

MODERN PUBLIC SCHOOL SECTOR

37 FBD

HOLIDAYS HOME WORK FOR SUMMER VACATION

CLASS 8TH.

SUBJECT MATHS

SESSION 2025-26

Q1. Explain different types of quadrilateral and their properties with help of diagrams.

Q2. Explain the concept of rational number on number line with the help of five examples.

Q3. solve 10 statement problems related to topic `linear equation in one variable`

Q4. Divide the sum of $\frac{8}{3}$ and $\frac{4}{7}$ by the reciprocal of $-\frac{2}{5}$.

Q5. Find the multiplicative inverse of $\frac{2}{11} \times \frac{5}{7}$.

Q6. Find the additive inverse of $\frac{10}{13}$.

Q7. Solve the following equations and check the solutions

A. $5 - 3(3x - 2) = 4(5x - 7) + 5$

B. $4(x - 3) - \frac{1}{3} = 6x/3 + 5$.

Q8. When four consecutive integers are added, the sum is 46. Find the integers.

Q9. Adjacent sides of a rectangle are in the ratio 5:12, if the perimeter of the rectangle is 34 cm Find the length of the diagonal.

Q10. Sum of two numbers is 95 if one exceeds the other by 15. Find the numbers.

Q11. A bag contains 15 cards bearing numbers 1, 2, 3, 4, 5, ..., 14, 15. A card is drawn from the bag. Find the probability that it bears (i) a prime number (ii) a number divisible by 2.

Q12. A die is thrown once . Find the probability of getting (i) a prime number less than 5 (ii) an odd number.

Q13.Revise all exercises from chapter 1 to 4 in rough note book.

Q14.Using appropriate properties find

(i) $-\frac{2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$

(ii) $\frac{2}{5} \times (-\frac{3}{7}) - \frac{1}{6} \times \frac{3}{2} + \frac{1}{14} \times \frac{2}{5}$.

MODERN PUBLIC SCHOOL
SEC-37 FARIDABAD
Summer Holiday Homework (2025-26)
Subject- Science
Class- VIII

Q1. What are the following agricultural implements used for:

- a. Hoe
- b. Leveller

Q2. As weeds are also plants, then why is their removal necessary from the field?

Q3. Why are cyanobacteria termed as farmer's friends?

Q4. Categorise the diseases given below according to their causative agent: i. Citrus Canker

ii. Hepatitis B

iii. Ringworm

iv. Anthrax.

Q5. Compare antibiotics and vaccines. Give two examples of each.

Q6. Name any inexhaustible natural resource. Can we prepare coal in the laboratory? Why?

Q7. Name any 3 constituents of petroleum with their use.

Q8. The calorific values of petrol and CNG are 45000 kJ/kg and 50000 kJ/kg, respectively. If you have a vehicle which can run on petrol as well as CNG, which fuel will you prefer and why?

Q9. Give two examples each for a solid, liquid and gaseous fuel along with some important uses.

Q10. Forest fires produce a lot of air pollution. Write in brief about the reasons for forest fires.

Q11. Take one empty clean jam / pickle glass jar with a lid. Put the leftover food and shut it tight. Keep the bottles in a corner for a week. What changes do you think took place in those jars, after 3 days and a week later. The students will discuss the change seen in colour, smell and will also mention if they observed a cottony growth.

Q12. Perform an activity to differentiate between healthy and damaged seeds. Paste pictures of your activity along with its explanation.

Q13. List five ways in which you would act to avert energy crisis.

Q14. Draw a labelled diagram to show deposits of Petroleum and Natural gas. Name regions of India where Coal and Natural gas can be found.

Q15. Draw a well labelled diagram of Nitrogen Cycle.

Art Integrated Project:

1) Space Science in Haryana and Manipur: Explore how both states contribute to or are influenced by space science.

Key points:

- ISRO centers or satellite tracking facilities in or near Haryana.
- Contributions of scientists or engineers from these states in India's space missions.
- Satellite-based weather prediction or agriculture monitoring in Manipur's hills or Haryana's plains.

2) Impact of Atmospheric Changes on Agriculture in Haryana and Manipur: How atmospheric conditions affect farming in both states.

Key points:

- Haryana: Wheat and rice crops affected by rising temperatures or smog.
- Manipur: Shifting rainfall patterns affecting terrace farming or biodiversity.

Modern Public School

Session: 2025-2026

Holiday Homework

Class: VIII

Subject: Social-Science

- **Instructions:** All the questions -answer should be in neat and clean handwriting
- Holiday homework will be done in civics notebook
- Holiday homework should be submitted by 3rd July 2025

Q1- Answer the following:

Q.1 explain all three resources with suitable example and diagram.

Q.2 Differentiate between evergreen forests and deciduous forests.

Q.3 why there is need to conserve water? Explain.

Q.4 why do we need parliament?

Q.5 Identify the difference between Lok Sabha and Rajya Sabha.

Q.6 Explain four features of Indian constitution.

Q.7 Why it is important to separate religion from the state? Write in favour of secularism.

Q.8 Why did various European power came to India? Write there consequence.

Q.9 Write few lines on major five governor general of India.

Q.10 How was Tipu Sultan killed?

Q.11 **map work:-** Locate and label any five places of revolt of 1857 in political map.

Q.12 **Project work:-**

On A4 size paper write a note on manipur culture and art (including history of manipur, religion they practice, food & their habitants, Dance& music etc.)

CLASS VIII

SUMMER HOLIDAY HOMEWORK (2025-26)

Q1. Design a decorative double sided wall hanging on any topic of your choice from the list below.

- a) Types of network topologies**
- b) Types of Excel charts**

SYLLABUS FOR REVISION TEST SERIES 1

LESSON 2,3.

Modern Public School
Sector-37, Faridabad
Holiday Homework-2025
Subject-Drawing
Class-VIII

1. Create decorative wall hangings using cardboard , plastic bottles or other decorative materials.
2. Make a poster painting on “Artificial Intelligence” on A3 size sheet.

Modern Public School Sec 37

Class VIII

Summer Holiday Homework(2025-26)

प्रश्न 1-निम्नलिखित पदानां सन्धिविच्छेदं कुरुत-

हिमालयः, चंद्रोदयः स्वागतम्, देवेन्द्रः, कुत्रापि,

प्रश्न 2- वाक्यानि रचयत-

च , अहम् , अत्र , यूयम् , सर्वत्र

प्रश्न 3- पद परिचयं दीयताम्-

सिंहस्य, मुखेन ,लुब्धस्य, गुहायाः, मालया

प्रश्न 4- घटिकां रचयित्वा समयं लिखत-

5:00, 2:15, 6:30, 9:45

प्रश्न 5-धातु प्रत्यय च पृथक् कुरुत-

पठित्वा, संपठ्य, गन्तुम्, लिखित्वा, पातुम्

प्रश्न 6 संख्या लिखत-25, 33, 50, 29, 44

प्रश्न 7-शुद्धम् कुरुत-

सः पठामि।

त्वं पठन्ति ।

अहम् पठावः ।

यूयम् पठतः।

ताः लिखथः।

प्रश्न 8-अपठित गद्यांश नः-2 लिखत।

प्रश्न 9-उद्यानस्य चित्रम् रचयित्वा पञ्च वाक्यानि लिखत।

प्रश्न 10-विद्यालय अनुच्छेदं लिखत।

रचनात्मक कार्य

मणिपुरराज्यस्य देवालयस्य वर्णनं सचित्रं कुरुत।(Roll no. 1-20)

मणिपुरराज्यस्य वेशभूषायाः वर्णनं सचित्रं कुरुत। (Roll no.21-40)

Holidays Homework

Class VIII

Subject -English

Session- 2025-2026

GENERAL INSTRUCTIONS

- 1. HOLIDAY HOMEWORK should be presented neatly and organized,often in Supplementary Notebooks(VII toX) but Class VI - in separate Notebook.**
- 2. Must Ensure PROJECT AND ACTIVITY preferably on A4 size sheets.**
- 3. Complete the Homework independently with parental guidance as needed.**
- 4. Must Complete the Holiday Homework within the Holiday period is crucial,often with specific deadlines and submit by July 1,2025.**
- 5. Students Must spend time reviewing the material covered in class to reinforce learning regarding the First Test Series syllabus.**

1.An Inter School Quiz Contest was organized in your school and your school won the first prize. Write a report in about 40 words for your school magazine. You are Sia, a school magazine reporter.

2. Write articles in about 120 words on :--

- a. Importance of Reading
- b. Terrorism

3.You are the sports captain of your school. Write a letter to a sports equipment supplier requesting a set of footballs, cricket bats, and balls for the school sports club. Specify quantities and desired delivery timeframe.

4. Put the verbs in brackets in the correct form (gerund or infinitive)

1. when the bell ring the students stopped (write)
2. We cannot permit anyone (talk) in the library.
3. Anita burst into tears on (here) the news.
4. He wants (save) money (buy) a truck.
5. It is easier(learn) a language by (read) books.
6. He avoids (meet) girls.
7. He is too old (get) the job

5. Identify the correct modal verb in the following sentences

1. My teacher (can/must) speak four languages.
2. (May/should) I use your mobile to call my mother?
3. You (must/could) not speak loudly in the hospital.
4. I (could/must) use a little help in packing all these clothes.
5. Madam (could/may) you repeat what you said?
6. I (can/might) not be able to make it tonight.
7. Sheldon (ought to/must) study more if he wants to pass the test.
8. (Can/May) you come to the prom with me?
9. My parents (shall/ought to) arrive soon.
10. I (could/must) be late as I have a lot on my plate.

Q.6 Fill in the blanks with a suitable verb:--

While I _____(watch) TV, she _____(cook) dinner.

b) By the time they _____(arrive) at the party, everyone _____
(leave).

c) When the bell _____(ring), the students _____(leave)
the classroom.

d) She _____(live) in London for five years before she moved to Paris.

e) They _____(not finish) their project yet.

f) By the time you _____(read) this, I _____(already, leave).

7. Read the following stanza carefully and answer the questions that follow:-

When the jet rose sixheight it was not clear why.(pg
no.34-35)

1. *At what height was the jet?*

2. *What was clear from that height?*

3. *What was difficult to understand from that height?*

4. *Name the poem and the poet from which this stanza has been taken.*

5. *Find a word from the stanza which means opposite to 'depth'.*

8. Answer the following questions in about 30-40 words each:-

1. Who was Almas Javed? How was she saved?

2. What were the warning signs that both Tilly and her mother saw?

3. What are the two different ideas about why so few animals were killed in the tsunami?

4. What became clear to the poet as the jet sprang six miles high in the sky?

5. Why had Velu run away from home?

6. What materials are the strange huts made out of? Why does Velu find them strange?

9. Read the following passage from your book 'Foundation to Good Grammar' and answer the questions that follow :-

1. Millions of birds.....the poison in the air. (Pg no.268-269)

2 Culture is not.....and aspirations of India.(pg.no.269)

Activity-

CLASS VIII 4.2.3

EXERCISES IN SPEECH DIALOGUE DELIVERY.

Conversation between Two friends on culture of Haryana and Manipur on A4 size sheets with related pictures.

माडर्न पब्लिक स्कूल सैक्टर 37 फरीदाबाद

ग्रीष्म कालीन गृह कार्य

सत्र 2025-26

कक्षा -8

- 1-जीवन में मस्ती होनी चाहिए लेकिन कब मस्ती हानिकारक हो सकती है दीवानों की हस्ती पाठ के आधार पर लिखिए।
- 2-हमारे जीवन में डाकिए की भूमिका क्या है इस विषय पर 10 वाक्य लिखिए।
- 3-राजकुमार ने घोड़े के शरीर पर हाथ फेर कर क्या कहा ?
- 4-राजकुमार से अलग होने पर छंदक और कंथक की दशा का वर्णन कीजिए।
- 5-तपोवन में सिद्धार्थ ने तपस्वियों को क्या करने के लिए कहा ?
- 6-निम्नलिखित समस्त पदों का विग्रह कर समास का नाम लिखिए -
सप्तपदी, चंद्रमुख, नीलांबर, दशानन, आजीवन, राजपुत्र, जीवन मरण
- 7-निम्नलिखित शब्दों के दो - दो अर्थ लिखिए -
कर, उत्तर, अवकाश, अमृत, काल
- 8-निम्नलिखित मुहावरों का अर्थ लिखकर वाक्य में प्रयोग कीजिए-
नाक में दम करना, पानी-पानी होना, खून पसीना एक करना, हाथों के तोते उड़ना
- 9-अपनी गृह कार्य पुस्तिका में प्रतिदिन एक प्रश्न सुलेख कीजिए।
- 10-"प्रातः काल की सैर" पर एक अनुच्छेद लिखिए।
- 11-हरियाणा और मणिपुरी संस्कृति के संबंध में दो मित्रों के बीच हुए संवाद को a4 साइज शीट पर चित्र सहित लिखिए।