Holiday Homework

Class VIII

Time for some holiday fun,

Time for some play,

Summers are the time to chill,

And play a lot with clay,

Castles in the sand for sure,

Sun block would be the only cure,

In the summer's heat,

Happy Summer Season!

General Instructions that are to be followed:

- Download the holiday homework pages and complete the task.
- Handwriting should be neat and legible.
- All the subject holiday homework should be done in respective subject notebooks.
- The holiday homework would be graded.
- The work should be original and not copied from internet.
- The assignments should be submitted to the respective subject teachers.
- Surprise recapitulation will be done by the teachers in the month of July.
- Encourage your ward to do the assigned holiday homework independently.

Summer Tips to be followed:

- "A healthy mind resides in a healthy body"- Pay attention to your health, go for morning and evening walks, drink lots of water, avoid the consumption of junk food, eat healthy and stay healthy.
- Open your mind for reading newspapers, novels, blogs and stories that will help you in increasing your vocabulary.
- Indulge yourself into activities like cooking, singing, dancing, aerobics, cycling, trekking, swimming, art and craft, river rafting and gardening. And share your experience with your family and friends.
- Spend quality time with your grandparents and parents, talk to them regarding their experience of school.

Class: VIII   **Subject: English**

Name: _____   **Roll No. ___**

Attempt all the questions. Read each instruction carefully and respond in the space provided.

1. Rewrite as directed:

a. She can dance very well. (Interrogative)

_____

b. It was a very beautiful performance. (Exclamatory)

_____

c. Mount Everest is the <u>highest</u> peak in the world. (Use positive degree of the adjective)

_____

d. She always speaks the truth. (Negative without changing the meaning)

_____

2. Nominalise the given sentence making other necessary changes: -

a. He decided to <u>resign</u>.

_____

b. The manager <u>approved</u> the proposal.

_____

3. Fill in the blanks with appropriate prepositions:

Last week, Riya decided to cut _____ junk food to stay healthy. She had to deal _____ constant cravings, but she was determined. One evening, she ran _____ her old school friend at the grocery store, who encouraged her to stick _____ her plan. They both agreed to catch _____ over coffee someday. Before leaving, Riya promised to follow _____ on the meeting and waved goodbye with a smile.

4. Fill in the blanks with suitable prepositions:

She was fond _____ music and always keen _____ learning new instruments. Her father took pride _____ her dedication and often spoke _____ her achievements.
She was absorbed _____ practice, determined to excel _____ every concert.

5. Fill in the blanks with compound prepositions: -

Ravi reached school late _____ heavy traffic on the highway. _____ arriving at the gate, he saw a long queue _____ the entrance. He waited patiently _____ complaining, even though he was getting late. _____ his good behaviour and honesty, the teacher allowed him to enter without punishment.

6. Fill in the blanks with suitable conjunctions: -

Rohan wanted to join the football team, _____ he knew he needed to improve his stamina. He started jogging every morning _____ it was difficult at first. He continued his routine _____ he was determined to succeed. His friends cheered for him _____ he finally got selected. _____ he works hard and stays focused, he'll become a great player.

7. Fill in the blanks with the correct tense of the verbs given in brackets:

Yesterday, Neha _____ (wake) up earlier than usual. She _____ (plan) to revise her notes before school. After she _____ (eat) breakfast, she quickly _____ (leave) for school. By the time she _____ (reach) the gate, the bell _____ (already/ring). She _____ (feel) relieved because she _____ (not/be) late. If she _____ (miss) the bus, she _____ (have) to walk all the way.

8. Write the antonyms of the words given in bold: -
   a. The manager's **optimistic** attitude helped the team succeed. _____
   b. His actions were considered **irresponsible** by the committee. _____
   c. The mountain trail was **treacherous**, making the climb difficult. _____
   d. The new policy was seen as **progressive** by many employees. _____
   e. The report was very **concise**, giving just the necessary details. _____

9. Write the synonyms of the words given in bold:
   a. The **angry** teacher scolded the students for being late. _____
   b. The **beautiful** scenery took our breath away. _____
   c. He felt **guilty** after breaking the vase. _____
   d. The book was **difficult** to understand for beginners. _____
   e. Her **generous** donation helped the charity reach its goal. _____

10. Rewrite and punctuate the following sentences: -

a. What a beautiful day it is said Sarah

_____

b. I hope it stays this way all week long she smiled

_____

c. The sun is shining brightly the birds are singing

_____

d. Let's go for a walk and enjoy the fresh air

_____

11. Transform the following sentences into indirect speech: -

a. He said, "I have completed the assignment."

_____

b. She said to me, "Are you coming to the party?"

_____

c. Rohan asked, "Where did they go yesterday?"

_____

d. The teacher said, "You must submit the project by Friday."

_____

e. Maya asked, "Have you seen my notebook?"

_____

12. Transform the following sentences into passive voice: -

a. The librarian issued the new books to the students yesterday.

_____

b. Someone has stolen my bike from the parking lot.

_____

c. The committee is reviewing the applications carefully.

_____

d. They had already painted the walls before we arrived.

_____

e. The engineer will design a more efficient machine.

_____

13. Write a diary entry as Shylock, after the trial is over. His feelings, self-confessions, etc.
(In literature Notebook)

Name :_____   Roll No._____

_____

<u>निर्देश</u>:- हिंदी वर्कशीट का कार्य कमेंट सीट में सुंदर लेख में करेंगे।

प्र1-निम्नलिखित वाक्यों को ध्यान से पढ़िए और रेखांकित शब्दों के अर्थ लिखिए।

1- किसान <u>हल</u> से खेत जोतता है।

अध्यापक ने कुछ प्रश्न <u>हल</u> करने के लिए दिए।

2- खीर बनाने की <u>विधि</u> बहुत ही सरल है।

<u>विधि</u> का विधान कोई नहीं बदल सकता।

3- हवा की <u>गति</u> बहुत तेज़ है।

तुम्हारी यह <u>गति</u> तुम्हारे कर्मों के कारण है।

प्र2- निम्नलिखित शब्दों से वाक्य बनाइए।

1- कपट -

कपाट-

2- अनु -

अणु-

3- कंकाल -

कंगाल-

4- हेम -

हिम-

5- जलद-

जलज-

प्र3- नीचे लिखे शब्दों में तत्सम और तद्भव शब्दों को छांटकर अलग-अलग लिखिए।

आंसू, सोना, घोड़ा, कान ,अग्नि, पक्षी, नव,   अश्रु, ओंठ, कर्ण, जीव, गेहूं ,दिन, प्रस्तर, मौत, शून्य ,दांत, दिवस, कुआं।

प्र4- निम्नलिखित वाक्यों में रेखांकित शब्दों के उचित पर्यायवाची का प्रयोग करके दोबारा लिखें।

1- प्रातः काल रवि देवता को जल चढ़ाना चाहिए।

2- राहुल की जीवनसंगिनी बहुत अच्छा खाना बनाती है।

3- दांत में दर्द होने के कारण मैं कुछ खा नहीं पाया।

4- रात को ठंडी समीर चलती है।

5- आम का विटप बहुत बड़ा है।

प्र5-निम्नलिखित शब्दों के विलोम लिखें।

आलसी, समर्थन, सज्जन , सौभाग्य , गोचर इष्ट ,याचक, वादी , व्यय, उत्थान।

प्र6--रेखांकित शब्दों के स्थान पर एक शब्द लिखें।

1-दैनिक जागरण हमारे यहां का प्रतिदिन आने वाला अखबार है।

2-विद्यालय के 25 वर्ष पूरे होने पर उत्सव मनाया गया।

3-पंकज दूसरों के मन की बात को पहलेसे ही जान लेता है।

4-हम लोग दोपहर के बाद ही बाजार जाएंगे।

5-वह बहुत बड़े संत है, दूसरों के मन की बात जान लेते हैं।

प्र7--लिंग संबंधी अशुद्धियां को दूर करके वाक्य को पुनः लिखें।

1-लक्ष्मीबाई बहुत वीर थी।

2-नेहा एक ग्रंथ लाया है।

3-राजा और रानी आई है।

4-हम तुम्हारा बात नहीं समझे।

5-शेर जंगल में दौड़ रही है।

प्र8- कोई एक कहानी लिखिए जिसमें उपसर्ग शब्दों का प्रयोग हुआ हो।

प्र9-- शरीर के अंगों पर आधारित जैसे –((मुंह ,नाक) के चित्र बनाकर उनके अनुसार पांच मुहावरे अर्थ सहित लिखें।

प्र10- इन गर्मियों की छुट्टियों में आपके पिताजी ने आपके व परिवार के अन्य सदस्यों के लिए कन्याकुमारी घूमने का कार्यक्रम बनाया है। यह जानकर आप बेहद उत्साहित है। इस विषय पर एक अनुच्छेद लिखें।

प्र11- परियोजनाकार्य:-

1- भारत के मानचित्र में अलग-अलग राज्यों के नाम लिखें।

2- भारत देश विविध सांस्कृतिक विशेषताओं वाला देश है। यहां का हर प्रांत अपनी अलग-अलग विशेषता समेटे है ।आप अपने पसंदीदा राज्य की संस्कृति, रहन-सहन, खान-पान, भाषा ,वेशभूषा आदि की विशेषताओं से संबंधित एक परियोजना बनाइए।हां , विशेषता बताने वाले शब्दों को दर्शन मत भूलिएगा।

3-अपनी मातृभाषा और एक किसी अन्य भाषा में अपना नाम और परिचय लिखिए।

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Class: VIII   HOLIDAY ASSIGNMENT (SUMMER VACATION) (2025 – 26)

Date: **Mathematics**

Name: _____   **Roll No. ___**

NOTE: Do all questions in Maths Register

1. Solve: $15(y - 4) - 2(y - 9) + 5(y + 6) = 0$

2. Find the perimeter of a rectangle whose sides are 500cm and 400cm.

3. Divide: $34x^3y^3z^3 \div 51xy^2z^3$

4. Find the cube root of 27000.

5. Find the square root of 7744.

6. Add: $a - b + ab, b - c + bc, c - a + ac$

i)   Factorize: (i) $7p^2 + 21q^2$ (ii) $6xy - 4y + 6 - 9x$

7. Factorize:

   i) $a^4 - b^4$ ii) $p^2 + 6p - 16$

8.   Using a suitable identity determine the following:

a. $(\frac{1}{3}x^2 - \frac{1}{2}y^2)(\frac{1}{3}x^2 + \frac{1}{2}y^2)$ (ii) $(x - \frac{1}{x})(x + \frac{1}{x})(x^2 + \frac{1}{x2})$

9. Simplify:

i) $(p^2 - q^2)(2p + q)$

ii) $(x + y)(2x + y) + (x + 2y)(x - y)$

10. Multiply $3a + 2b$ and $5a + 7b$

11. Factorize $x^2 - 7x + 12$

12. **Factorize the following:**

   i. $3x - 9$ ii. $5x - 15x^2$ iii. $20a^{12}b^2 - 15a^8b^4$ iv. $20x^3 - 40x^2 + 80x$

13. Is 1188 a perfect cube? If not, find the smallest number by which 68600 must be multiplied to get a perfect cube.

14. Find the least number that must be subtracted from 1989 so as to get a perfect square. Also find the square root of the perfect square

15. Is 2352 a perfect square? If not, find the smallest multiple of 2352 which is a perfect square. Find the square root of new number.

16. Find m so that $(-3)^{m+2} \times (-3)^9 = (-3)^7$

17. Evaluate $(\frac{5}{8})^{-7} \times (\frac{8}{5})^{-4}$

18. Find the least number that must be subtracted from 5607 so as to get a perfect square. Also find the square root of the perfect square.

19. Find ten rational numbers between $\frac{-2}{5}$ and $\frac{1}{2}$

20. Verify that $-(-x)=x$ for $x=\frac{11}{15}$

21. Find $\frac{3}{5} \times \frac{-3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$

22. Write a Pythagorean triplets whose smallest member is 8

23. Multiply $\frac{6}{13}$ by the reciprocal of $\frac{-7}{16}$

24. A gardener has 1000 plants. He wants to plant these in such a way that the number of rows and the number of columns remain same. Find the minimum number of plants he needs more for this.

25. Subtract $(x^3 + 17 x^2 +8x +4)$ from the product of $(8x^2 +4x - 1)$ and $(5x + 7)$

26. Find the product of $(3d - 5)(3d + 5)(9d^2 +25)$

27. Show that $(\frac{x^a}{x^{-b}})^{a-b} \times (\frac{x^b}{x^{-c}})^{b-c} \times (\frac{x^c}{x^{-a}})^{c-a} = 1$

28. **Simplify :** $\dfrac{3^2 \times 7^8 \times 13^6}{21^2 \times 91^3}$

29. Simplify $\{\frac{4}{-7} + \frac{-9}{7}\} \div \{\frac{3}{5} \times \frac{(-1)}{(-15)}\}$

30. Find the value of $3\frac{2}{5} + 4\frac{3}{10} - 5\frac{1}{2}$

Social Science

1. Project File.

- Follow the following steps: -

Take a clean glass tumbler and fill it half with water. Then add some garden soil and mix it with a spoon. Click a picture Wait for a few seconds, when the lower most layer has settled, click a picture. Repeat the process of waiting and letting the subsequent layer settle and then clicking the picture. When all the layers are settled, click another picture. Paste all the pictures and mention the steps, and label the layers of soil from the last picture

Or

- **3D Model**
  Make a soil profile model with the help of cardboard and thermocol.

2. **Collage Making**

Find about the endangered species of animals/birds in **Meghalaya**, collect them Photographs and make a collage on an **A3 sized sheet**.

Science

1. Create a model of aquatic food chain. Identify producers, consumers and decomposers in the food chain.

Or

Prepare water cycle model in a used plastic cold drink bottle.

2. Prepare a project file based on 5 aquatic plants. It should have the picture of the concerned plants along with their detailed descriptions.

Note: - The Project file should be **handwritten** and compulsory for all.

Computer

- Make a PowerPoint Presentation on the topic "E-Waste Management" of at least 20 slides and mail on: hldyhmwrk2025@rediffmail.com

AI

- Create a ppt on any five applications of AI using MS power point.