

Summer Holiday Homework 2018-2019

Class-X

ENGLISH

English Language

Write a composition (300-350 words) on the following topic :

With reference to your experiences as a teenager , describe the various joys and challenges of adolescent life.

From **TOTAL ENGLISH , CLASS X** , do the following :

Practice Paper 6 , question 4 a and 4b

question 5 a , b , c , and d.

Date of Submission : 21.06.2018

English Literature

An Angel In Disguise

‘ “What is to be done with the children ?” That was the chief question now. The dead mother would go underground, and be forever beyond all care or concern of the villagers. But the children must not be left to starve.’

- i. Who adopted John and Kate ? What were the reasons behind this action ?
- ii. Who brought Maggie home ? What were his reasons behind doing so ?
- iii. According to you , who is the ‘angel’ in the story ? Give reasons to justify your answer .

The Cold Within :

- (i) Explain the phrase ‘their dying fire in need of logs ’.
- (ii) Why did the first person refuse to part with his/her log of wood ? Which trait of his/her character is brought out through this action ?

The Merchant Of Venice :

- (i) With reference to **Act III, scene 1** , discuss the various reasons why Shylock wanted to avenge Antonio .

(To be done in file paper)

Submitted to the respective teachers on **25.06. 2018.**

HINDI

हिंदी परियोजना कार्य

- जय शंकर प्रसाद द्वारा रचित कोई कहानी
- लेखक परिचय (५० शब्द) चित्र सहित
- कहानी का सारांश सम्बंधित चित्र सहित (१५० शब्द)
- मुख्य पात्र का चरित्र चित्रण (१५० शब्द)
- कहानी का उद्देश्य, भाषा शैली, कहानी के संबंध में विद्यार्थी के विचार
- जमा करने की तिथि -- 25-06-18 तथा 30-06-18

BENGALI

ব্রহ্মীন্দ্রনাথ ও নারী এবং বর্তমান সময়

Do research on the topic (project to be done in the class)

MATHEMATICS

Page 1 . Name, Unique ID, Session, Subject

Page2. Index

Page3. Introduction of 3D figure supported by picture.

Page 4. Application in Real life supported by picture.

Page 5,6 Derivation of Curved Surface Area and total surface area of a solid cylinder.

Page 7,8 Comparison of area of cylinders formed when rectangle is folded lengthwise and breadth wise.

Page 9 Derivation of volume of a cylinder

Page 10. Comparison of volume of cylinders formed when rectangle is folded lengthwise and breadth wise.

Page 11. Conclusion

Page 12. Acknowledgement

Page. 13 . Bibliography.

Date of Submission :- 26.6.2018

HISTORY

Project topic

1. Present a life sketch and contributions of any one of the following Presidents of India-

- Dr. Rajendra Prasad
- Dr. S. Radhakrishnan
- Dr. A.P.J Abdul Kalam (or any other).

OR

2. Highlight the work and achievements of any one Noble Laureate-

- Malala Yousafzai
- Kailash Satyarthi

Project Format:

1. 1st Page: Name of the Child, class, section, name of the school and subject (eg: History ICSE Project 2018-2019)
2. 2nd page: Topic
3. 3rd Page: Contents
4. 4th Page : Introduction (A brief background of their early life)
5. 5th Page & 6th Page: Role played by them
6. 7th Page & 8th Page: Their achievements
7. 9th Page: Conclusion (Your learning experience)
8. 10th Page: Bibliography.

Date of Submission: 2nd of July 2018

GEOGRAPHY

Page no 1 topic of the project.

Page no 2 Acknowledgement.

Page no 3 Contents.

Page no 4 and continue till page 10 :Introduction: Definition of tourism, classification of tourism with examples (Tabular format). Name of the major tourist destinations of India. Economic importance of tourism.

Selection of any 2 two tourist spots of India (Case study 1 and 2) and make a detailed study of the same under the following headings:

Show the location in the mp of India. Write about the location.

Major tourist spots/attractions of that place. (Support with photographs)

Write about the historical background of the tourist spot (Picture and map in the white page)

Hotels and hospitality.

Human occupation (Pictures of the tribal as well as modern occupation)

Future prospects.

Use pictures maps news paper cuttings, statistical representations to support the data given.

Page limit: 15

Approximate time to be taken 10 days (If they work ½ an hour / day)

Guidelines For Marking :

Criteria	Preparation	Procedure	Observation	Inference/results	Presentation
	Complete theoretical information using relevant geographical terms.	Objectives of the project.	Studies text materials and makes a list.	Use of techniques to support the investigation.	Neatly and correctly stated statement.

Date Of Submission: 06.07.2018

COMMERCIAL STUDIES

Project 1

Advertising – a form of art

- Introduction - Meaning
- Features
- Advantages
- Disadvantages
- Code of conduct by Advertising Council Of India
- Details of an Advertising Agency and its functions – designing a copy etc.
- Advertising Media
- Conclusion – Advertising and its importance in the commercial world.

Date of submission :- 22.6.18

Project 2

Community Participation And Public Awareness For A Better Environment.

- Introduction
- What are the problems we are facing as environmental hazard,
- What are the different types of pollutants,
- What are the movements organized,
- How to protect our environment, Sustainable development, Government rules and laws, International scenario.
- Conclusion

Date of submission: 13.07.2018

COMPUTER APPLICATION

Question 1:

Write a program to input ten numbers, and count how many are Krishnamurthy. ($145=1!+4!+5!$)

Use the following functions:

inputs(): Inputs ten numbers from the user using Input StreamReader.

factorial(): Returns the factorial of a number.

iskrishnamutry(): Checks if a number is Krishnamurthy.

main(): Main function in the program.

Question 2.

Write a menu driven program using functions to perform the following:

- (a) To find the sum of the series up to the limit given by user i.e. $2+3+5+7+11+\dots$
- (b) To print the following pattern:

000
001
010
011
100
101
110
111

Question 3.

a) WAP to calculate the sum of the following series. Use the function `int fact(int)` for calculating the factorial.

$$S = \frac{1}{2!} - \frac{2}{5!} - \frac{4}{10!} + \frac{8}{17!} - \frac{16}{26!} - \frac{32}{37!} + \frac{64}{50!} \dots \dots n \text{ terms}$$

Question 4

Write a program to display all **DISARIUM** numbers upto 2000. A number will be called **DISARIUM** if sum of its digits powered with their respective position is equal with the number itself.

e.g; 135 is a **DISARIUM**

(Workings $1^1+3^2+5^2 = 135$, some other **DISARIUM numbers** are 89, 175, 518 etc)

Question 5

Input a number and print the digits with the highest frequency. If more than one digit is having highest frequency, all of them will be printed

e.g1 : input 212342

output Digit 2, frequency 3

e.g 2;

input 24542

output Digit 2, frequency 2

Digit 4 , frequency 2

Date of Submission : 19.07.2018

ECONOMICS APPLICATION

Elasticity of demand (Project)

- Index – Introduction
- Price elasticity of products
- Conclusion
- Bibliography

Changes in demand (Assignment)

- Difference between extension and contraction of demand
- Difference between increase and decrease of demand
- Difference between extension and increase of demand
- Difference between contraction and decrease of demand

Date of Submission: 03.07.2018