



DELHI PUBLIC SCHOOL GAYA

(Under the aegis of the Delhi Public School Society, New Delhi)
Affiliated to C.B.S.E, New Delhi Affiliation No.330530, School Code – 65572

DURGA PUJA HOLIDAY ASSIGNMENT CLASS-IX (ACADEMIC SESSION: 2024-25)

Are you looking for some interesting fun learning assignment to make your learning session interesting and engaging? Here in this assignment, you will find some very interesting and engaging tasks that will be fun solving.

ENGLISH LANGUAGE AND LITERATURE (184)

1. Keeping the context of the poem "No Men are Foreign" in mind, write an essay (200-250 words) on the importance of global unity and understanding.
2. Analyse the message that Oscar Wilde wanted to convey through Swallow's character in the chapter "The Happy Prince" and relate its importance in the contemporary society in 200-250 words.

हिन्दी (085)

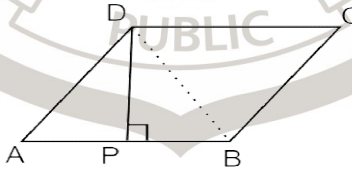
1. 'दुर्गा-पूजा' पर पुत्र/पुत्री एवं माँ के बीच होने वाली बातचीत को लगभग 100 शब्दों में संवाद के रूप में लिखिए।
2. माँ दुर्गा के नौ रूपों का कोलाज तैयार कीजिए।
3. 'गीत-अगीत' कविता के आधार पर प्रकृति के साथ पशु-पक्षियों के सम्बन्धों पर अपने विचार लगभग 70 से 80 शब्दों में लिखिए।

SANSKRIT (122)

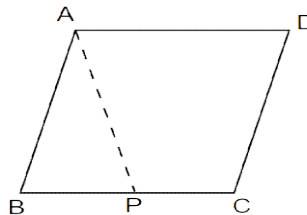
हलन्तशब्दान् (राजन्, भवत्, विद्वस्, गुणिन्), सर्वनामशब्दान् (अस्मद्, युष्मद्, तत्, एतत्, किम्) च लिखित्वा सम्यक् रूपेण स्मरणं करणीयम्।

MATHEMATICS (041)

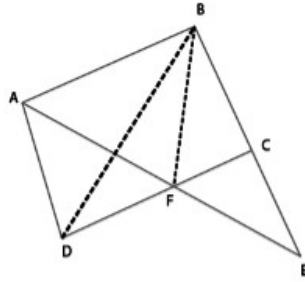
1. ABCD is a rhombus in which altitude from D to side AB bisects AB. Find the angles of the rhombus.



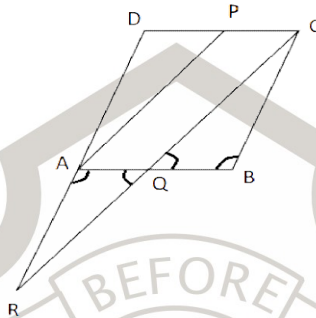
2. P is the mid-point of side BC of a parallelogram ABCD such that $\angle BAP = \angle DAP$. Prove that $AD = 2CD$.



3. ABCD is a parallelogram in which BC is produced to E such that CE = BC. AE intersects CD at F. If $\text{ar}(\triangle DFB) = 3 \text{ cm}^2$, find the area of the parallelogram ABCD.



4. P is the mid-point of the side CD of a parallelogram ABCD. A line through C parallel to PA intersects AB at Q and DA produced at R. Prove that $DA = AR$ and $CQ = QR$.



5. **Activity:** By paper cutting method show that diagonals of a parallelogram bisect each other. For reference check the following link.

<https://www.youtube.com/watch?v=4GTEZuvvaA4>

SCIENCE (086)

Complete the following Practicals in the Practical File

PHYSICS

- Verification of the Laws of reflection of sound.
- Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

CHEMISTRY

Complete the following Practicals in the Practical File

- Determination of the melting point of ice and the boiling point of water.
- How will you study the phenomenon of sublimation.
- How does the rate of evaporation of different liquids differ?
- Perform the following reactions and classify them as physical or chemical changes:
 - (a) Iron with copper sulphate solution in water
 - (b) Burning of magnesium ribbon in air
 - (c) Zinc with dilute sulphuric acid
 - (d) Heating of copper sulphate crystals
 - (e) Sodium sulphate with barium chloride in the form of their solutions in water
- Preparation of:
 - (a) a true solution of common salt, sugar and alum
 - (b) a suspension of soil, chalk powder and fine sand in water

- (c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of
- transparency
 - filtration criterion
 - stability

BIOLOGY

Complete the following Practicals in the Practical File

- How to study the parts of a compound microscope and their functions.
- How to study a plant cell?
- How to study an animal cell?
- How to study the process of osmosis?
- Preparation of a stained temporary mounts of human cheek and onion peel cells.
- How to identify different types of plant tissues?
- Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants.

SOCIAL SCIENCE (087)

1. Project Topic: Different types of vegetation and the colonial forest policy and its impact on forest societies.

Topics to be combined are:

History – Forest Society and Colonialism

Geography – Natural Vegetation and Wildlife

(Compare the forest situations prevailed at pre- colonial, colonial and post- colonial era. Evaluate the growth & role of commercial forestry in different types of Vegetation. Analyse the reasons for rebellions at forest areas of south East-Asia with specification to JAVA. To defend the role of government and the local communities in protecting the forest cover. To devise ways to protect the forest vegetation and wildlife in India.)

Note: Kindly paste relevant pictures (2 or 3) in your project file.

COMPUTER APPLICATIONS (165)

1. Create the given poster in MS-Word and change the details given here:



- (a) Use page background to change the background of the page.
(b) Change the date and address.

- (c) Get the colour print out of the poster and submit it in a file.
2. Create a brief PowerPoint Presentation on Microsoft Word 2010, describing all its components and features, including your details on the first slide and submit the colour print out in a file.

