DELHI PUBLIC SCHOOL
GAYA
CLASS – VIII ASSIGNMENT-1 FOR SUMMER VACATION 2018–19

SUBJECT – ENGLISH

1. Imagine yourself to be a resident of India in the year 2050. Write about the technological advancements that have taken place. It could be about spaceships, robots. Be imaginative and write about your life. Give an appropriate heading.

2. Write a letter to the editor of a local newspaper on the issue of the lack of a playground in your area: (Hint: Children have no place to play- area surrounded by towering buildings- as a result they are watching more television, playing video games- no activity- leading to health problems like obesity- would request the concerned authority to seriously think on the issue- perhaps building a central park would solve the problem)

3. Imagine yourself to be your father for sometime. Write an interesting self-portrayal including details of how you spent your childhood, details about your parents and your family, your qualifications and your hobbies. Mention your plans and dreams for your family.

4. The famous rock group 'Metallica' is performing in your school. Make a poster to draw the attention of children to the once-in-a-lifetime opportunity to enjoy the rocking performance of Metallica. Make a poster and inform them about the details of the programme and its highlight. The poster may be issued on behalf of 'The Music Lovers' Society' of your school.

SUBJECT – HINDI

1. पूर्वोतर राज्य मिज़ोरम का प्राकृतिक सौंदर्य, वहाँ की जातियों एवं उपजातियों के रहन – सहन रीतिरिवाज एवं सामाजिक जीवन के बारे में विस्तार से लिखिए।

2. आपके नौकर के घर कीर्तन अथवा धार्मिक कार्यक्रम हो रहा है। उसमें आपके परिवार को आमंत्रित किया गया है। आप वहाँ जाएँगे या नहीं? तर्क सहित लिखिए।

3. टी.वी. में दिखाए जाने वाले विज्ञापनों में आपको सबसे अच्छा लगने वाले किसी एक विज्ञापन के बारे में कारण सहित लिखिए।

4. पुरानी चीज़ों एवं परम्पराओं का जीवन में क्या महत्त्व है? माता – पिता से पूछकर अनुच्छेद लिखिए।

5. मोबाइल के सदुपयोग एवं दुरूपयोग पर प्रकाश डालिए।

SUBJECT – MATHEMATICS

1. Find 3 rational numbers between ¼ and ½.

2. Represent -2/11 ,-5/11 on the number line.

3. Find the value of 'm' from the following equations:

   (a) $2^{m-3} = 1$ (b) $27^m = \dfrac{9}{3^m}$

4. Find the value of :

   $$9^{\frac{3}{2}} - 3 \times 5^0 - \left(\frac{1}{81}\right)^{\frac{-1}{2}}$$

5. If $\dfrac{p}{q} = \left(\dfrac{5}{7}\right)^{-5} \div \left(\dfrac{7}{5}\right)^{7}$, find the value of $\left(\dfrac{q}{p}\right)^{-3}$.

SUBJECT – SCIENCE

Physics

1. A pulley makes the work easier by changing the direction of force. How does this help?
2. Design an experiment to show that air expands on heating and contracts on cooling. You can use a metal can, water and a stove to design this experiment.
3. A brick 25cm long, 10cm wide and 8 cm thick is lying on the ground. If its weight is 24N, find the pressure exerted by the brick on the ground.
4. Calculate pressure when a force of 5N is applied on an area of 5cm.
5. Explain with diagram to show that liquid exert the same pressure in all direction at a given depth.

Chemistry

1. Why are plastics used in a variety of items?
2. What are the advantages of using a plastic container?
3. Name the monomer units of the following :
   a) Cellulose   b) Polyester
   c) P.V.C   d) Polyethene
4. Why are plastic bottles commonly used to store chemicals in a chemistry laboratory ?

Biology

1. What is transplantation? Write its advantage.
2. What is organic forming? Is it beneficial or not, give reason.
3. A farmer sprayed pesticides in his wheat field, he fell ill soon after. What went wrong with him?

SUBJECT – SOCIAL SCIENCE

1. Prepare a list of cities with details of their :
   - historical past
   - Economic activities
   - Customs
   - Infrastructure
2. Find out the natural resources which are found in the Chotanagpur region. Explain their uses (any two).
3. What were the positive impacts of British rule in India? List their contribution.

SUBJECT – SANSKRIT

1. भगान स्वपरिजनेन सह कुत्रचित् परिभ्रमणाय गच्छतु ततः आगत्य स्वस्मृत्याधारेण दश वाक्यानि रचयतु।
2. शब्दरूपाणि स्मरत्।

   रमा, छात्र, तत्, उष्मद्, युष्मद्
3. धातु रूपाणि स्मरत्।

   गम्, खाद् (आत्मनेपद एवम् परस्मैपद)
4. विद्यालये गीष्मावकाशः कथं भवति एवं गीष्म् ऋतु कीदृशं भवति इति विषयमाघृत्य लेखं लिखत।
5. कालिदासस्य जीवनस्य कार्यस्य च विषये लेखं लिखत्।

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