SUBJECT : ENGLISH

INSTRUCTION:-

- ***Kindly take a printout, write the answers and use a separate A4 sheet for question number.24 (approximately 100 words)***

1. Identify the subject in the following sentence: Amidst the chaos, the courageous knight bravely faced the dragon.
2. What is the past tense of the verb "conceive"?
3. Choose the correct form of the verb: Each of the students ___ a different approach to the problem. (has/have)
4. Identify the conjunction in the sentence: She not only completed her assignment but also scored the highest marks in the class.
5. What is the plural form of "phenomenon"?
6. Rewrite the sentence using correct punctuation: however we tried we couldn't reach on time
7. What part of speech is the word "exceedingly" in the sentence: She was exceedingly pleased with her performance.
8. Correct the sentence: Neither of the girls were interested in the science fair.
9. Identify the preposition in the sentence: The treasure is buried beneath the ancient oak tree.
10. What is the comparative form of "magnificent"?
11. Identify the object pronoun in the sentence: The teacher gave him the award.
12. What is the superlative form of "intelligent"?
13. Correct the sentence: She had sang beautifully at the concert.
14. Identify the adverb in the sentence: He spoke quite softly during the meeting.

15. What is the past participle of the verb "fly"?
16. Choose the correct form of the adjective: This is the ___ story I've ever heard. (exciting/more exciting/most exciting)
17. Identify the interjection in the sentence: Alas! We missed the last train
18. What is the plural possessive form of "woman"?
19. Correct the sentence: The team hadn't took the field when it started raining.
20. Identify the article in the sentence: The diligent student always finishes their homework on time.
21. What is the past tense of the irregular verb "arise"?
22. Choose the correct form of the verb: She ___ her brother in the race.(outrun/outran)
23. Identify the gerund in the sentence: Reading is a great way to expand your vocabulary.
24. Write a narrative essay exploring the power of imagination. Share a personal experience or create a fictional story that highlights the importance of imagination in overcoming challenges or achieving goals. Reflect on how imagination has influenced your life or the lives of others.

विषय - हिंदी
ग्रीष्मकालीन अवकाश गृह कार्य

*ग्रीष्म अवकाश के दौरान गर्मी से परेशान पशु - पक्षियों की आप कैसे मदद करोगे?

*अपने अनुभव को अपने चित्र के साथ मॉडल, फ्लैशकार्ड या चार्ट पेपर पर चिपकाकर दर्शाना है।

(अनुक्रमांक **1- 7**)

*महाभारत के मुख्य किरदारों की कठपुतलियों का नाट्य रूपांतरण एक मॉडल के रूप में बनाना है।

(अनुक्रमांक **8-14**)

*किसी भी लघु या कुटीर उद्योग का मॉडल बनाकर उसकी व्याख्या हिंदी भाषा में करनी है।

(अनुक्रमांक **15- 19**)

Note:- ऊपर दिए गए सभी विषय प्रोजेक्ट, चार्ट या फ्लैश कार्ड और कठपुतलियाँ हिंदी भाषा पर आधारित होनी चाहिए।

पाठ 1,2.....(वसंत भाग 3)

पाठ 1,2,3,4,5..... (भारत की खोज)

पाठ 1,2..... (व्याकरण लतिका)

लेखन व स्मृति कार्य पूरा करो।

MATHEMATICS

Chapter 1: Rational Numbers

Worksheet-I

1. What should be added to -5/4 to get -1?

(I) -1/4 (II) 1/4 (III) 1 (IV) -3/4

2. What should be subtracted from -5/4 to get -1?

(I) -1/4 (II) 1/4 (III) 1 (IV) -3/4

3. Which of the following is the identity element?

(I) 1 (II) -1 (III) 0 (IV) None of these

4. Which of the following is the Multiplicative identity for rational numbers?

(I) 1 (II) -1 (III) 0 (IV) None of these

5. Which of the following is neither appositive nor a negative rational number?

(I) 1 (II) 0 (III) Such a rational number does not exist

(IV) None of these

6. Which of the following lies between 0 and -1?

(I) 0 (II) -3 (III) -2/3 (IV) 4/3

7. Which of the following is the reciprocal of a?

(I) -a (II) a (III) 1/a (IV) -1/a

8. Which of the following is the product of 7/8 and -4/21?

(I) -1/6 (II) 1/12 (III) -16/63 (IV) -147/16

9. Which of the following is the product of (-7/8) and 4/21?

(I) -1/6 (II) 12 (III) -63/16 (IV) -16/147

10. Which of the following is the reciprocal of the reciprocal of a rational number?

(I) -1 (II) 1 (III) 0 (IV) The number itself

Worksheet-II

1. Associative property is not followed by which type of numbers?
2. ____ is the identity for the addition of rational numbers.

   (a) 1 (b) 0 (c) 1 (d) 1
3. What is the multiplicative identity for rational numbers?
4. What is the additive inverse of 3/5?
5. How many reciprocals does zero have?
6. Write.

   (i) The rational number that does not have any reciprocal at all.

   (ii) The rational numbers those are equal to their reciprocals.

   (iii) The rational number that is equal to its negative.
7. Give a rational number which when added to it gives the same number.
8. By what rational number should 22/7 be divided, to get the number -11/24?
9. Represent the following rational numbers on the number line.

   (i) 3/10 (ii) 8/7 (iii) 1.345 (iv)21/7
10. If you subtract 1/8 from a number and multiply the result by 1/4, you get 1/16. What is the number?
11. Which of the following can be expressed as terminating or non - terminating?

    (a) 1/3 (b) -14/15 (c) -38/81
12. Find two rational numbers between (i) -3 and 3. (ii) 0 and 1.
13. Insert six rational numbers between:

    (i) -1/4 and -2/5 (ii) 21/12 and 12/21.

14. Find two rational and two irrational numbers between 1/8 and 2/9.

Worksheet-III

1. Write three rational numbers occurring between 1/3 and 4/5.
2. Multiply the negative of 2/3 by the inverse of 9/7.
3. What should be added to -16/3 to make it 1/9?
4. What should be subtracted from 5/8 to make it -1?
5. Write different properties of a rational number.
6. Represent 3/4 and 8/9 on a number line.
7. Find the greater of the two -12/5 and 4/9
8. Multiply the negative of 29/2 by its inverse.
9. Write a rational number equivalent to 9/10 having 90 as numerator.
10. Write a rational number equivalent to 18/29 having 87 as denominator.
11. Write 2/3, -4/9, -8/11 in ascending order.
12. Write 2/3, -4/9, -8/11 in descending order.
13. Fill in the blanks:

    (i) The product of a number and its product is _____.

    (ii) The rational number _____ has no reciprocal.

    (iii The reciprocal of the reciprocal of a number is _____.

    (iv) The rational number _____ is neither positive nor negative.

    (v) _____ is the only rational number which is equals its additive inverse.

14. Write:

    (i) A rational number which has no reciprocal.

    (ii) A rational number whose product with a given rational number is equal to the given rational number.

    (iii) A rational number which is equal to its reciprocal.

15. Find three rational number between 3/7 and 2/3

16. The product of two rational numbers is - 28/81. If one of them is - 2/3 then find the other.
17. Find 3/7 + (-6/11) + (-8/21) + (5/22)
18. Write additive inverse of the following:
    (a) -7/19 (b) 21/112
19. Verify that – (-x) = x for
    (a) x =11/15 (b) x= - 13/17
20. Represent -2/11,-5/11,-9/11 on the number line.
21. Write five rational numbers which are smaller than to 2.
22. Write all properties of rational numbers.
23. Write definition of rational numbers. Give three examples.
24. What is the additive identity of rational numbers?
25. What is the multiplicative identity of rational numbers?

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LINEAR EQUATION IN ONE VARIABLE

1. **What do we get when we transpose 5/2 to RHS in the equation x/4 + 5/2 = -3/3?**
   (A) x/4 = -3/4 + 5/2
   (B) x/4 = -5/2 + ¾
   (C) x/4 = -3/4 + (-5/2)
   (D) none of these
2. **In the equation 3x = 4-x, transposing -x to LHS we get**
   (A) 3x - x = 4
   (B) 3x + x = 4
   (C) -3x + x = 4
   (D) -3x - x = 4
3. **If x/3 + 1 = 7/15, then which of the following is correct?**
   (A) x/3 = 7/15 - 1
   (B) x/3 = -7/15 + 1
   (C) x/3 = -7/15 - 1
   (D) none of these
4. **If 7x+15 = 50, then which of the following is the solution of the equation?**
   (A) -5
   (B) 65/7
   (C) 5
   (D) 1/5
5. **If 2x/5 = 4, the value of x is**
   (A) 10
   (B) -10
   (C) -8/5
   (D) 8/5
6. **If the sum of two consecutive numbers is 71 and one number is x, then the other number is-**
   (A) x + (x+1) = 71
   (B) x + (x+2) = 71
   (C) x + x = 71
   (D) none of these
7. **Two year ago my age was x years, then what was my age 5 years ago?**
   (A) X + 7
   (B) X - 2 - 5
   (C) X - 5
   (D) X- 3
8. **How old will I be after 10 years, if my age before 10 years was 'x' years?**
   (A) X + 20
   (B) X - 20
   (C) X + 10
   (D) X - 10

9. If the difference of two consecutive numbers is 15 and greater of them is x then the smaller number is:

(A) 16
(B) 14
(C) 8
(D) 7

10. If x is an even number, which is the next odd number?

(A) X + 1
(B) X + 2
(C) X - 1
(D) X – 2

Part – I

1. Solve the following Equations

a) $(2x - 5)/ (3x - 1) = (2x - 1)/ (3x + 2)$

b) $(3 - 7x)/ (15 + 2x) = 0$

c) $(0.4y - 3)/ (1.5y + 9) = -7/5$

d) $2/ (3x - 1) + 3/(3x + 1) = 5/3x$

e) $2/(x - 3) + 1/(x - 1) = 5/(x - 1) - 2/(x - 2)$

f) $15(x - y) - 3(x - 9) + 5(x + 6) = 0$

g) $y/2 - 1/2 = y/3 + 1/4$

h) $(0.5y - 9)/0.25 = 4y - 3$

i) $(t) [17(2 - y) - 5(y + 12)]/(1 - 7y) = 8$

2. Sunita is as twice as old as Ashima. If six years is subtracted from Ashima's age and 4 years added to Sunitas age, then Sunita will be four times Ashima's age. How old were they two years ago?

3. The sum of two twin prime numbers is 60. Find the prime nos.

4. Of the three angles of a triangle, the second one is one third of the first and the third angles are 26 degrees more than the first angle. Find all the three angles of the triangle.

5. If one number is multiplied by the Number the resulting number is the sum of the square of the first number and cube root of the second number. Find the number of such Pairs.

NOTE: USE A4 SHEETS FOR YOUR ASSIGN MENTS

SUBJECT: SCENCE

1. **ACTIVITY:** To prepare a life sketch including biographical information and significant contribution of various scientists.

TOPIC: LEGENDS OF SCIENCE

Instructions:

- Prepare a life sketch of any one scientist in the form of BIOGRAPHY BOOKS/ LAPBOOKS.

-Use library/ encyclopedia/ online resources to undertake in-depth research.

-Book should cover the following information of the scientists:

c) Sketch/ Portrait of the Scientist

d) Date and Place of birth and death

e) Nationality

f) Significant Contributions to the society

g) Relevance/ Application in day-to-day life

h) Awards

i) Inspirational quotes

2. Make a wind chime using metallic waste materials to show that metals are sonorous. Instructions: -You may use colored strings, Coat hangers, thin strips or rods or metal nuts and bolts/ any other object that you think will produce a pleasant sound. Tie a piece of string to the objects and arrange them on the hanger. The heavier items should be towards the middle so that the wind chime is balanced. Hang your wind chime and switch on the fan to test it.

3. You may have noticed that most packed items we get from the market have ‘best before’ or ‘expiry’ dates on them. These are the dates before which the manufacturers intend these foods to be consumed. Check the packets of different types of food items like chips, biscuits, dairy products, chocolates, jam, ketchup, juices etc. and complete the following table.

Product name	Method of packing (sealed bag, tetra pack, bottle, can, carton etc.)	Manufacturing date	Expiry date/ best before date

• Which type of foods have the shortest ‘best before’ / expiry duration?

• Which type of foods have the longest expiry duration?

• Also, find out why it is considered unhealthy to consume foods after the 'best before'/expiry date.

• Prepare a report based on your findings on A4 sized sheets.

SUBJECT: SOCIAL SCIENCE

Create timelines for significant events or periods studied in your syllabus. You can use online tools or make them by hand.

Reading Assignment: Read a book related to social science, such as a biography of historical figure or a novel set in a particular historical period and write a summary or review.

Current Affairs Analysis: Analyze news related to social science topics like economics, politics, geography or history and write short summaries or reflection.

Write an essay on the formation of Indian Constitution and Fundamental rights of the citizen in detail (word limit 200-300). Stick picture related to the topic. Use A4 sheets.

Remember to manage your time effectively and start early to avoid last -minute stress. Use A4 sheets for assignments. Enjoy your holiday

SUBJECT – SANSKRIT

- शब्दरूप – अस्मद्,युष्मद्,इदम् (पुंलिंग,स्त्रीलिंग,नपुंसकलिंग)
- संखावाचकशब्दा – 51 से 100 तक।(उदाहरण – 51- एकपंचाशत्)

COMPUTER HOLIDAY HOMEWORK
CLASS 8

NETWORK TOPOLOGY

SUBMITTED BY:

CLASS :

ROLL NO:

WHAT IS NETWORK TOPOLOGY

WHAT ARE THE TYPES OF NETWORK TOPOLOGIES (DRAW / PASTE THE DIAGRAM)

BUS TOPOLOGY

(Paste the image write down the advantages and disadvantages)

RING TOPOLOGY

(Paste the image & write down the advantages and disadvantages)

STAR TOPOLOGY

(Paste the image & write down the advantages and disadvantages)

TREE TOPOLOGY

(Paste the image & write down the advantages and disadvantages)

HYBRID TOPOLOGY

(Paste the image & write down the advantages and disadvantages)