

DELHI PUBLIC SCHOOL

GAYA

CLASS – VII ASSIGNMENT-III FOR WINTER VACATION 2017–18

Instruction: – Kindly do your assignment work in assignment copies of the subjects.

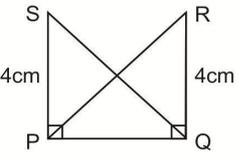
Subject : English

1. Recall or imagine a situation in which you felt scared. What did you do- did you behave foolishly or were you brave? Did you seek someone's help or did you deal with the situation on your own? Has the situation taught you something? Write a 150 word paragraph.
2. Write a newspaper report with the title 'Relocation of Orphan Baby Rhino' based on the hints given below.
Three months old rhino orphan- mother killed by hunters- forest officials anxious about calf's safety- tranquilize baby- transfer to safety place- gave sanctuary.
3. Create a newspaper advertisement to sell any products of your choice. The product can be real or imaginary.

Subject : Hindi

1. अपने माता-पिता की विशेषताएँ लगभग 120 शब्दों में लिखिए।
2. गया शहर किन कारणों से प्रसिद्ध है? माता-पिता/अभिभावक के सहयोग से लिखिए।
3. गया शहर एवं बोधगया के प्रसिद्ध स्थलों का कोलाज बनाकर संक्षिप्त विवरण लिखिए।

Subject : Mathematics

1. What do you mean by 'order of rotational symmetry'? What is the order of rotational symmetry of a rectangle? Mention the angle of rotation.
2. In the given figure, \overline{SP} and \overline{RQ} are perpendicular on the same line. 
Prove that $\triangle PQS \cong \triangle PQR$.
3. Prove that in an isosceles triangle. The angles opposite the equal sides are equal.
4. A dice was thrown 20 times and the following were the outcomes.
2, 3, 3, 2, 2, 5, 4, 6, 5, 1, 4, 2, 6, 6, 6, 1, 6, 4, 3, 6. Prepare a frequency table and calculate the mode.

Subject : Science

PHYSICS

1. What is lateral inversion? Show lateral inversion in a plane mirror with suitable diagram.
2. Draw a ray diagram to show dispersion of light through a prism.
3. Draw a ray diagram to show image formation in a plane mirror.
4. What is reflection of light? State laws of reflection of light.

CHEMISTRY

1. Draw a labelled diagram to show waste water treatment plant.
2. Explain the relation between sanitation and disease.
3. Draw a labelled diagram to show soil profile.

BIOLOGY

1. Draw a labelled diagram to show different parts of a flower.
2. Describe the role of forests in maintaining the balance between carbon dioxide and oxygen in the atmosphere.
3. Draw a labelled diagram to show fertilization in a flower.

Subject : Social Science

1. On an outline map of India, shade the regions inhabited by the tribal communities that lived in medieval India. Use a colour code and create an index to list those tribal communities.
2. Certain animal species such as Dodo, Great auk, Tasmanian wolf and Blaabok have become extinct. Choose any one of these extinct animals and find out :-
 - i) Where they were found?
 - ii) Their food habits.
 - iii) How were they useful to human beings?
 - iv) How did they become extinct?
 - (v) Paste a photo of the chosen animal.
3. Imagine you and your friends have formed a political party. Write an election manifesto for your party. Also design an election symbol. Remember that the symbol should reflect the central thought/principle of your party. Also write elaborately that how will you carry on your election campaigning.
4. "Jago Grahak Jago" is a consumer awareness programme launched by the Indian government. Answer the questions given below with reference to the "Jago Grahak Jago" programme :
 - (i) When was the programme launched?
 - (ii) What are the main features of the programme?
 - (iii) How far is the programme successful?

Subject : Sanskrit

1. चित्र वर्णनं कुरुत ।
चित्र सं० – 1, 2, 3
2. वार्त्तालापं पूरयत ।
वार्त्तालाप सं० – 1 एवं 2
3. ऋतुराज वसन्तोपरी पञ्चवाक्यानि लिखत ।
4. भवान स्वपरिजनेन सह भ्रमणाय उष्णप्रदेशे गच्छत तत्रत्य चित्रं नित्वा गृहं आगत्य पितृभ्याम् सह मिलित्वा एका चित्र मञ्जूषा (एलबम) रचयत ।
5. सूक्ति, श्लोक, कथा आदि संग्रहित्वा कक्षा पत्रिका निर्माणं कुरुत ।

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