

# NEO CONVENT SR.SEC SCHOOL, PASCHIM VIHAR

## HOLIDAY HOME WORK CLASS VIII (2024-25)

Out of difficulties grow miracles. Tough time don't last.

Dear Students

The beginning of new session might not have been with pomp and show, but the spirit of teaching learning continues in the school. The summer vacations this time would not be ice creams, candies and cool pool, but time can be utilized in honing skills and interests.

It is easy to bloom, then to be a bud, but you are responsible young members of the nation and its our duty to follow rules.

Here are some holiday activities designed for creative utilization of time. Give a flight to your imagination and spend time purposely.

Some points to be remember

- a) Drink plenty of juice and water to avoid dehydration.
- b) Make hand washing and hygiene a part of your routine.
- c) Holiday Homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
- d) It's the perfect time to enhance your speaking skills and vocabulary
- e) By conversing in English with your family and siblings.
- f) Reading is essential for those who seek to rise above the ordinary.
- g) Spend your quality time reading purposeful books.
- h) Schedule your time for activities so that there is no piling up.
- i) Holiday homework should be your authentic creative work.

### **ENGLISH**

Do all the work in a thin notebook

1. Read newspaper daily and learn and write the spellings of difficult words and make their sentence too. (Once a week)
2. Read the novel and make notes of all the chapters separately in a thin notebook.
3. Prepare a project on Poetic Devices (12-15 sheets)
4. Enjoy your holidays by visiting your relative and places of interest. Write Diary entries ( 8-10) of such days.

## MATHS HHW CLASS – VIII

NOTE: DO QUESTIONS 2-10 IN A SEPARATE NOTEBOOK.

Q1. Make a scrap file on the following topics assigned to your Roll no.

Roll No. (1-10): Rational numbers and their properties

Roll No.(11-20) : Laws of Exponents

Roll No.(21-30) : Square and Square Roots

Roll No.(31 Onwards) : Cube and Cube Roots

Q2. The product of two rational numbers is  $\left(\frac{-28}{81}\right)$ . If one of them is  $\frac{-2}{3}$ , then find the other.

Q3. Verify that:

$$\frac{2}{3} \times \left[ \frac{-6}{7} + \frac{4}{5} \right] = \left[ \frac{2}{3} \times \frac{4}{5} \right] \times \left( \frac{-6}{7} \right)$$

Q4. Calculate the missing value of “x” in the following expression:

$$(11/9)^3 \times (9/11)^6 = (11/9)^{2x}$$

Q5. Simplify:  $\frac{[25 \times t^{-4}]}{[5^{-3} \times 10 \times t^{-8}]}$ .

Q6. Write a Pythagorean triplet whose one member is 14

Q7. Is 392 a perfect cube? If not, find the smallest natural number by which 392 should be multiplied so that the product is a perfect cube.

Q8. Do the written practice of all the chapters coming in the unit test-2.

Q9. Solve the objective questions , multiple choice questions given at the end of chapters in the maths books.

Q10. Solve the exercises named as ‘check your progress’ related to each chapters are provided in your maths book.

Q11. PROJECT WORK

Make a ppt on the following mathematicians

Roll no. 1 – 10: Srinivasa Ramanujan

Roll no. 11 – 20: Aryabhata

Roll no. 21 – 30: Bhaskara

Roll no. 31 – onwards: Archimedes

## **SCIENCE (VIII)**

**Do question no. 1 to 7 on notepad sheets.**

Q1 If you try to hold a glass with oil on your hands, it tends to slip. Why?

Q2 What travels faster- sound or light? Which observation in daily life support this?

Q3 An explosive occurs on the moon. Will it be (a) seen, (b) heard on the earth instantly or after some time?

Q4 Why do plant cells need a cell wall, and animal cells do not?

Q5 If there was no friction, what would happen to a moving object?

Q6 Explain why antibiotics do not work against flu or any infection caused by viruses

Q7 On Rahul's birthday, his mother prepared many dishes for him. After having their meal, they found that many food items were left over. Rahul's mother kept these leftovers in a air-tight container and refrigerate them.

(a) What is food preservation?

(b) What will happen to the food if it is not refrigerated?

(c) What is the role of refrigeration in food preservation method?

(d) What value of Rahul's mother is shown here?

Q8 Take few seeds of beans and sow them in a pot. Let them grow. Once they grow into plants, observe their roots. You will find round structures called root nodules on their roots. Click their pictures and paste them on an A4 size sheet.

a) Write their characteristics.

b) How are these root nodules important for the soil?

Q9 Microorganisms are classified into 4 groups. Collect the pictures of 4 microorganisms from each category and paste them in a scrap file. Study about them and write their characteristics in the scrap file.

## **SOCIAL SCIENCE**

History Ch- From trade to territory

Geography Ch- Land, Soil, Water, Natural Vegetation and Wildlife

Civics Ch-Parliament and the making of laws

Q1 Name few states annexed on pretext of Doctrine of Lapse.

Q2 The Indian rulers lost most of the battles. Why?

Q3 Explain how Battle of Buxar did the unfinished work of battle of Plassey.

Q4 Why have many species become vulnerable, extinct or endangered?

Q5 What are bio reserves?

Q6 Explain some methods that are used to conserve soil.

Q7 How does land fulfil our needs?

Q8 How is the land classified on the basis of ownership? What is the concept of common property resources?

Q9 Give some features of the Indian Parliament.

Q10 What is meant by the opposition parties? What role do they play in the government?

Q 11 Write a short note on Rajya Sabha and Lok Sabha.

Q 12 Project work

Roll no. 1-15 A project file on soil profile and factors affecting soil formation.

Roll no. 16-30 Explain the Parliament function along with its two houses Rajya Sabha and Lok Sabha in file.

Roll no. 31 onwards Make a file on the fundamental rights in the Indian Constitution (6).

### विषय – हिंदी ग्रीष्म अवकाश गृह कार्य (2024–25)

नाम –.....

अध्यापक हस्ताक्षर – .....नोट– यह सभी कार्य सफ़ाई से ए4 शीट पर करें।

प्र0 1 पाठ –‘आखिरी पत्ता’ का सारांश अपने शब्दों में लिखिए।

प्र0 2 निम्नलिखित विषय पर 100 से 120 शब्दों में अनुच्छेद लिखिए।

करत–करत अभ्यास के जड़मति होत सुजान

प्र0 3 छात्रवृत्ति (स्कॉलरशिप) हेतु अपने प्रधानाचार्य जी को पत्र लिखिए।

प्र0 4 ‘हिमालय मिनरलवॉटर’ विषय पर एक आकर्षक विज्ञापन बनाइए।

प्र0 5 ‘सच्चे मित्र के गुणों पर बात करते हुए दो विद्यार्थियों के बीच हुए संवाद को लिखिए।

प्र0 6 निम्नलिखित शब्दों के वर्ण–विच्छेद कीजिए – प्रतिज्ञा , कुरुक्षेत्र , श्रवण , आकृति , संभव

प्र0 7 परियोजना कार्य – जानकारी एकत्र करें व एक सुंदर–सा कोलाज तैयार कीजिए।

अनुक्रमांक 1 से 22 अंडमान निकोबार द्वीप समूह

अनुक्रमांक 23 से 45 लक्षद्वीप द्वीप समूह

प्र08 ‘स्पैक्ट्रम’ के लिए स्वरचित कविता लिखिए।