DIWALI HOLIDAY ASSIGNMENTS (2025-26)
GRADE -VII

ENGLISH

1. In the chapter "Mystery of the talking Fan" The poet talks about the fan like an actual person. This method in language is known as personification. Imagine that you were a fan in the showroom waiting to be purchased and then one fine day someone buys you off the shelf. Write a short autobiography of your life as a fan.

Points to consider:

- Different ways in which people use you.
- our condition states during the different season
- your favourite person in the house any other appliances
- who are your friend

2. Make five sets of motivational and inspirational bookmark

HINDI

Q1) विशेषण वृक्ष" बनाइए जिसमें प्रत्येक शाखा पर एक प्रकार और उसके उदाहरण लिखें।

Q2) मॉडल एक्टिविटी:

"पुराने बनाम आधुनिक खानपान" का 3D मॉडल / चार्ट बनाइए जिसमें आप दिखाएँ —

पुराने समय का भोजन (रोटी, दाल, साग, दूध, फल इत्यादि)

आधुनिक समय का भोजन (पिज्जा, बर्गर, कोल्ड ड्रिंक आदि)

दोनों के फायदे और नुकसान

 सुझाव:

दो भागों में चार्ट बाँटें – "पहले" और "अब"

चित्र चिपकाएँ

नीचे लिखें "स्वस्थ रहें – संतुलित भोजन करें"

SANSKRIT

1. **'तत्' शब्दरूप पुल्लिंग तथा स्त्रीलिंग में लिखें।**
2. **'खाद्' तथा 'पठ्' धातुरूप का लट्लकार तथा लोट्लकार लिखें।**

Note- Use A4 size paper

SOCIAL STUDIES

1. Write about five women from India who brought changes in society and their contribution.

   Paste or draw their pictures also

2. Write about Kabir and his contribution to society and also mentions ten Dohas of his writing.

SCIENCE

1. Chapter: Motion and Time
Topic: "Study of a Simple Pendulum"
Objective:
To understand periodic motion and learn how to measure time and time period using a simple pendulum.
Aim of the Project:
To make a simple pendulum and determine the time period of its oscillation.
Materials Required:
A small metallic ball, key, or rubber stopper (as bob)
Thread or string (about 50–100 cm long)
Stopwatch or mobile timer
Scale or measuring tape
Protractor (optional)
Support stand or any fixed support (a rod, table edge, or hook)
Cardboard and sketch pens for report or model decoration
Procedure:
Take a thread about 60 cm long and tie a small metallic ball at one end.
Fix the other end of the thread to a rigid support so that the ball can swing freely.
Pull the bob slightly to one side and release it — it will start oscillating.
Use a stopwatch or mobile timer to measure the time for 10 complete oscillations.
Repeat the observation 3 times for accuracy.
Calculate the average time for 10 oscillations.
Find the time period (T) for one oscillation using:
T = Average time for 10 oscillations/10

Observation Table:
Trial
Length of Pendulum (cm)
Time for 10 Oscillations (s)
Time Period (T = t/10) (s)

50
—
—
2
60
—
—
3
70
—
—

Result:
The time period of the simple pendulum is found to be __ seconds, and it increases as the length of the pendulum increases.
Write down the conclusion where you can show that:
A pendulum shows periodic motion.
The time period depends on the length of the pendulum and not on the mass of the bob.
Pendulums are used in clocks and measuring instruments to keep accurate time.
Submit your assignment along with the pendulum you have prepared
You will write your observations and related calculation on an A4 sheet.

Assignment 2
1. Define the following terms:
a) Motion
b) Rest
c) Speed
d) Uniform Motion
e) Non-Uniform Motion

2. Write short notes on the following:
a) Speed
b) Measurement of Time
3. Describe the difference between Uniform and Non-Uniform Motion:

Write the above-mentioned questions in an A4 sheet using different color pens and submit in a stick file.

COMPUTER

1. Write all the types of operators in tabular form as given in the book

2. Also write the output of the following operators as given in the book

MATHEMATICS

Question 1: Geometry in Real Life

Project Title: “Shapes Around Us”

Task:

Observe your surroundings (home, school, park, etc.) and identify at least five objects that represent different 2D or 3D shapes (for example: a clock → circle, a box → cuboid).

Draw or paste pictures of these objects.

For each object:

1. Name the shape.

2. Write its mathematical properties (number of sides, edges, vertices, faces, etc.).

3. Measure and record dimensions (using a ruler or measuring tape) and calculate area, perimeter, or volume, as applicable.

📘 Learning Outcome: Understanding and applying geometry to real-life objects.

Question 2: Mathematics in Budget Planning

Project Title: “My Winter Vacation Budget”

Task:

Imagine you are planning a 5-day winter vacation for your family.

Prepare a budget plan including expenses such as travel, stay, food, sightseeing, and shopping.

Represent your data using:

1. A table showing item-wise costs.

2. A bar graph or pie chart comparing the expenses.

3. Calculate the total cost and average daily expenditure.

4. If you save 10% of the total budget, find how much you actually spend.

📘 Learning Outcome: Application of arithmetic operations, percentages, and data handling in real-life contexts.

NOTE- PROJECT SHOULD BE IN A4 SHEET UNDER STICK FILE.

****