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-VII (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

1. **Read the following passage and answer the following questions:**

   It was a bright, sunny day when Amelia decided to explore the dense forest near her village. She had heard many stories about the forest—some said it was enchanted, while others warned it was dangerous. But Amelia was curious and adventurous, and she believed the forest held secrets waiting to be discovered.

   As she ventured deeper, the trees grew taller, and the sunlight began to fade, replaced by the eerie shadows of the towering branches. Birds chirped occasionally, but soon, they seemed to disappear into the quiet. Amelia noticed strange plants and flowers she had never seen before, their vibrant colors seeming almost unnatural.

   After walking for an hour, she stumbled upon a small, clear stream. The water sparkled as though it held tiny stars. Amelia knelt down to drink, and just as she touched the water, she heard a soft whisper, "Turn back." Startled, she looked around but saw no one. Thinking it was her imagination, she continued walking.

   Suddenly, the air grew cold, and the trees seemed to close in around her. The path she had been following was now barely visible. Panic started to set in. Just then, a figure appeared before her—an old woman with kind eyes and a weathered face.

   "You shouldn't be here, child," the woman said softly. "This forest is not what it seems."

   Amelia, scared but curious, asked, "What do you mean? Why is everyone afraid of this place?"

   The old woman smiled sadly and replied, "This forest has a life of its own. It protects itself from those who come with greed or fear. But you, my dear, are different. You seek knowledge, and for that, the forest may show you its secrets. But beware, not all secrets are meant to be known."

   With that, the old woman disappeared as quickly as she had come, leaving Amelia standing alone, unsure whether to continue or return.

   (a)   Why did Amelia decide to explore the forest despite the warnings?

   (b)   What unusual things did Amelia notice as she ventured deeper into the forest?

   (c)   What did Amelia hear when she touched the water of the stream?

   (e)   Who did Amelia meet in the forest, and what advice did the person give her?

   (f)   Why did the old woman say the forest protects itself?

   (g)   What do you think Amelia will do next? Give your opinion based on the passage.

2. Describe how you celebrated Navratri this year, including the preparations, rituals, and festivities you participated in. Reflect on your favourite part of the celebration and how it connects you to your culture or religion. Add photos to showcase your Navratri experience.

हिन्दी

1. माँ दुर्गा के कितने रूप हैं? किन्हीं दो रूप से संबंधित पौराणिक कथाओं को संक्षेप में लिखिए।

2. दशहरा के दिन रावण का पुतला क्यों जलाया जाता है? इसका सामाजिक महत्व क्या है? लिखिए।

3. दुर्गा–पूजा कब और क्यों मनाया जाता है? इस पूजा के पारंपरिक वस्त्र क्या हैं?

SANSKRIT

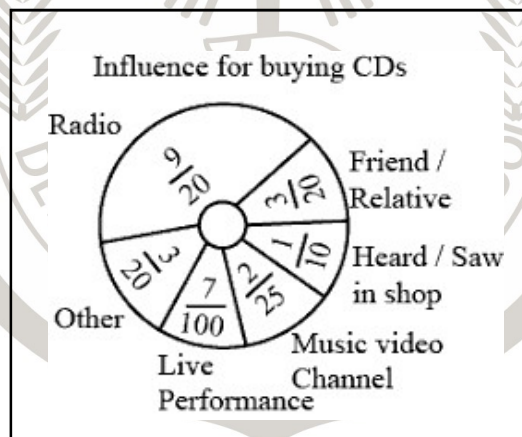बालक, लता, फल, मुनि---शब्दरूप और गम्, पठ्, खाद्, वद्---धातुरूप (लट् लङ् लृट्) लिखें।

MATHEMATICS

1. Meteorology: One measure of average global temperature shows how each year varies from a base measure. The table shows results for several years.

Year	1956	1964	1965	1978	2002
Difference from base	0.10°C	–0.17°C	–0.10°C	$\left(\frac{1}{50}\right)$°C	0.54°C

See the table and answer the following:

(a) Order the five years from coldest to warmest.

(b) In 1946, the average temperature varied by –0.03 from the base measure. Between which two years should 1946 fall when the years are ordered from warmest to coldest?

2. In a survey, 200 students were asked what influenced them most to buy their latest CD. The results are shown in the circle graph.

(a) How many students said radio influenced them most?

(b) How many more students were influenced by radio than by a music video channel?

(c) How many said a friend or relative influenced them or they heard the CD in a shop?

3. In a Mathematics quiz, 30 prizes consisting of 1st and 2nd prizes only are to be given. 1st and 2nd prizes are worth ₹2000 and ₹1000, respectively. If the total prize money is ₹52,000 then show that:

(a) If 1st prizes are x in number, the number of 2nd prizes are _____.

(b) The total value of prizes in terms of x are _____.

(c) The equation formed is _____.

(d)   The solution of the equation is _____ .

(e)   The number of 1st prizes are and the number of 2nd prizes are _____ .

4. In our own planet Earth, 361,419,000 square kilometre of area is covered with water and 148,647,000 square kilometre of area is covered by land. Find the approximate ratio of area covered with water to area covered by land by converting these numbers into scientific notation.

5. Solve: $\frac{2}{3}(x-5) - \frac{1}{4}(x-2) = \frac{9}{2}$

SCIENCE

Portfolio work:

1. With the help of an experiment show how to obtain a pure copper sulphate crystals from an impure sample.

2. Draw a simple pendulum and explain how it works.

Model making:

3. Make a 3D model of rain water harvesting.

Assignment notebook:

4. Out of a line graph, a pie chart and a bar graph which one is the most suitable to show:
    (a)   runs scored in various overs of a cricket match ?
    (b)   variation of a distance covered by a car with time?
    (c)   percentage composition of air?

5. Rajesh had forgotten to paint the new Iron railing of their terrace. After a few month he was surprised to see the iron railing covered with the reddish brown, flaky substance. Rajesh wandered if there's is a way to fix the problem.
    (a)   What is the reddish brown flaky substance formed on the iron railing?
    (b)   What type of change is the formation of this fleaky substance on the iron railing?
    (c)   Name two ways by which you can prevent rusting.

SOCIAL SCIENCE

1. Analyze the Amazon rainforest as a case study of human-environment interaction. How do economic activities like logging and mining impact the ecosystem, and what are the efforts to balance development and conservation?

2. Global Influence of Bhakti: How has the Bhakti tradition spread beyond India? Discuss its influence on global spirituality, especially in movements like ISKCON (International Society for Krishna Consciousness).

3. On an outline political map of India, demarcate the following regions where key Bhakti Saints and Movements emerged:
    (a)   Varanasi (Uttar Pradesh): Associated with Kabir,
    (b)   Punjab: Mark Amritsar, associated with Guru Nanak
    (c)   Vrindavan (Uttar Pradesh): Associated with MeeraBai
    (d)   Tamil Nadu: Mark Srirangam, a major center for Alvar saints
    (e)   Andhra Pradesh: Mark Tirupati,
    (f)   Pandharpur (Maharashtra): Associated with SantTukaram and SantNamdev,
    (g)   Rajasthan: Mark Merta, associated with Meera Bai, a devotee of Krishna.
    (h)   Bengal: Mark Nabadwip, associated with Chaitanya Mahaprabhu.

Note: Students will complete the assignments in their respective assignment notebooks.

INFORMATION AND COMMUNICATIONS TECHNOLOGY

1. (a) How would you convert a decimal number to a binary number and vice versa? Explain the steps.
   (b) Can you create a Nested List in HTML with two levels in HTML?
   (c) How would you make a List Item bold or Italics in HTML? Explain with example.
   (d) How would you add an ALT attribute to an image in HTML? Under which circumstances you use ALT attribute? Explain

2. (a) Explain Tokenization in NLP.
   (b) What is Sentiment Analysis? Explain.
   (c) What is Regression and Classification in Supervised Learning?
   (d) What will be the output of the following HTML code?
   ```
   <html>
   <head>
   <title> My school</title>
   </head>
   <body bgcolor= "green">
   <h1> Hello students</h1>
   <p>I'm  a student of DPS Gaya</p>
   </body>
   </html>
   ```
   (e) Browse the internet and explore on tasks and techniques of NLP.
   (f) Browse the internet and explore more on Machine Learning.
   (g) Explore more on features of Python. Also explain different operators in Python.

GERMAN

Task 1: Create a poster about your favorite hobby and also describe in few lines in German.

Task 2: Pair up with a classmate and have a short conversation in German about your daily activities or your weekend plans.

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