The summer vacations this time would not be ice creams, candies and a cool pool, but time that can be utilized in honing skills and interests.

It is easier to bloom than to be a bud, but you are responsible young members of the nation and we must 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 remember

❖ Drink plenty of juice and water to avoid dehydration.

❖ Make hand washing and hygiene a part of your routine.

❖ Holiday Homework is a part of subject enrichment and will be assessed based on the creativity and efforts of the students.

❖ It's the perfect time to enhance your speaking skills and vocabulary by conversing in English with your family and siblings.

❖ Reading is essential for those who seek to rise above the ordinary. Spend your quality time reading purposeful books.

❖ Beautiful handwriting makes a good impression. Practice one page of English and Hindi handwriting daily.

❖ Schedule your time for activities so that there is no piling up for the last moment.

❖ Holiday homework should be your authentic creative work.

Dr. Virendra Swarup Education Centre, Jajmau, Kanpur
SUMMER HOLIDAY HOMEWORK (2024-25)

Class: VII
Subject: English   **Date:**
Name: _____   **Roll No.**

The English Holiday Homework comprises of 2 parts: - A Worksheet and A Task
You have to take a **printout of the Worksheet** and the task is to be done on A4 sheets or colored sheets as per your choice. Both the things are to be compiled in a single file.

Task- 1
Make a comic strip on any of the stories from the **Raintree English Reader Book**. For guidance on how to make the comic strip you may refer to the following links:
https://youtu.be/1-3bVfws2UA?si=t1okCvNFggNuUtfZ
https://youtu.be/Bjlxglq__Ts?si=ckhJyQBGK_2QoLqQ
Keep in mind the following points: -
• Do not miss out an important dialogue or event.
• The pictures or scenes that you will be illustrating should only be the main ones as otherwise your comic book will become longer unnecessarily.
• You can make your comic book using stick figures or doodle figures, the guide links for both have been given above.

Task- 2
Worksheet
Q.1 Fill in the blanks with the correct form of the underlined word given in brackets.
1. The science class learned about the different _____ (layer) of the Earth's atmosphere, including the troposphere and the stratosphere.
2. During the field trip, students observed how plants _____ (adaptation) to different environmental conditions, such as temperature and soil moisture.
3. The geography teacher explained how rivers _____ (shaping) the landscape through erosion and deposition processes.
4. In the history lesson, students discussed the _____ (effect) of the Industrial Revolution on society, including urbanization and changes in working conditions.
5. During the experiment, students measured the _____ (concentrate) of dissolved oxygen in the water to assess its quality.
6. The English teacher encouraged students to _____ (analysis) the main themes and characters in the novel they were reading.
7. In the mathematics class, students practiced solving _____ (equation) using algebraic expressions and variables.
8. During the art class, students experimented with different _____ (technique) such as shading and perspective to create depth in their drawings.
9. The music teacher taught students how to _____ (composition) their own melodies using musical notation and rhythm patterns.
10. As part of the physical education curriculum, students learned various _____ (strategy) for improving their performance in team sports such as soccer and basketball.

Q.2 Identify the errors in the following sentences. Underline the error and rewrite the corrected sentence:-
  1. My best friend and me is going to the movies tonight.

Corrected:
2. The dog barked loud when the doorbell rang.

Corrected:
3. My sister and I enjoys playing board games together.

Corrected:
4. Yesterday, me and my brother goed to the park.

Corrected:
5. The students writed essays for their English assignment.

Corrected:
6. The cake was so delicious that everyone ate it all.

Corrected:
7. Sarah's favourite subject in school are science.

Corrected:
8. We goes swimming every Saturday afternoon.

Corrected:
9. The teacher gave each of we a different task to complete.
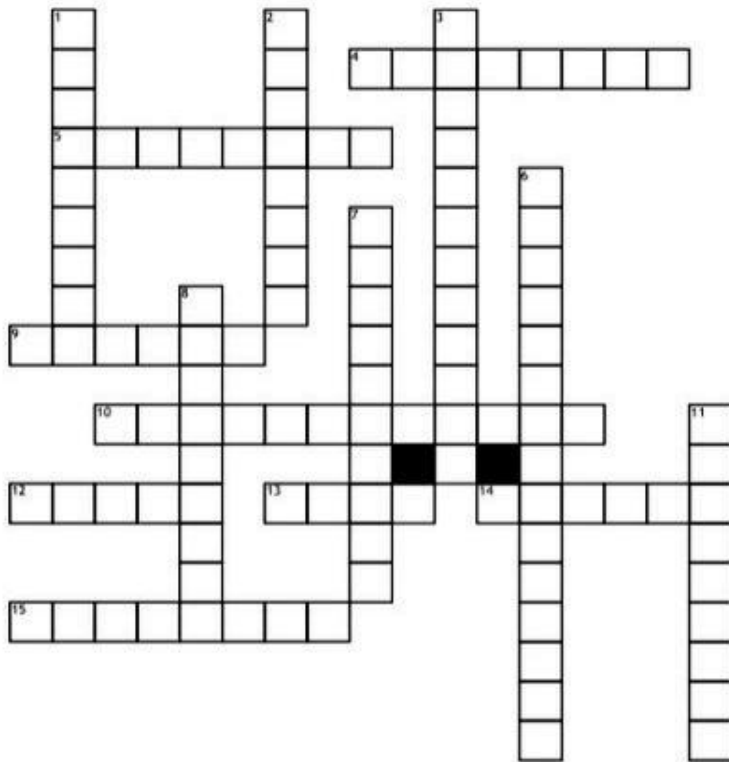
Corrected:
10. My parents bought they a new car last month.

Corrected:

Q.3 Do as directed. You have to rewrite the sentence including your responses.

1. The chef cooked the delicious meal. (Transform into passive voice)

2. Sarah said, "I will visit my grandparents next weekend." (Transform into indirect speech)

3. The weather was scorching hot yesterday. (Provide an antonym for "scorching")

4. The book was fascinating, capturing the reader's attention from the first page. (Provide a synonym for "fascinating")

5. John decided to give up smoking for his health. (Replace "give up" with a synonym phrasal verb)

6. The cat slept peacefully on the windowsill. (Add a prepositional phrase at the end)

7. After studying all night, Tom passed his exam with flying colours. (Replace "with flying colours" with an idiom with a similar meaning)

8. Practice makes perfect, especially when learning a new skill. (Provide a proverb related to perseverance)

9. The students completed the project before the deadline. (Transform into passive voice)

10. "I love reading mystery novels," she said. (Transform into indirect speech)

Q.4 Solve the following crossword based on the clues given: -

Across

4. A type of punctuation mark that indicates something omitted

5. The type of noun that you are unable to touch physically

9. A collection of words but without any punctuation

10. A poetic device that indicates the use of sound

12. A type of punctuation mark that indicates a pause

13. A rhyming scheme: cat, dog, mat, fog

14. A poetic device that uses "like" and "as"

15. A collection of words, with punctuation.

Down

1. A collection of sentences forming one...

2. A poetic device that states something or someone is compared to but not literally

3. A poetic device that is a repetition of a consonant

6. A poetic device giving a human characteristic to a non-living thing

7. A large book filled with definitions in alphabetical order

8. A poetic device that is the repetition of a vowel

11. A book filled with words that mean the same or are similar to one word

Class: VII
Subject: HINDI   **Date:**
Name: _____   **Roll No.**

सामान्य निर्देश:- कार्य स्पष्ट एवं सुंदर लेख में करेंगे।

*प्रश्न 1 से लेकर प्रश्न 7 तक के प्रश्नों का कार्य हिंदी वर्कशीट में ही करेंगे।

*प्र 8,9,10,11 का कार्य हिंदी व्याकरण पुस्तिका में करेंगे।

प्र1- सोचिए और बताइए-

1-कौन से शब्द सदैव पुल्लिंग में प्रयोग किए जाते हैं?   _____

2-दिनों , महीनों , पेड़ों, पहाड़ों , ग्रहों के नाम किस लिंग के अंतर्गत आते हैं? _____

3-' गण' और 'जन' से बने एक-एक बहुवचन शब्द क्या होंगे ? _____

प्र2- उचित सर्वनाम शब्दों से वाक्य को पूरा करें।

क-बाहर _____ बैठा है?

ख-यह काम _____ किया है?

ग- _____ चिल्लाएगा, उसको दंड मिलेगा।

घ-तुम इस संबंध में _____ जानते हो।

ड़- यह काम तुम्हें _____ करना चाहिए।

प्र3- प्रश्न के चारों उत्तरों में से सही उत्तर चुने और उसका अक्षर खाने में लिखें।

1-कौन सा प्रविशेषण का उदाहरण है-

क-वहां बहुत पानी था।

ख-उसने मुझे बहुत मारा।

ग-बहुत एक विशेषण शब्द है।

घ-यह काम बहुत अच्छा है।

2-अमर 80 आंख हसन 70 अंक इस स्थिति की गलत युक्ति कौन - सी है?

क-अमर को हसन से कम अंक मिले हैं।

ख-हसन को अमर से कम अंक मिले हैं।

ग-अमर को हसन से ज्यादा अंक मिले हैं।

घ-अमन ने हसन से ज्यादा अंक प्राप्त किए हैं।

3-कौन सा संख्यावाचक विशेषण नहीं है।

क-सौ लड़के

ख-तीसरा मकान

ग-थोड़ी परेशानी

घ-थोड़े लोग

प्र4-पर्यायवाची लिखें।

1-अरि _____ , _____

2-मेघ_____ ,_____

3-स्वर्ग_____ , _____

4- शरीर_____ , _____

प्र5- दिए गए शब्दों के दो अर्थों में दो वाक्य लिखें।

कुल-_____

_____

उत्तर –_____

_____

ताल–_____

प्र6-विलोम शब्द लिखें।

परलोक_____ ,   निंदा _____

हर्ष _____ ,   सरस_____,

ज्ञानी _____ ,   स्वार्थ _____

प्र7-शुद्ध करें।

कवयीत्री _____ ,   आयुषमाती _____ ,

साधावी _____,   अभिनेत्रि _____

प्र8- निम्नलिखित पद्यांश को पढ़कर प्रश्नों के उत्तर लिखें।

पानी खोज रहा था कौआ, लगता था बेहद प्यासा।

तपती गर्मी के कारण ही ,मुरझाई उसकी आशा।।

खोज रहा वह बेसब्री से इधर-उधर और ' यहां – वहां।

झुलस रही थी धरती, उसको पानी मिलता भला कहां।।

तभी दूर एक घड़ा देख, वह मन ही मन में हर्षाया।

नहीं गंवाया समय जरा भी, वह फर-फर- फर उड़ आया।।

थोड़ा पानी देख घड़े में, पहले तो वह चकराया।

फिर कुछ सोच बीन- बीन कर , वे थोड़े कंकर लाया।

ज्यों- ज्यों कंकर डाले त्यों-त्योंपानी भी ऊपर आया।।

पानी पीकर प्यास बुझाई, चतुराई का फल पाया।

बच्चों जब भी संकट आए, तो तिलभर मत घबराना।

चतुराईयों' धीरज से तुम मीठा-मीठा फल पाना।

प्र1-कौआ किस मौसम में पानी की तलाश में इधर-उधर भटक रहा था?

प्र2-घड़ा देकर कौए ने क्या किया ?

प्र3-कम पानी देखकर उसने क्या उपाय सोचा?

प्र4-काव्यांश के अनुसार कौए ने चतुराई ना दिखाई होती तो क्या होता?

प्र5-इस काव्यांश से आपने क्या सीख ग्रहण की ?

प्र9-आदमी के बुरे व्यवहार से दुखी दो पेड़ों की बातचीत के विषय पर संवाद लिखें।

प्र10-आपका छोटा भाई छात्रावास (हॉस्टल) में रहकर पढ़ाई कर रहा है। उसको यह बताते हुए पत्र लिखें कि इस बार उसके लगाए आम के पेड़ पर बौर (पीले- पीले फूलों के गुच्छे) आ गए हैं और जब वह गर्मी की छुट्टियों में घर लौटेगा, तो उसे इस पर आम लगे मिलेंगे।

प्र11- " गर्मी के मौसम में झमाझम बारिश वाला दिन" विषय पर सचित्र अनुच्छेद लिखें।

****हिंदी साहित्य एवं हिंदी व्याकरण पुस्तिका में कराया गया संपूर्ण कार्य याद करें।

Class: VII
Subject: MATHS   **Date:**
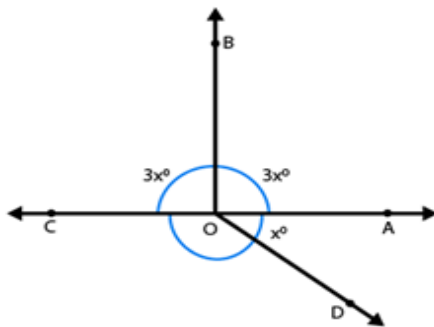**Name: _____**   **Roll No.**

NOTE: Do all questions in the Maths Register

1. Do all questions from page number 319 to 327 from R S AGGARWAL.
2. Find the value of 6 + 8 + (-12) – (- 4)
3. Subtract $\frac{-13}{16}$ from $\frac{17}{24}$
4. Divide $3\frac{1}{2} \div \frac{7}{2}$
5. Find the product of $\frac{-7}{14}$ and $\frac{4}{-8}$
6. Evaluate: {(- 8) – 100 + 12} ÷ {(-4) × 3}
7. Simplify $\{\frac{4}{-7} + \frac{-9}{7}\} \div \{\frac{3}{5} \times \frac{(-10)}{(-15)}\}$
8. Find the value of $3\frac{2}{5} + 4\frac{3}{10} - 5\frac{1}{2}$
9. Write the equivalent fraction for $\frac{3}{8}$ having :

   (i) Numerator 21 (ii) denominator 72
10. Subtract the sum of (-23) and 54 from the sum of (-101), (-20) and (- 12)
11. Divide $\frac{-16}{19}$ by $\frac{64}{-76}$ and add the quotient to the sum of $\frac{-2}{3}$ and $\frac{5}{6}$
12. Which is greater – the sum of $4\frac{1}{4}$ and $5\frac{3}{6}$ or the sum of $6\frac{1}{2}$ and $\frac{4}{5}$ and by how much?
13. Convert $\frac{25}{32}$ into decimals by long division method.
14. Subtract : $\frac{12}{16} - \frac{5}{12}$
15. Express 16807 as a power of 7
16. **Simplify: (-2) × (-3)³**
17. Find the smallest square which is divisible by 8, 12 and 15
18. **Find the value of (5²¹ ÷ 5¹³) × 5⁷**
19. Find the value of $\{\frac{21}{12} \div \frac{7}{6}\} \div [2 - \{\frac{1}{4} \div \frac{5}{8}\}]$
20. Which is greater – the product of 42.65 and 0.92 or the product of 51.38 and 0.659 and by how much?
21. The cost of Mathematics book is Rs $25\frac{3}{4}$ and that of Science book is Rs $0\frac{1}{2}$. Which cost more and by how much?

22. **Simplify : $\dfrac{3^2 \times 7^8 \times 13^6}{21^2 \times 91^3}$**
23. Write the supplement of 85⁰.
24. Which is greater : 7³ or 3⁷
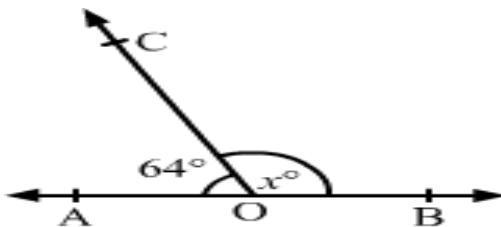25. Find the value of $\frac{16}{27} + \frac{9}{27} - \frac{27}{21}$

26. If 18 books cost Rs. 1170, how much will 25 books cost?

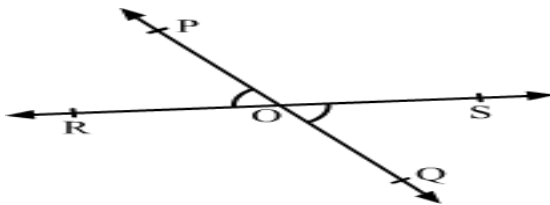**27.** Find the value of $\dfrac{6^3 \times 4^3}{24^2}$

28. **In the given figure find the value of** ∠COB and ∠DOB.

29. In the given figure ∠AOC and ∠COB form a linear pair. If ∠AOC = 64⁰, find the value of ∠COB.

30. **In the given figure ∠POR = 65°, find all other angles.**

Science:

Physics:

Experiment 1: Make a project file stating the experiment, observation, and conclusion from the following activities. Take potassium permanganate, and dissolve it in hot water. Heat it gently, what will be your observations? Also explain the modes of transfer of heat energy, and which mode of transfer of heat energy is taking place in the above experiment.

Experiment 2 In the same file continue with the second experiment. Take a hot water bottle. Pour the hot water into the bottle and cover it with a silvery substance. Write down your observation along with the mention of why we have used a silvery substance.

 Draw a diagram for each of the activities mentioned above.

Chemistry:

1. Write l to 30 element symbols and atomic numbers 3 times.

2. Find out the formula of the following compounds.

(i)   Water

(ii)   Salt

(iii)   Sugar

(iv)   Carbon dioxide

(v)   Carbon monoxide

(vi)   Vinegar

(vii)   Washing soda

(viii)   Baking soda

(ix)   Hydrochloric acid

(x)   Magnesium chloride

3.   Prepare a poster on ways of 'saving water'.

4.   Write short notes on compounds and mixtures.

5.   What is the difference between the symbol and the formula of oxygen?

6.   Most elements are found in the Free State in nature. Do you agree? Give reasons.

7.   Write the valencies of some common elements and groups

(i) Hydrogen

(ii) Oxygen

(iii) Aluminium

(iv) Carbon

(v) Nitrogen

(vi) Sulphur

(vii) Iron

(viii) Phosphate

(ix) Chlorine

(x) iodine

8. What is a chemical equation? Why is it necessary to balance an equation?

9. Define the following   (a). Atomicity (b). Valency (c). Symbol

10. What information does a formula give?

Biology:

ANSWER THE FOLLOWING QUESTIONS (TO BE DONE ON CLASSWORK NOTEBOOK)

1. Write the functions of different types of teeth in human beings.

2 'A' got her gall bladder removed surgically as she was diagnosed with stones in her gall bladder. After the surgery, she faced problems in the digestion of certain food items when consumed in bulk. Can you tell which kind of food items would they be and why?

3. Boojho took some grains of boiled rice in test tube 'A' and Paheli took boiled and chewed rice in test tube 'S'. Both of them poured 1-2 drops of iodine solution into the test tube and observed the colour change. What colour change would they have observed? Give reasons for your Answer.

4. Boojho and Paheli were eating their food hurriedly so that they could go out and play during recess. Suddenly, Boojho started coughing violently. Think of the reasons, why he was coughing and discuss with your friends.

Draw the labelled diagram of the tongue showing different regions for taste buds.

5. Little Rishi (a student of class VI) was watching his favourite cartoon serial on television. Suddenly he got hiccups. His elder brother Shubham who was sitting near him gave him a glass of water and suggested not to eat too fast in a hurry. Little Rishi got confused as he had heard that 'hichki' comes when someone remembers. He asked his father. His father smiled and explained to him that it was only

a myth. He also explained to him the proper scientific reason behind it.

(a) What is hiccup?

(b) Why do we get hiccups?

(c) What are the values shown by Rishi? [Value Based Question]

6 **Define oral rehydration solution and when it is given to the patient. How can you prepare ORS at home?**

ACTIVITY (TO BE DONE ON ACTIVITY COPY)

Explain the human digestive system with a labelled diagram.

Social Science:

- Make a working model of the interior of the earth showing the different lists with its labelling temperature, minerals, and thickness.

- Write down the steps of the working model of how the earth's interior layers are functioning.

Computer:

Make a PowerPoint presentation of 15 or more slides, excluding the Title, Acknowledgement, and Bibliography slides. You may include the following points:

1. The Origin and History of Artificial Intelligence

2. Types of Artificial Intelligence

3. Application Areas of Artificial Intelligence.

4. One of the famous robots that completely work on Artificial Intelligence. Their abilities and future prospects.

The presentation is to be mailed to the following e-mail ID: **summerholidayhomewokseventh@gmail.com**