

SAVITRI DEVI DAY 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 Literature)
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.]

विषय - हिंदी

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 अनुच्छेद 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)

विषय:- संस्कृतम्

- 1) विस्तार पत्रिकोपरि (चार्ट पेपर पर) संस्कृत -पुस्तकस्य वन्दना श्लोकानि शिवस्य चित्र - सहितं लिखन्तु रञ्जयन्तु च।
- 2) प्रथम पाठस्य 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 $25^3 - 75^3 + 50^3$.
 - 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 $2x^3+9x^2+x+k$.
- Activity 1.- To construct a square root spiral.
- Activity 2- To verify the algebraic identity $(a+b)^3=a^3+b^3+3a^2b+3ab^2$.

The project must contain at least 5 pages.