SAVITRI DEVI DAV PUBLIC SCHOOL, JAMTARA

SUMMER VACATION HOLIDAY HOMEWORK

SESSION: 2024-25

CLASS –IX

Subject - English

1. Go through the novel 'Gulliver's Travels' by Jonathan Swift and the drama 'Macbeth' by William Shakespeare and pen down the character sketch of Lamuel Gulliver and Macbeth in 80-100 words each.

2. Go through the poem 'The Dove' by John Keats and write what does the poet want to convey to his readers through the poem?

3.Define the following terms of English in brief with examples.

a)Sonnet b)Ode c)Elegy d)Metaphor e)Personification f)Oxymoron

4.Write a descriptive paragraph which starts with the given lines and the lines are

"Once there was a solitary tree by the roadside. The tree was tall and green....

N.B.-(In order to provide the vivid detail, you must

use language that appeals to the reader's five senses: sight, smell, sound, taste, and touch.)

5.Answer the given questions.(From English Litererature)

a)How did Toto use his body parts to his advantage?

b)Was grandfather wise in selling back Toto to the tonga-driver at last? How?

c)What new experience would the child have learn after he had lost himself in the fair?

d)Would you like to attend virtual class?Why/Why not?

6.Use the suitable forms of verbs to fill in the blanks.

a)He _____ not _____ any mistake so far. (commit)

b)He alone has_____ the burden of his family. (bear)

c)She _____ on the bed as she was tired. (lie)

d)I _____ his challenge. (accept)

e)She _____ a tragic death. (die)

f)He____to school every day.(walk)

N.B.-[For Question No.1,2,&3,Internet consultation can be sought.]

<u>विषय - हिंदी</u>

- 1. पठित पाठों के प्रश्न उत्तर याद करें।
- 2. (क) यात्रा वृत्तांत लेखन का उद्देश्य और लाभ क्या है ?
 - (ख) कबीर के विचारों को व्यक्त करें।
 - (ग) 'विविधता का देश: भारत' पर एक अन्च्छेद लिखें।
 - (घ) पर्यावरण संरक्षण की आवश्यकता को उद्धृत करते हुए अपने मित्र को एक पत्र लिखें।
 - (ङ) हीरा और मोती के स्वभावगत अंतरों को लिखें।

परियोजना कार्य

'गर्मी' और 'वर्षा' पर आधारित चार-चार कविताएँ संकलित कर उपयुक्त चित्रांकन करें। साथ ही एक-एक कविता स्वयं से (मौलिक) लिखें।(चैनल फाइल में)

विषयः- संस्कृतम्

1) विस्तार पत्रिकोपरि (चार्ट पेपर पर) संस्कृत -प्स्तकस्य वन्दना श्लोकानि शिवस्य

चित्र - सहितं लिखन्तु रञ्जयन्तु च।

2) प्रथम पाठरूय श्लोक -

सहसा विदधित ----- स्वयमेव संपदाः ।

श्लोकस्य व्याख्या स्व भावानुसारेण कुरुत।

सन्धियुक्त पदानां सन्धि सन्धिविच्छेदं च कुरुत।

3) वर्ण -विन्यासं कुर्वन्तु -:

स्वबालापत्यस्य, अगस्त्यमुनिः निरीक्षकः।

4) घटनाक्रमानुसारेण वाक्यानि लिखत।

5) प्रथम पाठस्य शब्दार्थाः लिखत!

Subject - Mathematics

1) Find a rational number between -3 and 5.

- (2) Insert 10 rational numbers between $-\frac{3}{11}$ and $\frac{8}{11}$.
- (3) Express $\frac{2157}{625}$ in the decimal form.
- (4) Express 0.54 in the form of $\frac{p}{q}$.

(5) Define

i. Rational number ii. Irrational number.

(6) Find three different irrational numbers between the rational numbers $\frac{5}{7}$ and $\frac{9}{11}$.

(7) Find the value of $0.\overline{23}+0.\overline{22}$.

- (8) Evaluate $\left(\frac{2}{11}\right)^4 \times \left(\frac{11}{3}\right)^2 \times \left(\frac{3}{2}\right)^3$.
- (9) Find the value of *x* if $5^{x-3} \times 3^{2x-8} = 225$.

(10) If
$$\frac{\sqrt{3}-1}{\sqrt{3}+1} = a + b\sqrt{3}$$
 find a and b

- (11) Simplify $\frac{4+\sqrt{5}}{4-\sqrt{5}} + \frac{4-\sqrt{5}}{4+\sqrt{5}}$.
- (12) If $x = 3 2\sqrt{2}$ find $x^2 + \frac{1}{x^2}$
- (13) Evaluate each of the following Using identities:(a) 991×1009. (b) 117×83
- (14) Write the following in expanded form: (a) $(-x+2y+z)^2$. (b) $(x-2y-3z)^2$
- (15) If a+b=10 and ab=21 find the value of a^3+b^3 .
- 16) Evaluate 25³ -75³+50³.
- 17) If a-b=5 and ab=12 find the value of a^2+b^2 .
- 18) Define Polynomials.
- 19) Write the degree of the polynomial $(X+y)^3 (x-1)^3$.
- 20) Find the value of k, if (x-1) is a factor of 2x³+9x²+x+ k.
 Activity 1.- To construct a square root spiral.
 Activity 2- To verify the algebraic identity (a+b)³=a³+b³+3a²b+3ab².

SUB: SCIENCE

Answers the following questions.

1. What are the characteristics of the particles of matter?

2.A diver is able to cut through water in swimming pool. Which property of matter does this observation show?

b) 573 K

3. Give reason-

a)300 K

A gas fills completely the vessel in which it is kept.

A gas exerts pressure on the walls of the container.

4. Convert the following temperature into Celsius Scale-

5.Suggest a method to liquefy atmospheric gases.

6.Why does a desert cooler cool better on a hot dry day?

7. What types of clothes should we wear in Summer?

8. Why is ice at 273 K more effective in cooling than water at the same temperature?

9.Draw and label the diagram of a Plant Cell.

10.Draw and label the diagram of an Animal Cell.

11.Write the difference between Plant and Animal Cell.

12.Write the difference between Prokaryotic and Eukaroytic Cell.

Subject- S.St.

Q1.What was Estates General?

Q2. Name the most continuous range of Himalayas.

Q3.In October 1999, which Pakistani general led a military coup?

Q4.Who was the leader of the jacobin club?

Q5. Whom did Louis XVI get married to?

Q6.What is the standard Meridian of India?

Q7.Name the place situated on the three seas.

Q8.Who was mirabeau?

Q9.when was the Bastille prison stormed?

Q10. Explain the term 'secular state' .

Q11. Why is Indian Ocean named after India? mention any three reasons.

- Q12. Which period of France is known as 'the reign of terror' and why ?
- Q13. Differentiate between active and passive citizens.
- Q14.Explain any three demerits of democracy.
- Q15. Highlight the Effects of the French Revolution on the life of the common people in France.

Q16.What were the main causes of the French Revolution?

Q17. How was National Assembly in France recognised?

Q18. 'India has a large coastline which is advantageous' explain .

PROJECT WORK (from chap-1.Geography) on chat paper.

Q19. Find out the longitudinal and latitudinal extent of India.

Q20.Collect information about the ' silk route'.

Subject - IT

1.Write in detail about all types of Non-Verbal communication.

2. What is the importance of communication? Explain it.

3.Define all the mantras of self management.

4.Explain about some important keys of self management.

Project

Create a project in channel file on the topic "Communication Cycle".

The project must contain at least 5 pages.