

PROJECT WORK - 2018-19
GRADE – X
PROJECT WORK [SUBMISSION DATE: 2nd JULY, 2018]

ENGLISH LANGUAGE

- Question 1)** You are incharge of a group, which shall go camping next month. Your friend who is unwell at present will join in later. Write a letter to this friend informing him/her where all the members have to meet, how you will travel to your destination, and what things you should carry with you and how you will return home. [5]
- Question 2)** You are representing your country at the BRICS meet where a programme of school students will highlight an important movement in their country. As an Indian select monument, Hawa Mahal, Akshardham Temple, Qutb Minar, Shore Temples of Madurai, Victoria Memorial, Taj Mahal, or any other. Write a speech addressed to the congregation highlighting the monument you have chosen. Show the relevance of this monument to the meet and the aims of the five countries. [15]
BRICS- Brazil, Russia, India, China, South Africa.

ENGLISH LITERATURE

- Question 1)** Think of a character (you create) in Venice, who is as young and noble as Bassanio, but he does not like Bassanio or his ways. This man is called Leonardo. Tell Bassanio's story from the view point of Leonardo, well after the time Bassanio goes back to Belmont with Antonio and Gratiano. [10]
- Question 2)** Consider the poem 'After Blenheim'. You are either Wilhelmine or Peterkin. As one of them, narrate what you heard from your grandfather as a child, about the famous battle of Blenheim where the English defeated the French. Express your feelings then, and in the present when you are a grown person. [10]

HINDI

- izu 10 1&** "njin"ku dny euljatu dk l k/ku gh ugha vfi r q Kku ofn/k dk ek/; e rFkk tu&tkxj.k dk l k/ku Hkh gA ijarqu, purya ds vkus ds ckn bl l s l kldfrd inik.k Hkh QSy jgk gA** bl dFku ds i{k rFkk foi{k ea vius fopkj 0; Dr dhft, A ¼kCn l d; k 500½
- izu 10 2&** "l i[kh Mkyh", dkdh ds vk/kkj ij l Hkh ik=k dk ifjp; nrs gq nknk emjkt ,oa Nk/h cgw cyk dh pljfd= d fo"ksrk, Li'V dhft, A

HISTORY & CIVICS

- Topic 1)** Prepare a report on the contributions of the following agencies of United Nation UNESCO, WHO, UNICEF and present a case study of any recent human rights violations.

GEOGRAPHY

- Topic 1)** Need for industrialization in India, the latest trends and its impact on Indian Economy.

PHYSICS

- Topic 1)** Discuss the importance of refraction of light in our daily life with the help of suitable examples and write about the lens and its types, uses of lens, Image formations by lens.
- Topic 2)** Write the types of motion, when a body is moving in a straight path and circular path. Discuss about the centre of gravity for different shapes.

CHEMISTRY

Assignment 1)

- 1- Prepare a report on the basis of following points (under pollution)
 - (a) Sources of air/water pollution
 - (b) Name major pollutants. Write the chemical reactions taking place during the process of pollution.
 - (c) Health hazards involved.
 - (d) Measure to control pollution.
 - (e) Influence of pollution on any historical monument in India.

Assignment 2)

- 2- Prepare a report on metallurgical operations on the basis of following points:
 - (a) Occurance of ores in different parts of our country.
 - (b) Names of the ores with their corresponding metals.
 - (c) Extraction of three metals from their ores.

BIOLOGY

Topic 1) Make a Project on Human Evolution and theories of evolution (Lamarck and Darwin theories) with reference to human ancestors.

Topic 2) Pollution, Effects of pollution on climate, environment and human health. Control measures. A brief mention of “Swach Bharat Abhiyan”- A National Campaign for Clean India.

MATHEMATICS

Question 1) Comparative newspaper coverage of different items.

Question 2) Survey of various types of Bank Accounts, Rates of interest Offered.

ECONOMICS

[SEQUENCE-: Name, Contents, Acknowledgement, Introduction of Project Work- All the topics to be mentioned, Objectives of Project Work, Detailed matter, Conclusion, Bibliography]

TOPIC 1

Explain “The Productive Mechanism” by defining “Factors of Production” (definition, characteristics, importance) Agents of production, their remuneration and their impact on the production structure of an economy.

TOPIC 2

Explain Law of Demand with the help of individual and market demand schedule. Explain movement and shift of the demand curve with the help of hypothetical schedule and graphs (e.g. Extension, Contraction, Increase, and Decrease).

TOPIC 3

Survey for understanding the Functions of any commercial organisation (survey of sugar factory, school, commercial bank, telephone exchange, rice mill, private or public company, local firm/industry), Students must submit following documents: -

- (i) Questionnaire.
- (ii) Your Photograph in the organisation while conducting the survey should be pasted inside the file (Date and time must be mentioned on it) and one passport size photograph in school uniform should be pasted on the cover page of the file.
- (iii) A file explaining functions and importance of it to local and national economy and write your findings with conclusion.

COMMERCIAL STUDIES

[SEQUENCE:- Name, Contents, Acknowledgement, Introduction of Project Work- All the topics to be mentioned, Objectives of project Work, Detailed matter, Conclusion, Bibliography]

TOPIC-I

Students need to submit a file and make a Power Point Presentation on the following topics and copy the same in the “Smart Class” for Class-X.

(i) Marketing, (ii) Selling, (iii) Sales Promotion, (iv) Personal Selling, (v) Advertising, (vi) Publicity (vii) Advertising Agency : meaning and functions only (viii) Social Advertising Media-Concepts and examples only.

TOPIC-II

Consumer awareness amongst households through designing a ‘Questionnaire’ and collection of primary data with a file covering following captions: -

- (1) Consumer Movement: A Global History.
- (2) Consumer Protection Act 1986 & its Features.
- (3) Reasons for Consumer’s Exploitation.
- (4) Need for Consumer Protection.
- (5) Importance of Consumer Awareness.
- (6) Basic Concepts under the Consumer Protection Act(Consumer, Complaint, Class Complaint, Persons who can file a complaint, period for filing complaint.)
- (7) Rights and Duties of a Consumer.
- (8) Machinery for Redressal of Consumers’ Grievances.
- (9) Questionnaire [for at least 10 Customers with their passport size photograph, Signature, Address & Mobile No. and your Photograph with the customers in the locality should be pasted inside your file(Date and time must be mentioned on it)]
- (10) Write your findings with Conclusion.

TOPIC-III

Survey for understanding the Functions of any commercial organisation (survey of sugar factory, school, commercial bank, telephone exchange, rice mill, private or public company, local firm/industry), Students must submit following documents: -

(i) Questionnaire, (ii) Your Photograph in the organisation while conducting the survey should be pasted inside the file (Date and time must be mentioned on it) and one passport size photograph in school uniform should be pasted on the cover page of the file, (iii) A file explaining functions and importance of it to local and national economy and write your findings with conclusion.

COMPUTER APPLICATIONS

Question 1) Make a Menu Driven Program to Print the following number system program-

- a) Spy No
- b) Niven no
- c) Magic No
- d) Perfect No
- e) Armstrong No

Question 2) Any five programs based on object oriented Approach.

Question 3) Triangle Structures (Minimum 10) to be made using Menu Driven Approach.

Question 4) Prepare a report on History of Java.

Note: Output Screen of the program to be posted with every Application along with the hand written matter.

HOME SCIENCE

[Sequence – Name, Contents, Acknowledgement, Introduction of Project work, All the topics to be mentioned, Objectives of Project Work, Detailed matter, Conclusion, Bibliography]

- Topic 1** Removal of common stains from clothes/fabrics- oil/curry/turmeric, blood, dye, ink and grass.
- Topic 2** Finding out from parents about planning of household budget and saving methods.
- Topic 3** Care of clothing: Laundering of cotton and silk.
- Topic 4** Collect labels from packages of food, clothing and consumer durables; study and analyse the information given in these labels.
- Topic 5** Various innovative table layouts, napkin folding and creative decorations.

PHYSICAL EDUCATION

Prepare a Project File on any two games under following heads:

- History of Game
- Court or field (with proper measurements and Diagram)
- Fundamental Skills
- Equipments and Safety Gears (with diagram and measures)
- Four National and International Players' Name (with picture)
- Four national and International Tournaments' name.
- Governing Body of the game at National and International Level.
- Four Methods of Fitness and Training.

S.U.P.W.

- 1- **File Work:** **Write on the following topics:**
- Meal Planning and Food Preservation
 - Leather work
 - Cutting, Stitching and Tailoring
- 2- **Community Service:**
Awareness drive on 'Health and Hygiene'. Students must bring a gift pack of cleanliness and sanitation products like – Handwash, Napthalene balls, Floor wiper, Harpic, Dettol, Phenyl etc. These articles should be placed properly in a basket covered with cellophane sheet.
- 3- **Project:**
Students are required to prepare centre table cloth of size 40 inch by 60 inch with the help of embroidery.
Or
Students are required to prepare a decorative wall hanging using glass painting.

