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

DIWALI & CHHATH PUJA HOLIDAY ASSIGNMENT CLASS-VI (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. Watch the movie Big Hero 6 and write 5 lines about the main theme of the movie. Focus on the concepts of teamwork and friendship. Paste a picture of your favourite character from the movie.

2. Choose the correct option from the words given in the brackets:
   (a) The bouquet of roses __ (is/are) beautiful.
   (b) Each of the students __ (was/were) given a prize.
   (c) Neither the teacher nor the students __ (has/have) arrived yet.
   (d) The team __ (play/plays) well together.
   (e) A bag of apples __ (cost/costs) 50 rupees.
   (f) The children __ (is/are) playing in the park.
   (g) Either my mom or my dad __ (is/are) picking me up today.
   (h) Everyone __ (love/loves) their new classroom.
   (i) The committee __ (decide/decides) on important matters.
   (j) Ten kilometers __ (is/are) a long distance to walk.

3. "Friendship is born at that moment when one person says to another: 'What! You too? I thought I was the only one.'" – C.S. Lewis
   Can you think of a time when you felt a strong connection with a friend after realising you both shared the same feelings? Describe that moment and what it meant for your friendship.

हिन्दी

1. दिवाली मनाने के संबंध में कौन—सी पौराणिक कहानी पारंपरिक रूप से सुनाई जाती है? 50 से 60 शब्दों में लिखिए।

2. पटाखों के प्रयोग से हम अपने पर्यावरण को किस प्रकार प्रदूषित कर रहे हैं? अपने विचार लिखिए।

3. छठ—पूजा मुख्यतः किन—किन राज्यों में मनाया जाता है? इसमें किसकी पूजा होती है? 50 से 60 शब्दों में लिखिए।

4. दीपावली या छठ—पूजा से संबंधित एक मॉडल तैयार कीजिए ।

5. कार्ड—बोर्ड पर रंगोली पाउडर / चावल के आटे / कागज़ से रंगोली का एक डिजाइन तैयार कीजिए।

SANSKRIT

"दीपोत्सव:" - विषय के आधार पर एक चित्र बनाएं और सरल संस्कृत में 10 वाक्य लिखें।

** चार्ट पेपर के माध्यम से काम करें।

MATHEMATICS

1. Give reasons for the following:
   (a) A square can be thought of as a special rectangle.
   (b) A square can be thought of as a special rhombus.
   (c) A rectangle can be thought of as a special parallelogram.
   (d) A square is also a parallelogram.

2. In an isosceles ΔABC, the bisectors of $\angle B$ and $\angle C$ meet at a point O. If $\angle A=40°$, then find $\angle BOC$.

3. (a) How many degrees are there in the angle between the hour and the minute hand of a clock when it is 6'O clock?
   (b) If there are 36 spokes in a bicycle wheel, then find the angle between a pair of adjacent spokes?

4. In an army camp, there were provisions for 425 men for 30 days. How long did the provisions last for 375 men?

5. Add the following:
$$(2 + x - x^2 + 6x^3), (-6 - 2x + 4x^2 - 3x^3), (2 + x^2), (3 - x^3 + 4x - 2x^2)$$

6. Represent the following angle by paper folding:
   (a) A straight angle
   (b) A right angle
   (c) An acute angle
   (d) An obtuse angle
   (e) A reflex angle
   (Use paper, pencil, ruler, colours etc.)

7. Make a model of railway-track to show parallel lines.

SCIENCE

Portfolio work:

1. Draw and name two unicellular organisms in an A4 size paper.

Project work:

2. Make a working model of torch using sustainably sourced materials and an electric cell, piece of wire, switch, bulb etc.

Assignment Notebook:

3. Name the member of your family who had the longest life span. Discuss his lifestyle and mention at least five healthy habits he/she had adopted.

4. What do you mean by phototropic movement? Find out and mention at least three flowers which open their petals during the day and close during the evening or night.

5. Suggest any three ways to dispose off electrical appliances or gadgets safely without harming the environment.

SOCIAL SCIENCE

1. Explain the significance of the Tropic of Cancer in relation to India's geography.
2. How many states and union territories does India have? List all states and their capitals.
3. Name the major physical divisions of India and explain each briefly (e.g., Northern Mountains, Northern Plains, Desert, Plateau, Coastal Plains, Islands).
4. Who was Ashoka, and which dynasty did he belong to?
5. How did Ashoka become the ruler of the Mauryan Empire? What challenges did he face after ascending the throne?

INFORMATION AND COMMUNICATIONS TECHNOLOGY

1. Write the function of following shortcut keys –
   (a) Ctrl + Home
   (b) Ctrl + F1
   (c) Alt + F4
   (d) Ctrl + Z
   (e) Ctrl + P
2. Write a program in Python to display the name, age and grade that are entered by the user.
3. Write a program in python to display the values of the variables in new lines using escape sequence.
4. What are the applications of Python?
5. Who created first electronic spreadsheet?
6. Evaluate the following expressions-
   (a) >>>2*3.14*5
   (b) >>>"HAPPY"+"DIWALI"
   (c) >>>8**3
   (d) >>>54/9*8-7+15
   (e) >>>4+5/3*8-5

GERMAN

Task 1: Create a "Mein Tagesablauf" (My Daily Routine) Chart

Task 2: Role Play: Im Supermarkt (At the Supermarket)

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