

Summer Holiday Homework 2018-2019

Class-VIII

ENGLISH

ENGLISH LITERATURE

PROJECT (To be completed during the summer holidays).

1. Prepare a Powerpoint presentation (maximum 10 slides) on the **LIFE AND WORKS OF SAROJINI NAIDU** :

Life of the poet : 5 slides

Works : Choose any one poem written by Mrs.Naidu and discuss it , mentioning why you chose or liked it. (5 slides)

The above mentioned presentation should be brought to school in a pen drive and shown and explained to the teacher and students as per the date decided by the respective English teachers.

2. Frame a dialogue between Anne and Mrs. Allan where Anne explains how the layer cake turned out to be a disaster and apologises for the same as Mrs. Allan comforts and forgives her. (10 marks)

The dialogue should be written in file paper (not more than 2 pages) and ***submitted to the respective English teachers on June 21, 2018.***

HINDI

हिन्दी परियोजना कार्य

मेरा भारत महान

- भारत के विषय में एक कविता चित्र सहित। (10-12 पंक्तियाँ)
- भारत की प्राकृतिक सुंदरता का वर्णन चित्र सहित। (डेढ़ पृष्ठ)
- भारत के किन्हीं तीन महापुरुषों के विषय में अनुच्छेद लेखन।(डेढ़ पृष्ठ)
- जमा करने की तिथि- 30 जून,2018 ।

BENGALI

BENGALI PROJECT

মানব কল্যাণে বিজ্ঞান

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

MATHEMATICS

Algebra

1. Find the following product:-

a) $(x+2)(x+9)$ b) $(p-9)(p+2)$ c) $(4x-2y)(4x-3y)$ d) $(8x-5)(8x+3)$

2. Using special product, find the value of each of the following :-

a) 99×101 b) 105×92 c) 105×104 d) 199×202 e) 95×97

3. If $a + \frac{1}{a} = 2$, find $a^2 + \frac{1}{a^2}$

4. If $a - \frac{1}{a} = 3$, find $a^2 + \frac{1}{a^2}$

5. Using suitable identity, evaluate the following:-

a) $(103)^2$ b) $(98)^2$ c) $(559)^2$ d) $(20.3)^2$

6. Expand each of the following:-

a) $(2x+3y)^2$ b) $(3x - \frac{4}{3})^2$

7. If $x - \frac{1}{x} = 8$ find (i) $x^2 + \frac{1}{x^2}$

8. Subtract $3a+4b-5c$ from $9a+15b-13c$.

Rational Number

1. The product of two rational number is $\frac{15}{7}$. If one number is $\frac{25}{9}$, find the other number.

2. The sum of two rational number is $-\frac{16}{9}$. If one number is $\frac{14}{3}$, find the other number.

3. Find the product :- $\frac{12}{5} \times \frac{15}{8} \times \frac{32}{36}$.

4. Divide :- $\frac{13}{5} \div \frac{104}{75}$

5. Find three rational numbers between 2 and 3.

6. By what number must $\frac{1}{26}$ be divided to get $\frac{-8}{39}$?

7. I read $\frac{3}{8}$ of a book in one day and $\frac{4}{5}$ of the remainder on another day. If there were 30 pages left to be read, how many pages did the book contain?

8. A tank is $\frac{5}{8}$ full and 75 litres are required to fill it up. How much can the tank hold?

Sets

1. In a group of 50 boys, 35 like horror movie, 30 like war movie and 5 like neither. Find the number of those that like both.

2. In a class of 60 pupils, 28 play hockey, 33 play cricket and 14 play none of these games. Draw Venn diagram to find:

- i. How many play both the game
- ii. How many play hockey only
- iii. How many play cricket only.

3. Let $A = \{a, b, c, d, e\}$, $B = \{a, c, e, g\}$, $C = \{b, e, g, f\}$. Then verify the following

- i. $B \cup C = C \cup B$
- ii. $A \cup (B \cap C) = (A \cup B) \cap C$

4. Let $E = \{x | x \in \mathbb{Z}, -4 < x < 4\}$, $A = \{x | x \in \mathbb{W}, x < 4\}$, $B = \{x | x \in \mathbb{N}, 2 < x < 4\}$

Find A' and B'

5. Let A be the set of letters in word "seed". Find A , $n(A)$, number of sub sets.

6. Use the Venn diagram to find $A \cup B$, $A \cap B$, $B - A$, $A - B$, A' , A .

7. In a group of persons, each one knows either Hindi or Tamil. If 84 persons know Hindi, 36 know Tamil and 25 know both, how many persons are there in all, in the group?

8. In a club three-tenths of its members play cards only and four-tenths play carom only. If 15 members play none of these games and 90 play both, find using Venn-diagram, the total number of members in the club.

HISTORY

Topic : Expansion Of The British Rule (Dual Government)

Q. Make a comparative study between the Dual Government established by the British during the 18th century and the Dual Government of India in the 21st century. (200Words)

Suggestions:

- Where did the powers lie?
- Who was and is the real head?
- What was/is the source of power for both the systems?
- Effectiveness of the two systems.
- Areas of dissatisfactions regarding the present system (any 2 points)

Date Of Submission 29.06.2018

(Assignment To Be Done In The Exercise Copy.)

GEOGRAPHY

Project Work

Topic:-Representation of Geographical Features through Contours.

1.Introduction- (Page 1 ,2)

Definitions of topographical map,Contour lines,Contour interval,Spot heights,Interpolation of contours from spot heights

(Fig.Contour lines,Spot heights,Interpolation of contours)

2.Identifying Landforms Through Contours-(Page 3,4,5,6)

A.Gentle and Steep slope(definitions and drawing of cross sections of contours)

B.Conical hill(definition and drawing of cross section of Conical hill)

C.Plateau(definition and drawing of cross section of Plateau)

D.Ridge,Saddle,Col(definitions and drawing of cross sections of Ridge,Saddle,Col)

E.Gap,Pass(definitions and drawing of cross sections of Gap,Pass)

3.Settlement Patterns-(Page 7)

Nucleated,Linear and Dispersed Settlements(definitions and drawing of three types of settlement patterns)

4.Conclusion-(Page 8)

Date of Submission : 13.07.2018