मॉडर्न पब्लिक स्कूल ,सेक्टर-37

फरीदाबाद

ग्रीष्मावकाश गृहकार्य - सत्र (2025-26)

कक्षा -9

विषय- हिंदी

1.निम्नलिखित शृद्धों में से उपसर्ग और प्रत्यय अलग-अलग करके लिखिए-(क) विफलता(ख) स्वाभिमानी(ग) अनावश्यक(घ) बखुबी(ङ) स्वाधीनता

(च)पुनर्जीवित(छ) उपयोगी (ज) बेचैनी

2. निँम्नलिखित संमस्त पदों का विग्रह करके समास का नाम लिखिए-

मुरलीधर, आजीवन, विद्याधन, रातोंरात, दोपहर, परमानंद,

देशभक्ति , चरणकमल , पीतांबर , कर्महीन

3.अर्थ की दृष्टि से वाक्य के कितने भेद होते हैं? उदाहरण सहित प्रत्येक का परिचय दीजिए।

4.दो बैलों की कथा पढ़कर क्या आपको लगता है कि यह कहानी आजादी की लड़ाई की और संकेत करती है ?यदि हां तो कैसे?

5.पाठ 'ल्हासा की ओर' यात्रा वृतांत के आधार पर तिब्बत की भौगोलिक स्थिति का शदू चित्र प्रस्तुत कीजिए।यह आपके शहर राज्य से कैसे भिन्न है?

6. अक्ति काल के प्रमुख संतों के नाम बताइए तथा समुण और निर्मुण भक्ति में क्या अंतर है?

7.कबीर दास जी के कोई पांच प्रेरणादायक दोहे A-3 साइज शीट पर लिखें । (अपनी पाठ्य पुस्तक के अतिरिक्त)

8. 'स्वच्छ भारत, स्वस्थ भारत' विषय पर 250 शद्धों में अनुच्छेद लिखिए। 9.आप रविंद्र, 51 गांधी मार्ग ,औरंगाबाद में रहते हैं मिंबई में रहने वाले अपने मित्र जॉर्ज को ग्रीष्मकालीन अवकाश में अजंता चलने के लिए आमंत्रित करते हुए पत्र लिखिए।

10.पहलगाम में हुए आतंकी हमले के संबंध में नागरिकों के मध्य असंतोष बढ़ रहा है इस विषय पर दो नागरिकों की बातचीत लिखिए

11.'मैरी कॉम' के व्यक्तित्व एवं कृतित्व पर आधारित एक प्रोजेक्ट फाइल तैयार कीजिए।

• आरंभिक जीवन, ट्रेनिंग उपलब्धियां और आगामी योजनाएं(A4 size sheet)

12.प्रतिदिन् एक पृष्ठ सुलेख कीजिए ।

13.टेस्ट सीरीज, पाठ्यक्रम याद करके लिखित अभ्यास करिए-

क्षितिज (गद्य)- दो बैलों की कथा, ल्हासा की ओर क्षितिज (पद्य)-साखी और सबद, वाख

कृतिका- इस जल प्रलय में

व्याकरण -समास ,वाक्य भेद ,संवाद लेखन एवं सूचना लेखन। नोट: ग्रीष्मावकाश गृह कार्य अलग से एक पतली कॉपी में करिए।

MODERN PUBLIC SCHOOL, SECTOR 37 FBD.

SUMMER HOLIDAYS HOMEWORK

CLASS 9 MATHS (2025-26)

Q1Find the reflection of the point (-3 - 2) in the y axis?

Q2 If x=1,y= 6 is a solution of the linear equation $8x - kY + k^2 = 0$ find the value of k

Q3If $2^{x}=3^{y}=6^{-z}$, prove that 1/x+1/y+1/z=0

Q4 if the polynomials ax^3+3x^2-13 and $5x^3-8x+a$ leaves the same remainder when divided by x + 1 then find the value of a

Q5 Divide $2x^3+3x^2-9x+4$ by 2x - 1 and verify the division algorithm Q6 using proper identity factorise the following

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(a)9a<sup>2</sup>+6a+1-25b<sup>2</sup>
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(b)(2x-3y+5)(2x-3y-5)
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 $(c)25/9x^2-y^2/4$

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(d)250x<sup>3</sup>-432 y<sup>3</sup>
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Q7 if both x -2 and 2x - 1 are factors of px^2 + 5x + r show that P = r
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Q8 If p=2-a, prove that a<sup>3</sup>+6ap+p<sup>3</sup>-8=0
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Q9 determine the point on the graph of the linear equation to 2x + 5y = 19 whose ordinate is one and half times it's abscissa

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Q10 If (m-2,2m+1) lies on equation 2x+3y-10=0, find m
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Q11 Draw the graph of the equation 3x + 2y = 6
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find the coordinates of the point where the graph cuts the Y axis.

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Q12 Prove that: x^3+y^3+z^3-3xyz = \frac{1}{2}(x+y+z)[(x-y)^2+(y-z)^2+(z-x)^2].
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Q13 If a+b+c = 8 and a^2+b^2+c^2=24, find the value of a^3+b^3+c^3-3abc.
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Q14 If a+b=8 and ab=6, find a³+b³

Q15If x+2a is a factor of x^5 -4a²x³+2x+2a+3, find the value of a

Do holiday homework in fair notebook

Art integrated project

sketching from nature and surrounding of Manipur

key points- Manipur literacy rate ,population by religion and climate of Manipur

Do chapter test of page number 49to 50 and page 104to106 from APC in separate practice notebook Revise all the chapters done in class

Modern Public School Class-IX Subject-Information Technology Summer holidays homework

Q: Make a poster on any **one** topic from the following on A3 size sheet.(Refer below pictures)

a) Artificial intelligence



b)Cyber Security



MODERN PUBLIC SCHOOL HOLIDAY HOME WORK CLASS IX

(Physics+Chem)

- 1. Define
 - a) fusion
 - b) Latent Heat
 - c) Kelvin
 - d) Latent heat of fusion and vapoirisation
 - e) Kelvin
 - f) Atmospheric pressure
- 2. Explain with examples
 - a) Saturated solution
 - b) Pure substance
 - c) Colloids
 - d) Suspension
- 3. Starting from a secondary position Ajay paddles his bicycle to attain a velocity of 10m/s in 25 sec. Then he applies brakes such that he again comes to rest after next 50 seconds. Calculate the acceleration of cycle in both cases to find total distance covered by Ajay.
- 4. Explain uniform circular motion. Is it an accelerated motion? If yes, what is the direction of the acceleration? Givean example of this type of motion.
- 5. Distinguish between
 - a) Three states of matter
 - b) Mixtures and compounds
 - c) Homogenous and heterogenous mixtures
 - d) Elements and compounds
- 6. Distinguish between uniform motion and non, uniform motion. Is uniformly accelerated motion, uniform motion? Give one example each of uniform and non-uniform motion.
- 7. The speedometer readings of a car are shown below. Find the acceleration of the car and its displacement.

Time	Speedometer
9.25 am	36km/h
9:45am.	72lm/hr

- 8. Plan to go to a place by a vehicle. Take readings of odometer and speedometer after every 5 minutes till you reach your destination. Record these observations in tabular form. Plot graphs between distance-time and speed- time. State whether this motion is uniform or non uniform.
- 9. Write an activity to purify Copper sulphate by the process of crystallisation.

10. Measure the time it takes you to walk from your house to your school. If you consider that your average walking speed is 4km/hr estimate the distance of the school from your house.

Blology

- 1. Why do plant cells have more in number and big sized vacuoles as compared to the animal cell.
- 2. What would happen to a cell's life if it didn't have a golgi apparatus?
- 3. Why is endocytosis found in animal cells only?
- 4. What change do you expect if dry apricots are left for sometime in pure water and later transferred to sugar solution.
- 5. Differentiate between the nuclear region of a bacterial cell and onion cell.

Art-Integration project

Aesthetic Organisation

To integrate science with art by choosing suitable trees, flowering plants and vegetables of Manipur based on:

- Soil type
- Sunlight availability
- Water Requirement

Also write environmental benefits (oxygen release, air purification etc)

MODERN PUBLIC SCHOOL (SESSION-2025-26)

Holiday Homework: CLASS IX. SUBJECT: ENGLISH

GENERAL INSTRUCTIONS:

1. HOLIDAY HOMEWORK should be presented neatly and organise, often in Supplementary 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 to TEST SERIES-1 SYLLABUS.

SECTION A (READING)

DISCURSIVE PASSAGES (Grammar Text Book PRACHI)

QUE1.Read the passages carefully and answer the following questions.

NOTE: Do it in your notebook. No need to write questions, write only answers.

1.Have you ever faced a failure Journey towards achieving your dreams. (Page No 13,14) (WORKSHEET 5)

2.Keep your watch accurate Without risking being late. (Page No 15,16) (WORKSHEET 6)

SECTION B (WRITING & GRAMMAR)

QUE 2: Write a diary entry in 100-120 words describing your experience attending a local cultural festival or fair. What traditions did you see, what activities did you participate in and how did it make you feel about your cultural heritage?

QUE3: MISCELLANEOUS GRAMMAR (Grammar Text Book PRACHI)

(Set V) Given on Page No 229,230

(Set VI) Given on Page No 231,232

QUE4; Answer the following questions in about 40-50 words:

- a. What differences do you find in the present school and the school described in the lesson 'The Fun They Had'?
- b. Evelyn turned deaf by the age of eleven, so how did she understand music and become an inspiration to millions?
- c. Which qualities of character enabled Evelyn to move ahead in life?
- d. What offer did one of Bismillah Khan's students in the U.S.A make to him? Why?
- e. What is Bismillah Khan's special achievement on 15 August 1947?
- f. The man who had rescued the child was compassionate and kind. What values of humanity are reflected through his character? (THE LOST CHILD)
- g. Describe Toto's mischief at lunchtime. How did the author's family get rid of Toto in the end?
- h. The wind is a symbol of power and strength. How can we befriend it and survive in our struggle for existence?

Que5: Suggested Activities by CBSE

NOTE: 1. MULTIDISCIPLINARY PROJECT:

Diary entry

Imagine you visited Manipur during your summer vacation. Write a diary

entry on your experiences related to food, dance forms, festivals, flora and fauna etc.

Note: use A4 size sheets and illustrate related pictures.

2. ART INTEGRATED PROJECT

Describe the life and work of **Mary Kom**. Take the help of the points given below.

- ✤ Early Life
- Training
- Achievements

Future Plans

NOTE: To be illustrated with some related pictures on A4 Size Sheets.

NOTE: Compile the Art Integrated and Multidisciplinary Project in a Portfolio.

Modern Public School sector 37 Faridabad Holiday homework - Summer break // 顧 Sessison -2025-2026 Class 9 - Social Science

Instructions-1- All questions are compulsory.

2-Work neatly and legibly in your

economics notebook.

3- It should be submitted by third July 2025

Q1- Who started collectivisation program in Russia?

Q2- During the first world war Russia fought against

Q3- Area drained by a single rivers system is called_____

Q4- Who can be a literate person?

Q5- Investment in human capital is expenditure on_

Q6-What difficulties did the framers of constitution face?

Q7-Who was Nelson Mandela ?What was his achievement?

Q8- Write any three silent features of Indian Constitution?

Q9- Why are rivers important for the country's economy?

Q10- What role does health play in the individuals working life?

Q11- Write about **forest under the Colonial rule** in India. How did the introduction of new legal system impact traditional social norms and justice system ?Use A4 size sheet to write.Add the pictures.

Q12-Compare Manipur and Haryana on the basis of their natural resources. Comparison should be done in tabular form. Use related pictures and A4 size sheet.

Q13- creative work

A Make a model of an Indian missile with waste material .roll number 1 to 10

B Working model of **EVM machine** roll number 11 to 20

C Working model to show India's states and capitals roll number 21 to 30

D Working project to show human capital of India roll number 31 onwards.