a fixed deposit in the bank and the different rate of interests given by the bank.

Methodology:

The Students will be required to prepare a brief paper presentation on the following:

- Type of Bank Account
- Meaning and concept of fixed deposit.
- List of documents required for opening an account.
- Steps involved in opening an account.
- Different rate of interest on fixed deposit (reasons)
- Collect different types of forms available in the bank like form for withdrawing/ deposit cash from the account and F.D. account.

Learning Outcome:

After completion of the project the students should know about various kinds of bank account, various interest rates, steps involved in opening an account and the procedures involved in banking.

Marking Scheme

Material	Content	Presentation	Innovation	Total
1	2.5	2.5	1	7

Project: 1 Physical Education

Students need to make a file

VOLLEY BALL

DEFINE FOLLOWING BY GRAPH& PICTURE

1. History of volleyball (50 word)
2. Basic general rules of volleyball
 - (a) Playing area (b) Team (c) Scoring (d) Rotation (e) Substitution & its rules (f) Time out (g) The ball (h) Libero
3. Measurement of playfield and specification of sports equipments with net & antenna
4. Fundamental skill of volleyball
 - (i) Service
 - (1) Underhand service (2) Tennis service (3) Spin service (4) Floated service (5) Round arm service (6) Jump service
 - (j) Passing
 - (1) Underhand pass (2) Overhand pass
 - (k) Spiking and smashing
 - (1) Single spike (2) Complex spike
 - (l) Blocking
 - (1) One men block (2) Two men block (3) Three men block

SOLVE ALL QUESTIONS

- Q1. Define posture. What is the correct posture while standing?
- Q2. What are duties of referee, assistance referee and line mans?
- Q3. List & explain any ten faults which a player is likely to commit during a game of volleyball.
- Q4. Define the term Drugs. State any three advantages of Health Education.
- Q5. Briefly explain the importance of sleep in our daily routine.

CRICKET ASSINGMENT

1. cricket history (50 words)
2. latest general rules of cricket
 - a. players (b) substitutes (c) boundaries (d) follow on (e) over (f) batsman getting out
3. Rules Related to twenty-20 match
4. Measurement of playfield and specification of sports equipments
5. Fundamental skills of cricket
 - A. Batting skill
 - (1) Grip (2) Stance (3) Forward defence stroke (4) Backward defence stroke (5) Cover drive (6) On drive (7) Straight drive (8) Pull (9) Hook (10) Sweep shot
 - B. Bowling skill
 1. Fast bowling- in swing, out swing, off cutter, leg cutter

2. Spin bowling- off break, leg break, top spin, googly
- E. Fielding skill
 1. Stopping and throwing (2) Catching- high catches, low catches
6. Terminologies related to cricket
 - (1) Dolly catch (2) Maiden over (3) Hit wicket (4) Maiden over
 - (5) Gully (6) Setter (7) Duck (8) Golden a duck (9) Dead ball
 - (10) Bouncer (11) Free hit (12) Stricker and non stricker (13) Hat-trick
 - (14) Seam (15) No ball& its types

SOLVE ALL QUESTIONS

1. Explain the duties of an umpire and referee before start & during a cricket match.
2. Explain the following terms in Cricket:
 - I. Hitting the ball
 - II. A Runner
 - III. The Toss
 - IV. The anger Area
3. Draw a neat cricket ground and indicate all correct point of fielding.
4. Specific Exercises of Warm-up and Conditioning in cricket game.

Support required

Text book, Access to library, Internet

Marks will be allotted for discipline also



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

Project Work Session: 2018-2019

Class- X Com.

English Literature

Project: 1

Q.1 Write down critical appreciation of the following poem :-

1. The Heart of the tree
2. The Bangle sellers
3. After Blenheim
4. I Knew why the caged Bird sings
5. Nine gold Medals

Q.2 Write on 'Themes' of the following short stories :-

1. Chief Seattle's speech
2. A Horse and the two goats
3. Hearts and hand
4. A Face in the Dark
5. The little Match girl

Project:2

Write summary of Act1- scence 1, 2 & 3 Act II- Scenes 1 to 9

Note:- Affix relevant pictures of Titles, Themes, scenes & Authors

Marking Scheme

Survey out of Text Book.	Relevance	Content	Organization	Pictures	Total
5	4	4	4	3	20

Project- I English Language

(Internal Assessment)

Listening & speaking Skills

Objectives

- (1) To inculcate attentive listening among the students and to comprehend & respond properly to the given message.
- (2) To instill confidence among the speakers through public speaking
- (3) To inculcate speech modulation and fluency while delivering the content.

(a) Listening Skills Assessment (10 Marks)

A Passage of about 350 words will be read aloud, twice, the first time at normal speed & the next time at a slower speed.

Students may make brief notes during the readings. They then answer objective type questions based on the passages on the paper provided to them.

* Marks will be allotted on the number of correct answers.

(b) Speaking skills Assessment (10 Marks)

Students are to be assessed through individual presentation of about three minutes followed by a discussion with the subject teacher.

Some of the themes to be addressed in the assessment are narrating an experience, giving directions or instructions on how to make or operate something, providing a description, giving a report or expressing an opinion

Judgment Criteria

Content	Linguistic ability (fluency & Pronunciation)	Grammar & Vocabulary	Confidence & Presentation
3	3	2	2

हिन्दी :-

परियोजना कार्य:-1
पुस्तक - 'कहाती-बुनिया'

सं.	विषय-सूची	पृष्ठ संख्या
1	पुस्तक का नाम	
2	लेखक - परिचय	1-2
3	पुस्तक का संक्षेप	3-4
4	पुस्तक का अध्याय	2-3
5	गाँव या शहर जो मुझे अपनी अर्थ खिंचता है	2-3
6	पुस्तक की सीमा में नजर मेयह किताब	2-3
7	आजादी की मेरी परिभाषा	1-2
8	यथा-स्थान चित्र	
	कुल पृष्ठ	12-13

कार्य उद्देश्य-

- टपने विचारों को ही तरह से अभिव्यक्त करने की क्षमता को बढ़ाने।
- कल्पना शक्ति की वृद्धि के लिए प्रेरणाहित करने।
- अलग-अलग स्त्रियों से जानकारी प्राप्त करके उसे ही ठाँ से सम्मिलित करने प्रेरित करने।

शिक्षण - बाँध

कार्य के बाद विद्यार्थी

- दिए गए कथन पर अपने शब्दों में विचारों को स्पष्ट रूप से लिख सकेंगे।
- भाषा को ही रूप से व्यक्त कर सकेंगे।

परियोजना - कार्य

कक्षा - दसवीं विज्ञान एवं वाणिज्य

हिन्दी - भाषा 'श्रवण व भावाभिव्यक्ति कला'

एक गद्यांश को कक्षा में दो बार पढ़ा जाएगा। पठन-पाठन के दौरान छात्र-छात्रिकाएँ मुख्य बिन्दुओं पर ध्यान दें। तत्पश्चात् गद्यांश पर आधारित चतुर्निष्ठ प्रश्न-पत्र लिखे जाएंगे। जिसमें दिए गए विकल्पों में से उचित / सही उत्तर चुनकर लिखें।

कंक निर्धारण

श्रवण-कला	भावाभिव्यक्ति	योग
10	10	20

Project 1: History Civics

Topic: Nobel Laureate

Malala yousafzai and Kailash Satyarthi

Aim:

To know in detail about the famous Nobel Laureate

Procedure:

Students will make a detail Project by following the guidelines given:-

- 5) Prepare an Index page containing the names of all sub-topics covered.
- 6) Use following points to complete your project.
 - v. Introduction of Laureates
 - vi. Their childhood
 - vii. Early Life
 - viii. Special mention of Bachpan BachaoAndolan of Kailash Satyarthi and Malala shot by bullets.
- 7) Acknowledgement
- 8) Pictorial presentation is mandatory

Learning Outcome:

At the completion of the project, students will have vast information about the great laureates and their contribution towards humanity.

Marking Scheme

Content	Information	Relevance	Presentation	Total
5	5	5	5	20

Project 2: History Civics

Topic: Development under UN

Aim:

To know in detail about the various developmental programmes of UN Agencies

Procedure:

Students are required to write about the following agencies and their programmes.

- 4) UNICEF * Country Programme
* Sarv Shiksha Abhiyan, etc
- 5) FAO * (AAHM) Alliance against Hunger and Malnutrition
FAO Goodwill Ambassadors etc
- 6) WHO * Global Malaria Programme
* Global TB Programme, etc

Use following points to cover your topic:-

- 5) Brief introduction of Agencies
- 6) Symbols
- 7) Description of programmes
- 8) Paste related procures

Learning Outcome:

At the completion of the project, students will have deep information about the work of UN and its various agencies.

Marking Scheme

Content	Information	Relevance	Presentation	Total
5	5	5	5	20

Project 1: Geography

Topic: Transport system in India

Objective:

The objective of the project is to let the pupils understand to various means of bulk transport in the country and their evolution from a simple mode to sophisticated form over the years.

The students will work on a project on the modes such as:

- e) Road transport (including of suburban and Metro Rail)
- f) Rail Transport
- g) Air transport
- h) Water transport

Students will collect relevant data with regard to their origin, sphere of importance total lengths (rail and road), their transportation from simple to hi-tech forms.

There has to be a special reference made, to 'Pradhan Mantri Grameen SadakYojana' and 'Golden Quadrilateral' associated with road transport. A mention about the construction of Highways, super highways and express ways needs to be made.

With regard to Air transport a reference of major International Airports and in case of water transport mention of International water ways have to be made in addition to other details.

Relevant pictures and illustrations along with data have to be incorporated

Marking Scheme

Preparation and Organization	Research	Inference	Skill in Presentation	Total
4	6	4	6	20

Project 2: Geography

Topic: Tourism in India

The Students will compile a project report on the said topic on the following lines:

9. Introduction
10. Growth and development of tourism in India.
11. Types of tourism, namely:
 - g) Eco tourism
 - h) Cruise tourism
 - i) Adventure tourism
 - j) Medical tourism
 - k) Sustainable tourism
 - l) Wellness tourism

An explanation of the above mentioned types to be given.

12. Problems of tourism in India
13. Specify/ identify 10 sites in India which are included in the list of 'World Heritage' sites
14. A brief description of each site specified in to be incorporated.
15. Relevant pictures, illustration and data to be incorporated compulsorily.
16. A note in the general impact of tourism on India has to be attached.

Marking Scheme

Preparation and Organization	Research	Inference	Skill in Presentation	Total
4	6	4	6	20

Project1: Mathematics

Conduct a survey in your locality to study the mode of conveyance/ prices of various essential commodities/ favourite sports.

Represent the data

- Using a bar graph
- Histogram and estimate the mode
- Using frequency polygon
- Using pie-chart
- Both ogive (Less than type and more than type) and hence estimate median.

Learning Objective:

- To develop a better understanding of the use of statistics.
- To develop skills in presenting data in graphical form.
- To develop the ability to draw inferences from graphical data.

Learning Outcome:

On completion of the assignment students should be able to:

- Use different tools to present data.
- Appreciate the use of pie- charts and bar charts.
- Analyse data.

Marking Scheme

Preparation	Concept	Computation	Presentation	Understanding	Total
4	4	4	4	4	20

Project2: Mathematics

You have Rs. one lakh to spend on your dream vacation to Europe. Budget this vacation (check the current conversion rates) and plan the following:

- Countries you are going to visit (you must visit two countries)
- Number of days you will stay in each country.
- Have much currency you should need for each country

Assume that your tickets from India to any two countries in Europe and back would cost Rs. 45000/ . The boarding lodging and travel expenses for each country per day would be 50 units of currency of the country that you will visit. Show your calculation taking into account the current exchange rate for individual currencies of the countries that would be visited. You must show all the calculations.

Learning Objectives:

- To teach the basic concept of budgeting.
- To familiarise students with the concept of exchange rate and present rate of exchange.
- To develop an understanding of how mathematics can be applied in their lives.

Learning Outcomes:

On completion of the assignment students should be able to:

- Know the importance of budgeting and use it in different situations.
- Widen their knowledge on the present rate of exchange

Marking Scheme

Preparation	Concept	Computation	Presentation	Understanding	Total
4	4	4	4	4	20

Project 1: Economics

Topic: GST (Goods and Service Tax) in India

Prepare a report on GST in India. Find out the following:

- What is GST?
- Journey of GST in India.
- Advantages of GST
- Components of GST
- Tax Laws before GST
- What changes does GST bring in?

Learning Objectives:

- To broaden students perspective on India's Tax system.
- To help students understand latest GST system in India.
- To help them identify the different tax systems in the world.
- To develop presentation skills.

Methodology:

- Discuss the topic related on GST in India.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.
- Guide students regarding sources of information/ reference to be used.

Learning Outcomes:

On completion of the assignment students should be able to:

- Understand concept related to tax system in India.
- Gain the right perspective of impacts of GST in India.
- Identify, understand and compare the previous tax system and GST in India.
- Organize and present information collected in a Coherent manner.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 2: Economics

Topic: Inflation in India

Prepare a project report on Inflation in India.

Find out the following:

- Inflation – Meaning, types
- Demand pull Inflation, Cost Push Inflation – Meaning, causes
- Effects of Inflation: On Purchasing power of money, on salaried class people, on business community, on investors.
- Analysis of last 10 years inflation in India.

Learning Objectives:

- To broaden students perspective on inflation trend in India.
- To help students identify and analyze the trend of inflation in the last few years.
- To help students understand the impact of inflation on different interest groups.
- To develop presentation skills.

Methodology:

- Discuss the project related to inflation.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.
- Guide students regarding sources of information to be used.

Learning Outcomes:

On completion on assignment students should be able to:

- Understand Concept related to inflation in India.
- Gain the right perspective of impacts of inflation in India.
- Identify, understand and compare the inflation trend in India.
- Organise and present information collected in a coherent maner.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 1: Commercial Studies

Topic: Advertising

Prepare a report on the various methods of advertising and publicity of two big FMCG companies. Find out the following:

- Meaning and objectives of advertising
- Types of advertising
- Essentials of a good advertisement
- Various themes of advertisements
- Any two big FMCG companies advertising policy and their types of advertisements.

Learning Objectives:

- To broaden students perspective on various policies used for advertising by big organizations.
- To help students understand various themes used in advertisements.
- To help them identify the essentials of a good advertisement.
- To develop presentation skills.

Methodology:

- Discuss the topic related on advertisement and publicity methods.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.
- Guide students regarding sources of information/ references to be used.

Learning Outcomes:

On completion of the project, students should be able to:

- Understand concepts related to advertising and publicity policies used by big organizations.
- Gain the right perspective of various themes used by companies.
- Identity and understand the essentials of a good advertisement.
- Organise and present information collected in a coherent manner.

Marks Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 2: Commercial Studies

Topic:

Prepare a report on the methods of recruitment and Selection of the staff. Compare the methods and procedure adopted by two Indian companies.

Find out the following:

- Recruitment – Meaning, Steps, Sources
- Selection – Meaning & Steps in the selection process
- Methods and procedure of two big organizations.

Learning Objectives:

- To broaden students perspective on sources of recruitment of big organizations.
- To help students understand procedures involved in selection of staff.
- To help them identify the various internal and external sources of recruitment.
- To develop presentation skills.

Methodology:

- Discuss the topic related on recruitment and selection procedure extensively.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.
- Guide students regarding sources of information/ references to be used.

Learning Outcomes:

On completion of the assignment, students should be able to:

- Understand concepts related to recruitment and selection of staff of big organizations.
- Gain the right perspective of procedure involved in selection procedure.
- Identify and understand the sources of internal and external recruitment.
- Organise and present information collected in a coherent manner.

Marks Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 1: Eco-Application

Prepare a project report on “GST in India”

Find out the following:

- Introduction
- Journey of GST in India
- Advantages of GST
- Components of GST
- Comparison between previous tax system and GST
- What changes does GST bring in?

Learning Objectives:

- To help students to understand latest tax system in India.
- To help them to indentify the different tax system in world.
- To broaden students perspective on India’s tax system.
- To develop presentation skills.

Methodology:

- Discuss the topic related on GST in India.
- Explain the purpose of the assignment.
- Encourage students to discuss their queries.

Learning Outcomes:

On completion of the assignment students should be able to:

- Know the concept related to tax system.
- Understand present tax system in India.
- Identify, understand and compare the previous tax system and GST in India.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 2: Eco-Application

Prepare a project report on “Factors of production” on the basis of following points:

- Introduction & meaning of Factors of Production.
- Components of Factors of Production.
- Land: meaning, characteristics, Importance
- Labour: meaning, characteristics, Importance
- Capital: meaning, types, advantages & disadvantages
- Enterprise: meaning, functions, role

Learning Objectives:

- To develop an understanding towards factors of production.
- To make the students understand about the importance of land, labour, capital and entrepreneur.
- To create an awareness about advantages and disadvantages of division of labours.
- To develop presentation skills.

Methodology:

- Encourage discussion in the class.
- Discuss the purpose of the project with the students.
- Enquire on the progress of the assignment periodically.

Learning Outcomes:

On completion of the assignment, students will be able to:

- Know the meaning and components of factors of production.
- Form the opinion about the importance of factors of production.
- Know about the role of entrepreneur in an economy.
- Make an effective presentation.

Marking Scheme

Content	Research	Inference	Presentation	Total
5	5	5	5	20

Project 1: Home Science

Topic: Adolescence

Objective:

To make the students understand about the difficult & different stages of adolescence.

- To develop an understanding towards the physical, cognitive, social and emotional changes during adolescent years.
- To develop the skill of collecting information from different sources and presenting them in an appropriate manner.

Methodology:

Students will be required to prepare a brief paper presentation on the following:

- Developmental tasks of adolescence.
- The physical, Cognitive, Emotional Social changes seen during this phase.
- Personal Hygiene.
- Eating Disorders
- Role of family, peer group and school.
- Influence of sports and Exercise on physical fitness of adolescence.

Learning Outcome:

After completion of the project students should be able to know about various behaviour, physical, Cognitive, Emotional changes of adolescence and reason behind that.

Marking Scheme

Material	Content	Presentation	Innovation	Total
1	2.5	2.5	1	7

Project 2: Home Science

Topic: Banking

Learning Objective:

- To make the students aware about the system and procedure involved in Banking.
- To make the students learn about the types of account which can be opened by an individual at the bank
- To make the students learn and understand the procedure of getting a fixed deposit in the bank and the different rate of interests given by the bank.

Methodology:

The Students will be required to prepare a brief paper presentation on the following:

- Type of Bank Account
- Meaning and concept of fixed deposit.
- List of documents required for opening an account.
- Steps involved in opening an account.
- Different rate of interest on fixed deposit (reasons)
- Collect different types of forms available in the bank like form for withdrawing/ deposit cash from the account and F.D. account.

Learning Outcome:

After completion of the project the students should know about various kinds of bank account, various interest rates, steps involved in opening an account and the procedures involved in banking.

Marking Scheme

Material	Content	Presentation	Innovation	Total
1	2.5	2.5	1	7

Project: 1 Physical Education

Students need to make a file

VOLLEY BALL

DEFINE FOLLOWING BY GRAPH& PICTURE

5. History of volleyball (50 word)
6. Basic general rules of volleyball
 - (a) Playing area (b) Team (c) Scoring (d) Rotation (e) Substitution & its rules (f) Time out (g) The ball (h) Libero
7. Measurement of playfield and specification of sports equipments with net & antenna
8. Fundamental skill of volleyball
 - (m) Service
 - (1) Underhand service (2) Tennis service (3) Spin service (4) Floated service (5) Round arm service (6) Jump service
 - (n) Passing
 - (1) Underhand pass (2) Overhand pass
 - (o) Spiking and smashing
 - (1) Single spike (2) Complex spike
 - (p) Blocking
 - (1) One men block (2) Two men block (3) Three men block

SOLVE ALL QUESTIONS

- Q1. Define posture. What is the correct posture while standing?
- Q2. What are duties of referee, assistance referee and line mans?
- Q3. List & explain any ten faults which a player is likely to commit during a game of volleyball.
- Q4. Define the term Drugs. State any three advantages of Health Education.
- Q5. Briefly explain the importance of sleep in our daily routine.

CRICKET ASSINGMENT

7. cricket history (50 words)
8. latest general rules of cricket
 - b. players (b) substitutes (c) boundaries (d) follow on (e) over (f) batsman getting out
9. Rules Related to twenty-20 match
10. Measurement of playfield and specification of sports equipments
11. Fundamental skills of cricket
 - A. Batting skill
 - (1) Grip (2) Stance (3) Forward defence stroke (4) Backward defence stroke (5) Cover drive (6) On drive (7) Straight drive (8) Pull (9) Hook (10) Sweep shot
 - B. Bowling skill
 3. Fast bowling- in swing, out swing, off cutter, leg cutter

4. Spin bowling- off break, leg break, top spin, googly

F. Fielding skill

2. Stopping and throwing (2) Catching- high catches, low catches

12. Terminologies related to cricket

(1) Dolly catch (2) Maiden over (3) Hit wicket (4) Maiden over

(5) Gully (6) Setter (7) Duck (8) Golden a duck (9) Dead ball

(10) Bouncer (11) Free hit (12) Stricker and non stricker (13) Hat-trick

(14) Seam (15) No ball & its types

SOLVE ALL QUESTIONS

2. Explain the duties of an umpire and referee before start & during a cricket match.

2. Explain the following terms in Cricket:

V. Hitting the ball

VI. A Runner

VII. The Toss

VIII. The anger Area

3. Draw a neat cricket ground and indicate all correct point of fielding.

4. Specific Exercises of Warm-up and Conditioning in cricket game.

Support required

Text book, Access to library, Internet

Marks will be allotted for discipline also



Project-2018-19

Class XI Sc.

Physics Project -1

Objective Students would be told to prepare project file on the following topics,

Topics : Physical world and measurement, Newton's Laws of Motion, project motion, vectors, Force, Work, Energy and power.

Methodology: Students will be told to give a write up and paste pictures on the above topics.

Learning Outcome : Students would be able to learn

- i) How to search topics in various books, internet relate, Journals etc.
- ii) In detail about the topics allotted to them and relate them to everyday phenomenon and experiences
- (iii) The experience of sorting out the best concised matter from vast knowledge available about the topics.

Marking Scheme

Content	Preparation	Presentation	Result	Total
3	3	2	2	10

Physics 2

Objective Students would be told to prepare project files on the topics allotted to them which are from their syllabus.

Topics Circular Motion, center of Mass Gravitation, Friction, Rotational Motion, Elasticity

Methodology Students would be told to give a write up and paste pictures on the above topics

Learning Outcome Students would be able to learn

- i) How to search for the topics in various books internet, journals etc.
- ii) In detail about the topics allotted to them and relate them to everyday phenomenon and experiences.

Marking Scheme

Content	Preparation	Presentation	Result	Total
3	3	2	2	10

Biotechnology :-1

Aim: To prepare a working model of a Bioreactor

Methodology :- Students will prepare a working model of a Bioreactor using cardboard, thermocol , sticks, straws etc.

This should include all the parts like sparger, PH/ temperature control, inlet, out let etc.

Learning Outcomes: - Students would be able to learn in detail about the parts of a Bioreactor.

Marking Scheme

Presentation	Explanation	Knowledge	Total
5	3	2	10

Project : 2

Aim : To Prepare a power point presentation on any one topic related to Biotechnology

Methodology Students will have to prepare a power point presentation on any topic related to Biotechnology. They would have to give presentations with the aids of slides prepared by them

Learning outcome They would learn thoroughly about the topics prepared. They would learn to make power point presentations and the process would enhance their knowledge and confidence.

Marking Scheme

Content	Presentation	Confidence + Voice Modulation	Solving the Queries	Total
3	3	3	1	10

Biology Project 1:-

Aim: - To prepare a working model of any one system of human body.

Methodology: - Students will prepare a working model of circulatory/ excretory system. Use of themocol is not allowed. It should exhibit the exact working upto the level of ISC [details should be included]

Learning outcome: - Students would able to learn in detail about the structure and working of the system. They would be well prepared to solve the queries related to the same.

Marking Scheme:-

Presentation	Knowledge	Explanation	Total
4	3	3	10

Biology :-2

Aim:

Students would be taken for visit to Dr. B Lal's Institute of Biotechnology to acquaint them to various techniques used. In Biology.

Methodology: -

Students would have to prepare a project report including all the instruments seen and their use.

Learning outcomes:-

Students would be able to learn in detail about the various instruments used in Biotechnology lab whose principles are based on basic knowledge of Biology.

Marking Scheme

Content	Presentation + photos	Neatness	Understanding	Total
3	3	1	3	10

Chemistry:- Project 1

Aim: Students would be instructed to prepare project files on the topic allotted to them. The topics are mentioned below-

Methodology: - Students would be asked to give details of topic of project, draw figures or paste pictures relevant to topics

Learning outcomes:-

- (1) Students will search the detail information regarding the topics, They will have to consult different journals, books magazines Internet etc.
- (2) They will learn to brief the topics
- (3) They will learn to express the matter in short but efficiently
- (4) They may visit industry related topic for getting idea. This will help them to develop their knowledge and ideas
- (5) They will learn to present the matter.

Topics:

1. Determine the Quantity of Casein in Milk
2. Dyeing of Wool, Silk and Cotton in Malachite Green
3. Environmental Pollution
4. Extraction of Nicotine Sulphate from Samples of Cigarettes
5. Investigation Of Foaming Capacity Of Different Washing Soap

Marking Scheme

Content	Presentation	Preparation	Photographs	Total
3	3	2	2	10

Chemistry:- Project 2

Aim: Students would be instructed to prepare project files on the topic allotted to them. The topics are mentioned below-

Methodology: - Students would be asked to give details of topic of project, draw figures or paste pictures relevant to topics

Learning outcomes:-

- (1) Students will search the detail information regarding the topics, They will have to consult different journals, books magazines Internet etc.
- (2) They will learn to brief the topics
- (3) They will learn to express the matter in short but efficiently
- (4) They may visit industry related topic for getting idea. This will help them to develop their knowledge and ideas
- (5) They will learn to present the matter.

Topics:

1. Pesticides in Fruits and Vegetables
2. Preparation Of Soyabean Milk
3. Preparation of Toilet Soaps
4. Study of Constituents of an Alloy
5. Study of Content of Ascorbic Acid in Citrus Fruits

Marking Scheme

Content	Presentation	Preparation	Photographs	Total
3	3	2	2	10



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

Project: Session-2018-19

Class- XI Com.

Project- I English Language

(Internal Assessment)

Listening & speaking Skills

Objectives (i) To inculcate attentive listening among the students and to comprehend & respond properly to the given message.

(2) To instill confidence among the speakers through public speaking

(3) To inculcate speech modulation and fluency while delivering the content.

(a) Listening Skills Assessment (10 Marks)

A Passage of about 350 words will be read aloud, twice, the first time at normal speed & the next time at a slower speed.

Students may make brief notes during the readings. They then answer objective type questions based on the passages on the paper provided to them.

* Marks will be allotted on the number of correct answers.

(b) Speaking skills Assessment (10 Marks)

Students are to be assessed through individual presentation of about three minutes followed by a discussion with the subject teacher.

Some of the themes to be addressed in the assessment are narrating an experience, giving directions or instructions on how to make or operate something, pounding a description, giving a report or expressing an opinion providing.

Judgment Criteria

Content	Linguistic ability (fluency & Pronunciation)	Grammar & Vocabulary	Confidence & Presentation
3	3	2	2

Candidates will be assessed jointly for listening & speaking skills.

Commerce:

Topic:- Corporate social Responsibilities (C.S.R.)

Project:-1 “Prepare a report on “Social Responsibility of Business. Find out the following:-

- a. Concept of Social Responsibilities.
- b. Need for Social Responsibility.
- c. Responsibility towards different interest groups.
- d. Role of Business in environmental protection
- e. C.S.R. policy of any two Indian companies ex- Reliance Industries Ltd., Godrej Industries L.t.d., Maruti Suzuki, Larson & Taubro , Mahindra & Mahindra

Learning Objectives:-

- a. To create an awareness about corporate social responsibilities.
- b. To facilitate learning by providing guidelines to the students about CSR
- c. To develop skills in collecting data and formation from different sources and presenting it
- d. To enable students to access the CSR programmes performed by different companies.

Methodology:

- a. Discuss the purpose of the project with the students.
- b. Explain the purpose of studying CSR by different companies
- c. Encourage discussion in the class.
- d. Enquire on the progress of the assignment in the class.

Learning Outcomes:

On the completion of the assignment, students should be able to:

- a. Form an opinion about the need for social responsibilities of business.
- b. Know about the various programmes performed by different companies.
- c. Make an effective presentation.

Marks Scheme

Overall Format	Content	Findings	Viva Voice based on Project	Total
2	8	4	6	20

Project-2

Topic :- Life Insurance Policies

“Prepare a report on “:Life Insurance policies . Find out the following:-

- a. Insurance : Meaning, features
- b. Types of Insurance- Fire, Life, Marine, Health, Motor, Social
- c. Life insurance- Meaning, importance
- d. Different types of life insurance polices ex- Term plan, ULIP, Endowment, Money back, Retirement plan, whole life etc.

Learning Objectives:-

- a. To create an awareness about social security concept.
- b. To facilitate learning by providing guidelines to the students about different life insurance policies.
- c. To develop skills in collecting data from different sources and presenting it
- d. To enable students to assess the importance of different types of life insurance policies.

Methodology:

- a. Discuss the purpose of the project with the students.
- b. Explain the purpose of understanding different types of life insurance policies.
- c. Encourage discussion in the class.
- d. Enquire on the progress of the assignment in the class.

Learning Outcomes:

On completion of the assignment, students should be able to:

- a. Form an opinion about various types of insurances.
- b. Know about various life insurances policies.
- c. Make an effective presentation.

Marks Scheme

Overall Format	Content	Findings	Viva Voice based on Project	Total
2	8	4	6	20

Accounts

Project 1

Topic: A detailed note on the evolution, need, objective, features of accounting

Learning objectives :

- 1- To Provide knowledge to the students about accounting process
- 2- Give the imaginary transactions data
- 3- Show the original source document
- 4- To provide in depth knowledge about various accounting terminologies.

Learning outcomes. After the completion of the project, students will be:

- 1- Able to understand about accounting process
- 2- Able to understand about transactions & events.
- 3- Able to understand various accounting terminologies

Methodology :

Students should make an in depth study of the evolution, need meaning, features objectives, functions, Distinction Book-keeping & Accounting & users of accounting information.

Marks allocation

Overall format	Content	Findings	Viva voce	Total
2	8	4	6	20

Project -2

Topic: Preparation of Journal/ subdivision of Journal, ledger, trial balance & financial statement of a trading enterprise on the basis of a case study.

Learning objectives :

1. To provide Knowledge to the students about accounting process.
2. Give the imaginary transaction data
3. Show the Original sources. Document(which is easily available)
4. To train the students for preparing vouchers
5. Tell students how to record transactions from vouchers
6. To encourage students to prepare books of accounts

Learning outcomes:-

- 1- After completion of the project students will be able to record transactions
- 2- They will be able to draw inferences from the books of accounts.
- 3- They will be independently able to make financial statements

Methodology:

Develop a case study of a sole trading starting business.

- Write in detail his transactions- purchase- cash & credit, sales, cash & Credit , Sales-Cash & credit , expenses, purchase of fixed assets & depreciation charged, any out standing & prepaid expenses accrued income, bills of exchange transactions etc.

- From this case study, pass journal entries, post them into the ledgers, prepare a trial balance & financial statements
- The various expenses for comparison purposes could be depicted in the form of bar diagram & pie charts

Marking Scheme –

Overall format	Content	Findings	Viva voce	Total
2	8	4	6	20

Economics

Project- 1

Prepare a analytical project report on “Demonetisation in India “ on the basis of following.

1. Introduction
2. Causes of Demonetisation
3. Pros and CONS of Demonetisation
4. Impact of demonetisation on Indian economy
5. Will Demonetization slow down India’s growth?
6. Conclusion

Learning Objectives:-

- * To create awareness about latest events taking place in the country.
- * To help students to understand the various causes of Demonetisation
- * To develop an understanding of impact of Demonetisation
- To develop skills in collecting data from various sources

Methodology:-

- * Discuss the assignment in class extensively
- * Explain the evaluation criteria
- * Guide students regarding sources of references.

Learning Outcomes:-

On completion of assignment students should be able to :

- * Have better understanding of Demonetisation and its impact.
- * Know the pros and cons of Demonetisation
- * Understand the implications of such policies on an economy.

Marking Scheme:-				
Overall Format	Content	Finding	Viva Voice based on the Project	Total
2	8	4	6	20

Project -2

Part –II

Prepare a Project report on “Impact of LPG policy on Indian economy” on the basis of following.

1. Introduction & Meaning
2. Define Liberalization, globalization and privatization
3. Features
4. Impact
5. The Indian economy before and after the economic reforms.

Learning Objectives:-

- * To provide basic understanding of New economic policy- L.P.G.
- * To develop an understanding of impact of Liberalization globalization and privatization
- * To create an awareness about Indian economy before and after the economic reforms

Methodology:-

- * Discuss the assignment with students
Encourage students to ask queries in class
- * Explain the evaluation criteria
- * Enquire about the progress of assignment at regular intervals.

Learning Outcomes:-

On completion of assignment students should be able to :

- * Know the meaning of liberalization, globalization and privatization
- * Understand the impact of LPG on Indian economy.
- * Know the features of LPG policy
- * Have a broad based understanding of economic development

Marking Scheme:-				
Overall Format	Content	Finding	Viva Voice based on the Project	Total
2	8	4	6	20

Home Science –Project-1

Topic: Food Adulteration

Objectives:-

- To make the students understand the effects of food adulteration
- * To develop an understanding of the necessities of food adulteration

- * To make the students learn about the type of adulterants
- * To make the student aware of the different food laws and standards
- * To make the student aware of the different certification marks given by the government of India

Methodology:- Students will be required to prepare a brief paper presentation on the following:-

- * Types of adulterants
 1. International
 2. Incidental
- * Health hazards of common food adulterants
- * Certification marks issued by the government of India like ECO, ISI, Wool marks etc.
- * Different food laws and standards in India.

Learning outcomes

After completion of project the students should have a complete understanding about the measures taken by the government to prevent food adulteration and also the types of food adulterants their effect on humans.

- * Different steps, laws and certifications issued by the government of India.

Marking Scheme:-				
Material	Content	Preparation	Innovation	Total
1	2.5	2.5	1	7

Project- 2

Consumer Education

Objectives:- To make the students understand the meaning and need of consumer Education.

- * To develop an understanding of wise buying methods.
- * To make the students know the rights of consumer and the responsibilities of a consumer.

Methodology:- Students will be required to prepare a brief paper presentation on the following:-

- * Consumer Education implies
 - Where to buy
 - When to buy
 - How to buy

- * Enumerate the problems faced by a Consumer as regards to cost, weight and measures, inadequate labelling and false advertisement.
- * Enlist the responsibilities of a consumer.
- * Explain the salient features of a consumer protection Act (COPRA)

Learning Outcome The objective of the Act is to provide for the better protection of the interests of consumer and for that purpose to make provisions for the establishment of consumer councils in each state by the respective heads.

Marking Scheme:-				
Material	Content	Preparation	Innovation	Total
1	2.5	2.5	1	7

Physical Education

VOLLEYBALL ASSIGNMENT

DEFINE FOLLOWING BY GRAPH& PICTURE

1. History of volleyball (50 word)
2. Basic general rules of volleyball
 - i. Playing area
 - ii. Rotation
 - iii. Scoring
 - iv. Team
 - v. Substitution & its rules
 - vi. The ball
 - vii. Time out ,
 - viii. Libro
 - ix. Positional-fault
 - x. Technical timeout
3. Measurement of playfield and specification of sports equipment's with net & antenna
4. Fundamental skill of volleyball
 - (a) Service

Underhand service , Jump service , Tennis service, Round arm service , Floated service , Spin service
 - b) Blocking

One men block , Two men block , Three men block

c) Spiking and smashing
Single spike , Complex spike

d) Passing
Underhand pass , Overhand pass

SOLVE ALL QUESTIONS

Q1. What are duties of referee, assistance referee and line man?

Q2. List & explain any ten faults which a player is likely to commit during a game of volleyball

Support required

Text book, Access to library, Internet

CRICKET ASSIGNMENT

DEFINE FOLLOWING BY GRAPH & PICTURE

1. Cricket history (50 word)
2. Latest general rules of cricket
 - (f) players (b) substitutes (c) boundaries (d) follow on (e) over
 - (f) batsman getting out
3. Rules Related to twenty-20 match
4. Measurement of playfield and specification of sports equipment's
5. Fundamental skills of cricket
 - A. Batting skill
 - i. Grip ii.) Stance iii) Forward defence stroke
 - iv. Backward defence stroke Cover drive v) On drive Straight drive
 - vi) Pull vii) Hook viii) Sweep shot
 - B. Bowling skill
 1. Fast bowling- in swing, out swing, off cutter, leg cutter
 2. Spin bowling- off break, leg break, top spin, googly
 - C. Fielding skill
 1. Stopping and throwing
 2. Catching- high catches, low catches
6. Terminologies related to cricket
 - i) Dolly catch ii) Maiden over iii) Hitwicket iv) Maiden over
 - v) Gully vi) Setter vii) Duck viii) Golden duck
 - ix) Bouncer x) Free hit xi) Stricker and non stricker
 - xii) Hat-trick xiii) Seam xiv) No ball

SOLVE ALL QUESTIONS

1. Specific Exercises of Warm-up and Conditioning in cricket game.
2. Explain the duties of an umpire and referee before start & during a cricket match.
3. Draw a neat cricket ground and indicate all correct point of fielding.

Support required

Text book, Access to library, Internet

Marks will be allotted for discipline also



CHILDREN'S ACADEMY

Affiliated to the CISCE, New Delhi

Project-2018-19

Class XII Sc.

Subject: Physics

Objective Students would be told to prepare a working model and project report on the topic allotted to them. The topic are as follow.

Topics : Automatic Night Lamp, Multileveled car parking, clap switch, Full wave Rectifier, Water Level Indicator.

Methodology: Students will be told to prepare a working model and a write up on the topic allotted to them.

Students would be able to

Learning

- Outcome**
- i) Learn about the various electronic parts used in the model.
 - ii) Assemble the various components used in making the circuit of model

Marking Scheme

Content	Preparation	Presentation	Result	Total
3	3	2	2	10

Biotechnology:-

Aim: Project on Role of genetics in detecting crime.

Methodology: -

The candidates are to creatively execute one project on one aspect of Biotechnology. Students will search for the topic on internet, magazines, journals etc., compile and present it in comprehensive form(Hand written)

Learning Outcomes: -

They would learn in detail about the topic. They would get an insight into the vast scope of Biotechnology

Marking Scheme

Content	Presentation	Diagrams photos	Neatness	Total
3	3	3	1	10

Biology:-**Aim: -**

The candidate is to creatively execute one project on any one aspect of Biology. They will choose from the following topics:-

→ Biodiversity

→ PCR

→ Complementary genes

Methodology: -

Students will search for the topic on internet, journals, magazines, Newspapers etc They will collect, compile and present the matter in hand written form with diagrams, Photos etc

Learning outcome: -

Students would get insight into the topic and they would learn about the procedure to present their topics in appreciable form.

Marking Scheme:-

Content	Procedure	Diagrams photos	Conclusion	Total
2	3	3	2	10

Chemistry: -

Aim:-

Students would be instructed to prepare project files on the topic allotted to them. The topics are mentioned below-

Methodology: -

Students would be asked to give details of topic of project, draw figures or paste pictures relevant to topics.

Learning outcomes:-

- (1) Students will search the detail information regarding the topics, They will have to consult different journals, books magazines Internet etc.
- (2) They will learn to brief the topics
- (3) They will learn to express the matter in short but efficiently
- (4) They may visit industry related topic for getting idea. This will help them to develop their knowledge and ideas

(5) They will learn to present the matter.

Topics:

- (1) Content of Cold Drinks Available in the Market
- (2) Effects of Heat on Vitamin C in Tomatoes
- (3) Biodiesel
- (4) Synthesis and Decomposition of Aspirin
- (5) Synthesis and Characterization of a Self-Healing Polymer
- (6) Evaluation of Drinking Water from Various Sources

Marking Scheme

Content	Presentation	Preparation	Photographs	Total
3	3	2	2	10



CHILDREN'S ACADEMY

(Affiliated to the CISCE, New Delhi)

Jaipur

Project Work Session: 2018-2019

Subject: Commerce

Class- XII Com.

Project 1: Commerce

Topic: Business Environment

From the following companies, choose any one company, study its business environment and prepare its SWOT analysis.

- Asian Paints
- Bajaj Auto
- Wipro
- Larsen Tubro
- Tata Motors
- Infosys
- Sun Pharma Industries
- Hero Motocorp

Find out the following:

- Business Environment – Meaning, Importance
- Company Profile
- Company History
- Key Person
- Vision Statement
- Organisational Structure
- Marketing Strategy
- SWOT Analysis

Learning Objectives:

- To create an awareness about Business Environment of Corporate world.
- To facilitate learning by providing exposure of the corporate world.
- To develop skills in collecting information from different sources and presenting it using appropriate aids.
- To enable students to assess the SWOT analysis of companies.

Methodology:

- Discuss the purpose of the project with the students.
- Explain the purpose of analysing companies SWOT analysis.
- Encourage discussion in the class
- Enquire on the progress of the assignment periodically.

Learning Outcomes:

On completion of the assignment, students should be able to:

- Form an opinion about business environment of companies
- Know about the importance of studying business environment.
- Make an effective presentation.

Marks Scheme

Overall Format	Content	Findings	Viva- Voice based on Project	Total
2	8	4	6	20

Project 2: Commerce

Topic: Recruitment and Selection Procedure

Prepare a report on “Recruitment and selection Procedure” of any two Indian companies.

Find out the following:

- Staffing – Meaning, Steps
- Recruitment – Meaning, Steps, Sources
- Selection – Meaning & Steps in the selection procedure
- Any two Indian Companies selection procedure

Learning Objectives:

- To create an awareness about recruitment and selection procedure adopted by companies.
- To facilitate learning by providing guidelines to the students about staffing process.
- To develop skills in collecting information from different sources and presenting it using appropriate aids.
- To enable students access the steps taken by corporate sectors to fulfill their Human resources Management.

Methodology:

- Discuss the purpose of the project
- Explain the purpose of doing the given assignment.
- Encourage discussion in the class.
- Enquire on the progress of the assignment periodically.

Learning Outcomes:

On completion of the assignment, students should be able to:

- Form an opinion about company recruitment and selection procedure.
- Know about the Human Resource Management.
- Make an effective presentation.

Marks Scheme

Overall Format	Content	Findings	Viva- Voice based on Project	Total
2	8	4	6	20

Project 1: Economics

Prepare a project report on 'Fiscal Policy' on the basis of the following points:

- Meaning & objectives of Fiscal Policy.
- Instruments of Fiscal Policy.
- Public Revenue: - 1. Meaning
2. Sources
3. Comparative study of present and past tax system.
- Public Expenditure
- Public Debts

Learning Objectives:

- To create an awareness about Fiscal Policy in India.
- To create an understanding about various sources of Public Revenue.
- To broaden students perspective on India’s tax system.
- To help them to understand the various methods of debt-redemption.

Methodology:

- Explain the purpose of the assignment.
- Guide students regarding sources of information to be used.
- Encourage students to discuss their queries.

Learning Outcomes:

On completion of the project students will be able:

- To know the meaning & instruments of fiscal policy.
- To know the difference between present and past tax system.
- To know the different types of public expenditure and debts.
- To organize and present information collected in a Coherent manner.

Marking Scheme

Overall Format	Content	Findings	Viva- Voice based on Project	Total
2	8	4	6	20

Project 2: Economics

Prepare a project report on “Balance of payments and exchange Rate” on the basis of following points:

- Meaning and Components
- Categories of BOP
- Bop Disequilibrium
- Foreign exchange Rate

Learning Objectives:

- To develop an understanding towards the foreign trade.
- To make the students understand about the various components of Balance of payment.
- To create an awareness about determination of foreign exchange rate.

Methodology:

- Discuss the purpose of the project with students.
- Explain the method of doing the project.
- Enquire the progress of the assignment periodically.

Learning Outcomes:

On completion on assignment students should be able to:

- Know about the various accounts maintained by the country to keep the record of foreign trade.
- Know about the different method of determination of exchange rate.
- Know about the various transactions of balance of payments.

Marking Scheme

Overall Format	Content	Findings	Viva- Voice based on Project	Total
2	8	4	6	20

Project 1: Accounts

Preparation of Journal/ subdivision of Journal, Ledger, Trial Balance & Financial statements of a Partnership Firm of business on the basis of a case study.

Learning Objectives:

- To understand the concept of Partnership, Firm, Partners, Features of Partnership Firm.
- To understand the concept of Partnership Firm accounting.
- To prepare the income statement and Balance sheet of Firm.
- To prepare and understand the Profit & Loss Appropriation Account.

Learning Outcomes:

- Student will be able to understand about Partnership Firm.
- They will understand the difference between Partnership Firm and Sole trading concerns.
- They will be able to prepare the Income statement & Balance Sheet of Partnership Firm.
- They will be able to prepare the necessity & importance of Profit & Loss Appropriation Account.

- Develop a case study showing how two or more friends decide to come together & start a business with certain amount of capital.
- Prepare their Partnership Deed including interest on capital, partners salary, commission, interest on drawings, interest on partners loan & rent paid to a partner.
- Write in detail, their transactions during the year: Purchases- cash & credit, sales- cash & credit, expenses, purchase of fixed assets & depreciation charged on them, any outstanding expenses, prepared expenses accened income, drawing, bills of exchange, accepting bills payable etc.
- From the case study developed (which should have at least 15 transactions), pass the Journal entries, post them in to the Ledger, prepare a trial balance & the trading and Profit & Loss Account, Profit & Loss appropriation A/c and the Balance Sheet.
- The various expenses for comparison purpose could be depicted in the form of bar diagrams & pie charts.
- Calculate relevant account ratios like liquidity, solvency, activity & profitability giving their formulae and computation.
- The ratios could be shown graphically and/ or pictorially.

Marking Scheme

Overall Format	Content	Findings	Viva- Voice based on Project	Total
2	8	4	6	20

Project 2: Accounts

Preparation of a Cash Flow statement with the help of audited/ unaudited imaginary Balance Sheet of a company for two consecutive accounting years or two consecutive quarters of an accounting year could be taken along with at least five additional information (depreciation, purchase/ sale of fixed Assets, dividend paid, proposed, tax paid/ proposed amortization of intangible assets, profit or loss on sale of fixed assets.)

Learning Objectives:

- To make students understand the concept of cash flow statement.
- To prepare the cash flow statement viz. Operating Activity, Investing Activity and Financing Activity.
- To make students understand the practical overview of CFS.
- To prepare the various supporting Accounts.

Learning Outcomes:

- After making the CFS students will be able to understand the practical implications of CFS.
- They will be able understand the AS-3 related to CFS.
- They will be able to tally the Net increase/ Decrease in cash and cash equivalents with the closing balance of cash.
- The results of the operating investing & financing activities could be shown graphically.

Marking Scheme

Overall Format	Content	Findings	Viva- Voice based on Project	Total
2	8	4	6	20

Project 1: Home Science**Topic:**

Management of Agriculture Produce (Storage and Preservation)

Objective:

To make the students learn about the management of Agriculture Produce.

- To understand the causes for spoilage of food.
- How food is to be stored according to its nature i.e. perishable, semi-perishable and non-perishable.
- To understand simple methods of food preservation.

Methodology:

Students will be required to prepare a brief paper presentation on the following:

- Factors contributing to food spoilage.
- Importance and principles of food preservation.
- General idea of storing common foods at home.
- Simple methods of preservation like bacterial method, Dehydration, Refrigeration, Chemical preservation ie salting and use of sugar etc.

Learning Outcome:

After completion of the project students should be able to know and understand the complete management of agriculture produce i.e. from Causes, Storage and methods of food preservation.

Marking Scheme

Preparation	Presentation	Organization	Skill	Total
1	2.5	2.5	1	7

Project 2: Home Science

Topic:

Understanding Labels

Learning Objective:

- To understand the concept of labelling.
- To learn about the component of a good and informative label.
- To compare different labels in terms of mandatory requirements and information.

Methodology:

Students will be required to prepare a brief paper presentation on the following:

- Gather three labels, three each from the following categories:
(i) Food Products (ii) Cosmetics/ Soaps/ Detergents (iii) Medicines
- Read the collected labels and record the observation.
- A good label could also have the following information.
(a) Registered Trademark (b) Direction of Use
(c) Descriptions of raw ingredients with method of processing
(d) Possible adverse effects.
- Give suggestions on how the labels could be improved.
- Describe the visual appearance of the labels.

Learning Outcome:

The objective of the Act is to provide for the better protection of the interests of Consumer. A label gives information about a product to a consumer which is printed or posted on a package.

Marking Scheme

Preparation	Presentation	Organization	Skill	Total
1	2.5	2.5	1	7

Project 1: Physical Education

VOLLEYBALL ASSIGNMENT

DEFINE FOLLOWING BY GRAPH& PICTURE

1. History of volleyball (50 word)
2. Basic general rules of volleyball
3. Measurement of playfield and specification of sports equipments with net & antenna
4. Fundamental skill of volleyball
 - (a) Blocking
 - (1) One men block (2) Two men block (3) Three men block
 - (b) Passing
 - (1) Underhand pass (2) Overhand pass
 - (c) Spiking and smashing
 - (1) Single spike (2) Complex spike
 - (d) Service
 - (1) Underhand service (2) Tennis service (3) Spin service
 - (2) Floated service (5) Round arm service
 - (2) Jump service

SOLVE ALL SHORT ANSWER TYPE QUESTIONS:-

- Q1. Explain how games and sports are helpful in promoting national integration among the players.
- Q2. List the various career options available in the field of physical education. Discuss any four of them in detail.
- Q3. What is meant by bruises? Mention five measures that can be taken by an individual to prevent sports related accidents.

- Q4. What are duties of referee, assistance referee and line mans in volleyball game?
- Q5. List & explain any ten faults which a player is likely to commit during a game of volleyball.
- Q6. Explain the following:
(i) Assisted hit (ii) Penetration fault
Expand the following:
(i) FIVB (ii) VFI (iii) AVF (iv) UVA (v) JVA
- Q7. Briefly explain the following:
- (i). Seeding and byes
 - (ii). Knock-out or elimination tournaments
 - (iii). League or Round Robin tournaments.
 - (iv). Combination tournament
 - (v). Challenge tournament
 - (vi). Draw a fixture of 17 team knock out tournament & Consolation tournament type 1st and type 2nd

Support required

Text book, Access to library, Internet

CRICKET ASSIGNMENT

DEFINE FOLLOWING BY GRAPH & PICTURE

1. cricket history (50 word)
2. latest general rules of cricket
(a) players (b) substitutes (c) boundaries (d) batsman getting out
3. Rules Related to twenty-20 match
4. Measurement of playfield and specification of sports equipments
5. Fundamental skills and Terminologies of cricket

A. Batting skill

- (1) Grip (2) Stance (3) Forward defence stroke

- (4) Backward defence stroke Cover drive (5) On drive (6) Straight drive
(7) Pull (8) Hook (9) Sweep shot

B. Bowling skill

1. Fast bowling- in swing, out swing, off cutter, leg cutter
2. Spin bowling- off break, leg break, top spin, googly

D. Fielding skill

1. Stopping and throwing
2. Catching- high catches, low catches

6. Terminologies related to cricket

- (1) Dolly catch (2) Maiden over (3) Hitwicket (4) Maiden over
(5) Gully (6) Setter (7) Duck (8) Golden a duck (9) Dead ball
(10) Bouncer (11) Free hit (12) Stricker and non stricker
(13) Seam (14) No ball

SOLVE ALL SHORT ANSWER TYPE QUESTIONS

- Q1. Explain the term disability. State the general principles of prevention of disability.
Q2. Explain the effects of exercise and training on the human respiratory system.
Q3. What is meant by tampering of ball? Mention any two ways by which a ball is tampered.
Q4. Expand and explain the following:
(1) ICC (2) BCCI (3) WCAI
Q5. Specific Exercises of Warm-up and Conditioning in cricket game.
Q6. Explain the duties of an umpire and referee before start & during a cricket match.
Q7. Draw a neat cricket ground and indicate all correct point of fielding.

Support required

Text book, Access to library, Internet

Marks will be allotted for discipline also