



WINTER HOLIDAY HOMEWORK
CLASS VII
(2022-2023)



***'Winter is as season of
recovery and preparation'.***

MATHS

Q1. Revise tables from 2 to 20.

Q2. Revise syllabus for final term i.e. chapters 7, 8, 10, 12, 13, 14, 15 and 16.

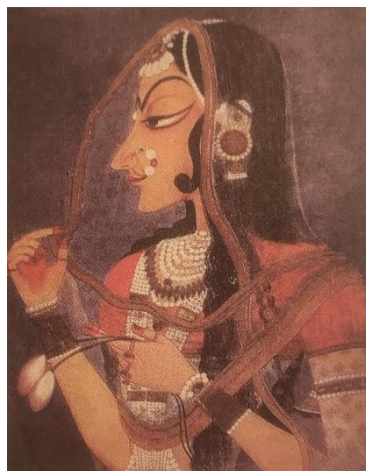
Q3. Prepare a PowerPoint presentation on the following topics according to your roll number:

- a) Roll number 1 to 5: Representing 3D in 2D
- b) Roll number 6 to 10: Perimeter and Area
- c) Roll number 11 to 15: Data Handling
- d) Roll number 16 to 20: Simple Linear equations

SOCIAL SCIENCE

Q1. Imagine you have been on a trip around the world using all four main modes of transportation. Write a diary entry describing your fascinating journey and the different people you met on the way.

Q2. Draw a sketch of this painting by the famous Rajputana painter of the 18th century, Nihal Chand. Color and paint the picture by copying the coloring style shown here.



ENGLISH

Q1. Write a letter in 100-120 words to your friend describing an incident that you witnessed or heard about in which someone showed great courage in the face of adversity. Show how you were influenced by the person's act of courage.

Q2. Complete the following worksheet.

1. Fill in the blanks using appropriate prepositions. Put X if no preposition is required.
 - a) She starred _____ the play as the main character.
 - b) This cloth is imported _____ Egypt.
 - c) Going _____ Patna _____ Kolkata is not difficult.
 - d) I was supposed to stay _____ the hotel but moved _____ an apartment instead.
 - e) I have been preparing _____ the exams _____ last month.
2. Fill in the blanks with correct modal auxiliaries.
 - a) Amit _____ (must/could) go back to class immediately.
 - b) Thank you for calling the electricity board, how _____ (should/may) I help you?
 - c) If you go to Agra, you _____ (will/must) visit the Taj Mahal.
 - d) Elina _____ (couldn't/wouldn't) attend school today. She was not well.
 - e) _____ you please lend your book?
3. Join the following sentences with appropriate conjunctions.
 - a) Athena will not talk to you. Annie will talk to you.
 - b) Raju is very short. His brother is very tall.
 - c) I am sorry. I misbehaved with my friend.
 - d) You must leave the place right now. I shall leave otherwise.
 - e) I want to watch this play. You bring me a ticket.
4. Identify the kinds of sentences.
 - a) I don't want to watch this film.
 - b) Please do as you are asked.
 - c) Do you wish to eat now?
 - d) Alas! I lost my mobile phone.
 - e) It doesn't snow in New Delhi during winter.
5. Identify as phrases or clauses.
 - a) In the middle of the road, in the capital of the country.
 - b) Gita knows me very well.

- c) The first day of the last year.
 - d) Did you call me last night?
 - e) That cat with brown paws.
6. Punctuate the following paragraph.
- the old woman scraped out the flour box and swept out the bin she kneaded some dough and shaped a little round bun out of it she then lit the oven baked the bun and put it on the windowsill to cool but the bun jumped out of the window and onto the bench outside and from the bench onto the ground and away it rolled along the road
7. Rewrite the sentences in the passive voice.
- a) Tarun could not open the cartoon.
 - b) Sania could not convey the message to her mother before sunset.
 - c) He must send another email to Shammi.
 - d) Clean the oil off the garage floor.
 - e) The delay in the deadline might anger the manager.

COMPUTER

Artificial Intelligence:

1. Identify and appreciate Artificial Intelligence and describe its applications in daily life. With their Pictures.
2. Gain awareness about AI bias and AI access.
3. Identify the AI Project Cycle framework.
4. What are some real - life applications of Artificial Intelligence with their Pictures.
5. What are the different platforms for Artificial Intelligence (AI) development?
6. What are the programming languages used for Artificial Intelligence?
7. What are the types of Artificial Intelligence? With their diagram.
8. What is the difference between Artificial Intelligence, Machine learning, and Deep learning?

FRENCH

1. Set your dining table and then make a video telling about all the utensils present on the table in French language.

SCIENCE

I. Do the given worksheet of Chapter- 17 in your notebook.

WORKSHEET

CH-17 FORESTS: OUR LIFELINE

A. Name the following.

1. The forest layer below the canopy.
2. A network of interconnecting food chains.
3. The removal of the top fertile layer of soil due to extensive rainfall.
4. The forest layer showing growth of mosses.
5. Green plants that produce their own food.

B. Fill in the blanks.

1. The clearing of forests is called _____.
2. Forests are also called the _____ of the earth as they take in carbon dioxide
Produced by animals and give out oxygen during photosynthesis.
3. An organism that gets its energy directly from plants is called _____.
4. Fallen leaves decay and form _____.
5. The _____ is the busiest part of the forest.

C. State whether the statements are true or false.

1. Deforestation helps in soil conservation.
2. Plants yield essential oils.
3. A rabbit is an example of secondary consumer.
4. Transpiration decreases humidity.
5. Understorey layer of forests receives the maximum sunlight.

D. Answer the following questions.

1. Explain the plant and animal life on the forest floor.

2. List the uses of the forest.

3. What is a food chain? Give one example of a terrestrial food chain.

4. How do animals help in pollination and seed dispersal?

II. Make a working model on the following topics accordingly:

(a) Electric bell (Odd roll number)

(b) Rainwater Harvesting (Even roll number)

III. Prepare a colorful chart on any one of the following topics:

(a) Parts of a flower

(b) Fertilization in a flower

(c) Food chain

IV. Learn Term-2 Syllabus done till date.

HINDI

• किसी एक पर्वतीय स्थान की यात्रा का सचित्र वर्णन कीजिए।(हिंदी व्याकरण कॉपी में)

• भक्तिकाल के सुप्रसिद्ध कवियों के चित्र संकलित कर कोलाज बनाइए।(A 3 साइज़ शीट पर)

*आपके माता-पिता के समय में और आपके समय में खेले जाने वाले खेलों में क्या अंतर है? स्वास्थ्य की दृष्टि से हमें कौन से खेल खेलने चाहिए?(हिंदी व्याकरण कॉपी में लिखिए)

• अपने बचपन की खट्टी मीठी यादों का वर्णन करते हुए 80 से 100 शब्दों में एक अनुच्छेद लिखिए। (हिंदी व्याकरण कॉपी में)

• सुनहरी धूप पुस्तक में से पढाए गए पाठों को पुनः पढिए और सभी पाठों (पाठ 14 से 19) के अभ्यास कार्य दोहराइए।