

**NORTH-EX PUBLIC SCHOOL**  
**(SENIOR SECONDARY, AFFILIATED TO CBSE)**  
**SCHOOL BLOCK, JAIN NAGAR, SECTOR-38, ROHINI, DELHI-81**  
**SUMMER HOLIDAY HOMEWORK**  
**CLASS VII**

**SUBJECT – ENGLISH**

**M.M. – 20**

1. Underline the nouns in the following sentences:
  - a) The teacher gave us a lot of homework.
  - b) My brother plays cricket every evening.
  - c) Honesty is the best policy.
2. Circle the gerunds in the sentences below:
  - a) Swimming is a good exercise.
  - b) I enjoy reading books.
  - c) Singing helps me relax.
3. Fill in the blanks with the correct tense form of the verb in brackets:
  - a) She \_\_\_\_\_ (go) to school every day.
  - b) They \_\_\_\_\_ (watch) a movie last night.
  - c) I \_\_\_\_\_ (complete) my homework before dinner.
4. Fill in the blanks with suitable articles:
  - a) I saw \_\_\_\_ elephant at the zoo.
  - b) She bought \_\_\_\_ book and \_\_\_\_ pen.
  - c) \_\_\_\_ moon looks beautiful tonight.
5. Write the type of each sentence (declarative, interrogative, imperative, or exclamatory):
  - a) What time will the train arrive.
  - b) Please close the door.
  - c) The sky is clear today.
6. Underline the verbs in the following sentences:
  - a) The dog barked loudly.
  - b) She writes in her diary every night.
  - c) They are playing football in the park.
7. Underline the adjectives in the following sentences:
  - a) She wore a beautiful dress.
  - b) We had a heavy lunch.
  - c) It was a cold morning.
8. Replace the underlined nouns with suitable pronouns:
  - a) Riya is singing a song.
  - b) The students are playing in the ground.
  - c) I saw Ravi and Meena at the market.
9. Fill in the blanks with the correct idiom from the box:  
(Break the ice, A piece of cake, On cloud nine)
  - a) The exam was \_\_\_\_\_, I finished it in 20 minutes.
  - b) He was \_\_\_\_\_ after hearing that he had won the prize.
  - c) Telling a joke at the beginning of the meeting helped to \_\_\_\_\_.
10. "My Grammar Booklet" – Make a small booklet using A4 sheets.  
Choose any 3 grammar topics you have learned (e.g., Nouns, Tenses, Articles). For each topic, write a short explanation with 2 examples.  
Decorate the pages with simple drawings or colors.

## SUBJECT – MATHS

M.M. – 20

General Instructions :-

- Prepare attractive models using waste materials according to your Roll no.

Project based question:

Project Title: "Fraction Fashion Designer" ( Roll no 1-10)

Task: Design clothing using fractional parts.

1. Create outfits where parts are divided (e.g.,  $\frac{2}{5}$  red,  $\frac{3}{5}$  blue).
2. Draw or make paper cutouts of your clothes and label each fraction.
3. Bonus: Use equivalent fractions to create variations of the same design.

>For all students

- Q1. The temperature in Shimla was  $-3^{\circ}\text{C}$  in the morning. By noon, it rose by 7 degrees. What is the temperature now? If it drops again by 10 degrees at night, where does it
- Q2. A mountaineer is at 3000 meters above sea level. He descends 4500 meters into a valley. What is his final position in integers? Represent it on a number
- Q3. Create a "life of a day" using integers — for example, gain and loss of money, steps walked forward and backward, temperature changes, etc. Explain each change with integers.
- Q4. You and your friend are in a game. You gain 5 points for every correct answer and lose 3 points for each wrong one. After 8 questions, you have 11 points. How many questions did you get :
- Q5. The sum of three integers is -5. One of them is +4, and another is -9. What is the third number? Can you find another possible combination of three integers with the same sum?
- Q6. You ordered a large pizza and ate  $\frac{3}{8}$  of it. Your friend ate  $\frac{1}{4}$ . How much of the pizza is left? Who ate more and by how much?
- Q7. You're making a smoothie using  $\frac{2}{5}$  cup of mango,  $\frac{1}{10}$  cup of banana, and  $\frac{1}{2}$  cup of yogurt. What is the total amount of ingredients used?
- Q8. A spaceship travels  $\frac{5}{6}$  of the journey in the first hour and  $\frac{1}{12}$  in the second. How much of the journey is left?
- Q9. A shopkeeper had  $\frac{3}{4}$  kg of sugar. He sold  $\frac{2}{5}$  kg. How much sugar does he have left? Is it more or less than half a kilogram?
- Q10. You're designing a flag with 3 colors.  $\frac{1}{3}$  is red,  $\frac{1}{6}$  is blue, and the rest is white. What fraction is white?

## SUBJECT – SOCIAL SCIENCE

M.M. – 20

General Instructions :-

- Prepare attractive models using waste materials according to your Roll no .

**Experiential Project:** Make a working model of " Aquarium" and write its steps of making and explain its working on chart ( Roll no 11-20)

> For all students

Write answers in Social Science Test Register.

- Q1. Describe any 2 archaeological sources of the medieval period.
- Q2. "In daily life, we still find many examples of inequality". Explain.

- Q3. Mention the various difficulties that historians face in using manuscripts.
- Q4. Compare public health services with private health services in India.
- Q5. Discuss the Pala dynasty.
- Q6. List the advantages of Mid-day Meal Scheme.
- Q7. What do you know about the human environment.
- Q8. What are the positive aspects of healthcare in India? Explain.
- Q9. Why is Mahmud of Ghazni called the 'idol-breaker'?
- Q10. Define the term ecosystem. How is it useful for human beings?
- Q11. Discuss how Chola temples developed into temple towns.
- Q12. On an outline map of India, locate and label the regions controlled by rulers who were involved in the "Tripartite Struggle".

**Note:**

- Complete index & do correction work ( if any ) for the chapters in SSt. Register.
- Revise the syllabus of Periodic test -1

## **SUBJECT – SCIENCE**

**M.M. – 20**

**General Instructions :-**

- Prepare attractive models using waste materials according to your Roll no .

**Experiential Project:** Nutrition in Plants – Working Model (e.g., Photosynthesis Process, Leaf Experiment, Role of Stomata). ( Roll no 21 onwards)

1. What does your model demonstrate about the process of nutrition in plants?
2. Which materials did you use to make your model ?

Or

Time and Motion – Working Model (e.g., Simple Pendulum, Speed Distance Time Setup, Toy Car on Ramp)

1. What concept of time and motion does your model explain.
2. What is the formula used to calculate speed in your setup?

**➤ For all students**

Q1. What is the difference between autotrophic and heterotrophic nutrition?

Give examples.

Q2. Explain the process of photosynthesis with the help of a diagram.

Q3 Describe how nutrients are replenished in the soil.

Q4 How do insectivorous plants obtain their food? Give examples.

Q5. Differentiate between natural and synthetic fibres with example.

Q6. Name the elements of weather. How is each one measured?

Q7. What are the main features of the polar region's climate?

Q8. Describe three adaptations of animals living in desert condition.

Q9 Differentiate between uniform and non-uniform motion with examples.

Q10 Write one similarity and 1 dissimilarity between parasites and saprophytes.

**Note:**

- Complete index & do correction work ( if any ) for the chapters in science notebook.
- Revise the syllabus of Periodic test -1

## विषय-संस्कृत

कुल अंक - 20

- प्रश्न 1:- संस्कृत वर्णमाला (स्वर और व्यंजन) लिखिए और याद करिये।  
प्रश्न 2:- वचन कितने होते हैं? उनके नाम लिखिए और याद करिये।  
प्रश्न 3:- संस्कृत में लिंग कितने प्रकार के होते हैं? उनके नाम लिखिए।  
प्रश्न 4:- संस्कृत में पुरुष कितने होते हैं? उनके नाम उदाहरण सहित लिखिए।  
प्रश्न 5:- संज्ञा और सर्वनाम की परिभाषा उदाहरण सहित लिखिए।  
प्रश्न 6:- क्रिया और धातु की परिभाषा उदाहरण सहित लिखिए।  
प्रश्न 7:- कारक तालिका लिखिए और याद करिये।  
प्रश्न 8:- अव्यय किसे कहते हैं उदाहरण सहित समझाइए।  
प्रश्न 9:- 'पाठ' धातु लटलकार रूप लिखिए और याद करिये।  
प्रश्न 10 :- सुभाषितानि कोऽपि चत्वारः श्लोकाः तेषां अर्थेन सह चार्त्तपत्रे लिखत।

## विषय-हिंदी

कुल अंक – 20

- प्रश्न 1. मैथिलीशरण गुप्त जी एक राष्ट्र प्रेमी कवि थे। उनकी राष्ट्र प्रेम की एक प्रसिद्ध कविता चित्र सहित लिखिए।  
प्रश्न 2. प्रधानमंत्री जी ने 'श्रेयव जयते' की शुरुआत क्यों और कब की? इसके विषय में अपने विचार लिखिए।  
प्रश्न 3. भारतीय संविधान द्वारा मान्य प्राप्त भाषाओं की एक तालिका बनाइए।  
प्रश्न 4. भारत रत्न सम्मान प्राप्त करने वाले पांच व्यक्तियों के नाम और काम पता कीजिए और लिखिए।  
प्रश्न 5. जादव 'मोलाई' पायेंग कौन थे? उनके विषय में जानकारी प्राप्त कर (100 से 150) शब्दों में लिखिए।  
प्रश्न 6. सर्वनाम की परिभाषा देते हुए उसके भेदों को (ए-3) सीट पर दर्शाइए।  
प्रश्न 7. प्रकृति का संरक्षण किस प्रकार से किया जा सकता है? प्रकृति द्वारा प्रदान की गई चीजों को एक चार्ट पर दर्शाइए।  
प्रश्न 8. भारत सरकार द्वारा प्रदान की गई योजनाओं की एक तालिका बनाइए।  
प्रश्न 9. रचना के आधार पर वाक्य के भेदों का वर्गीकरण करते हुए उनके नाम लिखिए।  
प्रश्न 10. यमुना में हो रहे जल प्रदूषण को रोकने के लिए क्या कदम उठाए जा रहे हैं? जानकारी प्राप्त करके लिखिए।

## SUBJECT – GENERAL KNOWLEDGE

1. Write daily news headlines with date and the name of the newspaper from which it is noted.
- 2 Write one Biography of Shri Niwas Ramanujan.
3. Write one Monument 'Khajuraho temple with picture'.

## SUBJECT- VISUAL ART

1. Make a beautiful creative bottle Décor.
2. Make a Mandal Art hanging

### **SUBJECT- COMPUTER**

1. Draw /Paste the pictures of Aryabhata & write few lines about it in notebook.
2. Draw a table 'Employ ' in notebook that contain 5 rows and 5 columns.
3. Give an example of AI technology & Paste/Draw the picture related to it in notebook.  
Write few lines about it.
4. Draw the types of 'Chart' (any 4) in notebook.
5. Complete chapter-1,2 in notebook, book (if pending) & Revise.