



DEEP PUBLIC SCHOOL

Your Child's future is Our Priority !!

**DEEP PUBLIC SCHOOL
VASANT KUNJ-D2, NEW DELHI-110070
HOLIDAY HOME WORK
CLASS-VIII**

Computer Science

Section A

Q1) Multiple Choice Questions (MCQs)

Choose the correct option:

1. What does AI stand for?
a) Artificial Information
b) Automated Intelligence
c) Artificial Intelligence
d) Advanced Information
2. Which of the following is an example of AI in daily life?
a) Bicycle
b) Siri or Google Assistant
c) Pencil
d) Chalkboard
3. Machine Learning is a part of:
a) Internet
b) Software Engineering
c) Artificial Intelligence
d) Database Management
4. Which one of these is not a type of machine learning?
a) Supervised Learning
b) Reinforcement Learning
c) Subconscious Learning
d) Unsupervised Learning
5. AI uses which of the following to make decisions?
a) Emotions
b) Programming logic and data
c) Magic
d) Random guesses

Section B:

State True or False

6. AI can learn from data. _____
7. Machine learning means machines are trained using rules only. _____
8. AI cannot be used in healthcare. _____
9. Self-driving cars use AI technology. _____
10. Robots are the only form of AI. _____

Section C:

Fill in the Blanks

11. AI stands for _____.
12. _____ learning uses labeled data for training.
13. The brain of an AI system is its _____.
14. One common application of AI in phones is _____ recognition.
15. Chatbots are an example of AI in the field of _____ service.

Section D:

Short Answer Questions

16. Define Artificial Intelligence in your own words.
17. What is machine learning? How is it different from traditional programming?
18. List two real-world applications of AI.
19. What are the advantages of using AI in daily life?
20. How does AI impact education or learning environment?

FRENCH

1. Vocabulary Revision

Make a list of 50 French words you've learned so far with their meanings in English. Group them into categories: e.g., La maison (the house), Les vêtements (clothes), Les aliments (food), etc.

2. Writing Practice

Write short paragraphs (5–7 lines) on the following topics in French:

1. Moi et ma famille (Me and my family)
2. Mon école (My school)
3. Ma journée typique (My typical day)
4. Mes vacances préférées (My favorite holidays)

3. Grammar Exercises

Conjugate these verbs in present tense: être, avoir, aller, faire, finir, prendre

- Create 5 sentences each using:
- Definite articles (le, la, les)
- Possessive adjectives (mon, ma, mes, etc.)
- Negation (ne...pas)

4. Cultural Exploration

Choose one French-speaking country (other than France).

- Make a small project or presentation about it including:
- Capital, language, currency
- Traditional food
- 2–3 interesting facts

5. Fun Activity

Learn and record yourself singing a simple French song (like Frère Jacques or Alouette).

OR

Watch a short French cartoon and write 5 sentences (in English or French) about what happened.

HINDI

नोट- दिया गया कार्य अलग नोटबुक में अथवा लाइन वाली शीट पर करें । (आवश्यकता अनुसार चित्रों का भी प्रयोग करें ।)

1. हिंदी भाषा के कुछ प्रमुख लेखकों/ लेखिकाओं के नाम उनकी रचनाओं सहित लिखिए ।

2. ' भ्रष्टाचार की समस्या 'को दर्शाते हुए एक कार्टून बनाइए तथा भ्रष्टाचार को मिटाने हेतु एक स्लोगन भी लिखें ।

भ्रष्टाचार को किस प्रकार मिटाया जा सकता है इसके लिए कुछ सुझाव भी दीजिए ।

3- मुंशी प्रेमचंद द्वारा लिखित कहानी ' पूस की रात' को पढ़िए तथा बताइए कि इसमें किस समस्या को दर्शाया गया है ? कहानी का संक्षिप्त सार अपने शब्दों में लिखें ।

4- अपने द्वारा की गई किसी पर्वतीय प्रदेश की यात्रा का वृत्तान्त निम्न शीर्षकों के अनुसार लिखिए ।

1) प्रदेश का नाम 2) प्रदेश की भौगोलिक स्थिति 3) वहाँ रहने वाले लोगों का खान व रहन सहन 4) रीति रिवाज व त्योहार 5) दर्शनीय स्थल ।

5- कविता रचना- नीचे दिए गए विषयों पर स्वयं कविता की रचना कीजिए ।

1-महिला सशक्तिकरण

2- मेरा देश महान

6- पूरक पुस्तिका ' भारत की खोज ' के पहले पाँच अध्यायों को पढ़िए व उनमें से दस बहुविकल्पी प्रश्न बनाइए और उनके उत्तर लिखिए।

8 -अब तक पढ़ाए जा चुके पाठों को दोहराओ व उनके प्रश्न उत्तर याद करो ।

संस्कृत

1. 10 फलों एवं 10 सब्जियों के चित्र बनाकर संस्कृत एवं हिंदी भाषा में नाम लिखकर उनके चित्र बनाइए।

2. भारत के राज्यों के नाम संस्कृत में लिखिए।

3. संस्कृत में अपना परिचय लिखिए।

4. 1 से 50 तक संस्कृत गिनतियां लिखिए।

5. संस्कृत के पढ़ाए गए पाठ की पुनरावृत्ति करिए।

SCIENCE

1. Investigatory Project (Choose Any One)

Prepare a simple project on chart paper or in a file:

- a) Microorganisms – Friends and Foes
- b) Conservation of Plants and Animals
- c) Friction – A Necessary Evil

Include: Introduction, Explanation, Pictures/Diagrams

Uses and effects in daily life

Your personal conclusion/opinion

2. Practical Activity at Home

Make a homemade natural pH indicator using:

Red cabbage or turmeric

Test common items: lemon juice, baking soda, soap water

Record and explain color changes

3. Observation Journal

Maintain a 1-week Science Diary:

Note any 2 science-based observations daily (e.g., rusting, sweating, cooling by fan)

Write which scientific principle is involved

4. Science and Art Integration

Make a poster or collage on any one topic:

“Say No to Plastic”

“Save Trees, Save Earth”

“Clean Energy Future”

5. Learn from Videos

Watch 2 science educational videos (YouTube, Science Channel, etc.)

Write:

- a) Title of the video
- b) 5 lines summarizing what you learned

MATHS

ACTIVITIES / PROJECT

(a) Collect information on any one of the famous mathematicians about their life, contribution to mathematics in brief

(a) Aryabhata (b) Bhaskara c) Srinivasa Ramanujan

(b) Do project work given on page no 34 (Math's in real life) and 35 of your textbook.

II. Revise chapter covered and do questions from Mental Math's page no 34, 35, 36 and 37 in your practice notebook.

III. Learn and Write (on sheets)

- a) Tables 1 to 20.
- b) Prime Numbers 1 to 100
- c) Square Numbers 1 to 25
- d) Cubes Number 1 to 25

SOCIAL SCIENCE

Make a colourful Scrap-file showing your art and craft skills comprising of the topics:

1. **Soil and Water Degradation-**
Measures of Conservation practised in India.
2. **Detailed timeline on:**
Rise and Fall of East India Company.
3. Poster on topic
'My Vote my Right'.

ENGLISH

Part A– Create Your Own Newspaper (Creative Work):

Design and create a 4-page newspaper (handmade or digitally designed) with the following elements:

1. Title / Newspaper Name: (Be creative! Example: The Young Times, Student Daily, etc.)
2. Date & Edition Number
3. Headlines & News Articles:
 - National news (real or creatively written).
 - School news (real or imaginary).
 - A fun section: comic strip, riddle, short story, or poem.
 - Editorial/opinion piece (on any topic you care about—e.g., exams, environment, online learning, etc.).
4. Design Elements:
 - Include 1–2 images or drawings.
 - Arrange the articles in columns.
 - Use headings and subheadings.

PART- B

Write a letter to your friend thanking him for helping you in your studies as you have scored above 90% marks.

PART-C

Instructions: Write 3 diary entries on the following topics. Each entry should be around 120–150 words. Topics:

1. The Day My Holidays Began
 - How did you feel on the first day of your holidays?
 - What are your plans or goals for the vacation?
2. A Day I Felt Truly Happy
 - Write about a special or fun moment you experienced during the holidays.
 - What made it so memorable?
3. Preparing for My English Holiday Homework
 - How did you begin your assignment?
 - What challenges or fun parts did you face while creating your newspaper?