



D.A.V PUBLIC SCHOOL, SASARAM

H.A & P.W for DURGA PUJA VACATION

Class - VIII

Sub.- Maths

Q.1 The estimated costs of decorating three sections of a pandal are given below.

Entrance. $2x^2 + 5x + 8$

Main stage. $3x^2 - 2x + 6$

Lighting. $x^2 + 4x + 3$

Answer the following:

1. Find the total cost as a simplified polynomial.
2. Find the difference between the main-stage and lighting costs.
3. Calculate the total cost when $x = 5$
4. Identify the degree and coefficients of the total-cost polynomial.

Q.2 Prepare a labelled geometric design containing a square, rectangle, parallelogram and rhombus.

For each quadrilateral:

1. Draw both diagonals.
2. Record whether the diagonals bisect each other.
3. Check whether the diagonals are equal.
4. Check whether the diagonals intersect at right angles.
5. Write the properties that distinguish the four shapes.

Subject - English

1. Research a famous fictional detective, such as Sherlock Holmes.

Prepare a report describing the detective's methods of observation and logical reasoning.

Subject - Social Science

Q1-Agriculture not only ensures food security but also contributes to the development of other sectors of the economy. Justify the statement with suitable examples.

Q2- Make a report on Heroes of the revolt 1857.

Q3- What would happen if there were no rules and regulations in the school? Make a list of duties to be followed by the students of your school.

Subject -- Hindi

निम्नलिखित प्रश्नों के उत्तर अपनी हिंदी की उत्तर पुस्तिका में लिखिए।

* दहेज प्रथा को समाप्त करने में युवाओं का क्या योगदान हो सकता है?

* कविता 'दोपहरी' के किस अंश ने आपको प्रभावित किया और क्यों?

P.W. (Project Work)

निम्नलिखित विषयों में से किसी एक विषय पर चार्ट पेपर पर सुंदर एवं आकर्षक परियोजना तैयार कीजिए।

* समास * उपसर्ग एवं प्रत्यय * तत्सम एवं तद्भव शब्द

* स्वर संधि * विशेषण

निर्देश: परियोजना में विषय से संबंधित परिभाषा, भेद एवं उदाहरण स्पष्ट एवं सुंदर ढंग से प्रस्तुत कीजिए।

Subject -- Sanskrit

प्रश्न: १. भगवान् श्रीरामस्य विषये संस्कृते दश वाक्यानि लिखत तथा तस्य चित्रम् अपि रचयत।

प्रश्न: २. पाठ्यपुस्तकात् संस्कृते सप्त सूक्तीः लिखत।

Subject - Science

HA for DP Vacation class 8 Science 1) (HA)

Draw a neat, labelled diagram of the human eye and explain the functions of its main parts.

What are myopia and hypermetropia? Write their causes and the methods used to correct them.

2). Project Work (PW)

Prepare a colourful chart showing the structure of the human eye and write five tips to keep our eyes healthy.