

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

**SUBJECT – ENGLISH**

**M.M. – 20**

1. Write a paragraph (80–100 words) on “The Most Memorable Day of My Life.”
2. Fill in the blanks with the correct form of the verb in brackets:
  - a) She \_\_\_\_ (go) to school every day.
  - b) They \_\_\_\_ (play) football now.
  - c) I \_\_\_\_ (complete) my homework yesterday.
  - d) We \_\_\_\_ (be) happy to help.
3. Write the meanings of the following words and use each in a sentence:  
Admire, Grateful, Courage, Journey, Surprise
4. Read any English short story. Write the title and answer:
  - a) Who was the main character?
  - b) What was the moral of the story?
5. Write a letter to your friend telling them about your summer holiday plans.
6. Imagine you found a magic lamp. Write a short story about what happens next (8–10 lines)
7. Identify the tense used in each sentence:
  - a) I will visit my grandparents tomorrow.
  - b) She is reading a novel.
  - c) They danced beautifully.
  - d) He has completed the task.
8. Write synonyms and antonyms of the following: Happy, Brave, Fast, Small, Begin
9. Read the following passage and answer the questions:  
“Ravi woke up early and saw the sun rising. He decided to take a walk in the park. The air was fresh, and birds were chirping.”
  - a) Who is the main character?
  - b) What time of day is described?
  - c) What sounds could Ravi hear?
10. Make a “Mini Book” (4–6 pages) on any one of the following topics:
  - a) My Favourite Author
  - b) 5 Inspiring Quotes in English with pictures
  - c) Write your own short English poem (4 to 8 lines) on any topic like nature, friendship, or school. (Decorate the pages with drawings, colors, or cut-outs.)

**SUBJECT – MATHS**

**M.M. – 20**

**General Instructions :-**

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

**Project base question: ( Roll no 1-13 )**

Create a working model project that shows how rational numbers appear and are used in real-life situations such as money, recipes, temperature, sports, and travel. Your project should be included

Rational Number Collage (Creative Task):

Create a collage or scrapbook page with cutouts, drawings, or photos showing where you find rational numbers in daily life (food labels, receipts, thermometers, etc.).

Write all lines on the chart paper also.

➤ **For all students**

- Q1. A merchant earns of a dollar on one product but loses of a dollar on another.  
Represent his total gain or loss as a rational number. What's the final
- Q2. Can you find two non-zero rational numbers whose product is zero? Why or why not?  
Create an explanation using an example or proof.
- Q3. Four rational numbers are given: One of them is not equivalent to the others in any way. Who's the impostor and why?
- Q4. A treasure is hidden at a point on the number line exactly halfway between  $(-9/4)$  and  $(3/2)$ . What is the clue trying to tell you?
- Q5. The temperature dropped from  $(5/2^{\circ})$  C to  $(-3/2^{\circ})$  C overnight. By how much did it change? Represent this using rational numbers and explain the change in terms of gain or loss.
- Q6. I'm thinking of a number. Its square root is between 4 and 5, and it's not a perfect square. What number could I be thinking of?
- Q7. You are designing a square garden with an area of  $98 \text{ m}^2$ . What should be the approximate length of each side? Can you suggest two square areas close to 98 with whole-number roots?
- Q8. I am a two-digit number. My square root is a whole number, and if you reverse my digits, the new number is not a perfect square. What number could I be?
- Q9. An ant moves across a square tile with an area of  $144 \text{ cm}^2$ . A beetle moves across another square tile with an area of  $100 \text{ cm}^2$ . Who travels a longer distance along one side of the tile, and by how much?
- Q 10. A lock opens with a 3-digit code that is the square of a 2-digit number. What could the possible codes be?

**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 "Wind Mill" and write its steps of making and explain its working on chart (Roll no 14-27)

➤ **For all students**

Write answers in Social Science Test Register.

- Q1. What steps should be taken to conserve the natural resources?
- Q2. Why is it important to separate religion from the state
- Q3. Discuss the various features of Indian Constitution.
- Q4. What is the problem with the periodisation of Indian history that James Mill offers?
- Q5. Give a comparative study of the natural, man-made and human resources.
- Q6. Why is it essential for a democratic country to be secular? Explain.
- Q7. List the features of Modern History
- Q8. Give an account of the army under the British.
- Q9. How did Battle of Plassey establish a British stronghold in India?
- Q10. Explain any two Fundamental Rights.

Q11. Differentiate between Ubiquitous and Localised Resources.

Q12. Draw a diagram showing how the role of Human Resources in converting the natural resources into valuable products.

**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:** (Roll no 28 onwards)

Force and Pressure – Working Model (e.g., Hydraulic Lift, Air Pressure Balloon, etc.)

1. What scientific principle does your model demonstrate?
2. Explain how your model shows the relation between force and pressure.

Or

Crop Production and Management – Working Model (e.g., Sprinkler Irrigation System, Drip Irrigation, Soil Layers, Crop Rotation Setup, etc.)

1. What process or technique of crop production does your model demonstrate?
2. How does your model help in understanding the importance of irrigation or soil management?
3. What materials did you use to make the model? Were they eco-friendly?

**➤ For all students**

Q1. What are the different methods of soil preparation? Explain each briefly.

Q2 Explain how irrigation is important for crop production. Mention any two modern method of irrigation.

Q3 What are synthetic fibres? List and describe any three types of synthetic fibres.

Q4 Why are plastics considered harmful for the environment?

Q5. Mention any three ways we can reduce the use of plastics in our daily life.

Q6. What is deforestation? List any three causes of deforestation.

Q7. What is the difference between endangered and extinct species? Give examples.

Q8. Define force. List and explain any two types of forces.

Q9 Explain with an example: "Liquids exert pressure in all directions.

Q10. Why it is necessary to reduce moisture in newly harvested grains before storage grains?

**विषय-संस्कृत**

**कुल अंक - 20**

प्रश्न 1:- सर्वनाम की परिभाषा उदाहरण सहित लिखिए। अस्मद् (मैं) और युष्मद् (तुम) रूप याद कीजिए।

प्रश्न 2:- धातु किसे कहते हैं? पठ् (पढ़ना) धातु के (लटलकार, लृटलकार, लङ्गलकार) रूप लिखिए।

प्रश्न 3:- संस्कृत में पुरुष कितने होते हैं? उनके नाम उदाहरण सहित लिखिए।

प्रश्न 4:- लिंग की परिभाषा लिखिए । संस्कृत में लिंग कितने प्रकार के होते हैं? उनके नाम लिखिए ।

प्रश्न 5:- विद्यार्थी पञ्चलक्षणं किम्?

प्रश्न 6:- 'बालकः' शब्दरूप लिखिए।

प्रश्न 7:- संधि किसे कहते हैं? यह कितने प्रकार की होती है? उदाहरण सहित लिखिए।

प्रश्न 8:- पञ्च विलोम पदानि लिखत।

प्रश्न 9:-पञ्च पर्यायवाची शब्दाः लिखत।

प्रश्न 10:- 'स्वदिनचर्या' दश वाक्यानि चार्टपत्रे लिखत ।

## विषय-हिंदी

कुल अंक – 20

प्रश्न 1. द्वारिका प्रसाद माहेश्वरी की प्रसिद्ध कविता चित्र सहित लिखिए।

प्रश्न 2. स्वतंत्रता संग्राम के पांच वीर क्रांतिकारियों के विषय में लिखिए।

प्रश्न 3. भारतीय संविधान द्वारा मान्य प्राप्त भाषाओं की एक तालिका बनाइए।

प्रश्न 4. लता मंगेशकर जी को भारत की कोकिला क्यों कहा जाता है? उनको

कौन-कौन से पुरस्कारों से सम्मानित किया गया, उनकी एक सूची बनाइए।

प्रश्न 5. आपके विद्यालय की ओर से भारतीय संगीत प्रतियोगिता का आयोजन

किया जा रहा है। सभी कक्षा के विद्यार्थियों को इस कार्यक्रम की जानकारी देते हुए कार्यक्रम में भाग लेने के लिए एक सूचना लिखिए।

प्रश्न 6 सर्वनाम की परिभाषा देते हुए उसके भेदों को (ए-3) सीट पर दर्शाइए।

प्रश्न 7. जल संरक्षण पर एक विज्ञापन तैयार कीजिए।

प्रश्न 8 'दिव्यांगों के प्रति सहनशीलता' पर (200 -250) शब्दों में एक अनुच्छेद लिखिए।

प्रश्न 9. अर्थ के आधार पर वाक्य के भेदों का वर्गीकरण करते हुए उनके नाम लिखिए।

प्रश्न 10. इंटरनेट हमारे लिए किस प्रकार लाभदायक है? इस विषय पर अपने विचार लिखिए।

## SUBJECT- VISUAL ART

1. Make a lippan Art jharokha on waste Cardboard and decorate it.
2. Make a buddha painting on A3 size sheet by using blending technique.

## 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 Ritu Karidhal (Stivastava).
3. Write about Monument 'Kailash Mansarovar' with picture.

## SUBJECT – COMPUTER

1. Draw /Paste the pictures of Networking (LAN, MAN, WAN, PAN) technology In notebook & write few lines about it.
2. In your notebooks, write an article on the topic "Is public Wi- Fi safe to use?"
3. Make a Presentation on the topic of 'Network Architecture' (5 slides)
4. Draw/Paste the picture related to AI & write few lines about it.
5. Complete chapter-1,2 in notebook, book (if pending) & Revise.

