

\*SUBJECT- ENGLISH\*

\*CLASS- 7TH\*

\*Home work for Winter Break\*

1.Learn the Questions & answers from the chapter- \*The Invention of Vita Wonka\*

2.Learn the Questions & answers from the chapter- \*The Bear Story\*

3.Write a story by yourself

4.Make the 5 sentence based on previous Material which is taught already in the class. ( Tense- Present indefinite)

5.write the 5 examples of Preposition and verb.

## SECTION – A

**Questions 1 to 6 carry 1 mark each.**

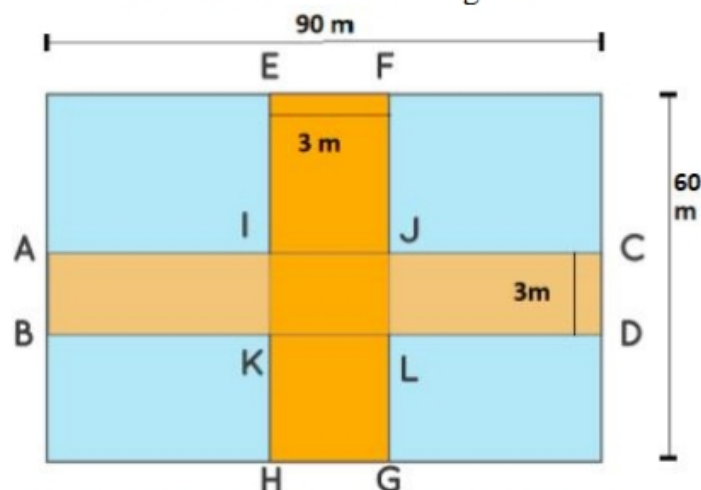
1. Find  $x$  such that  $\frac{-3}{8}$  and  $\frac{x}{-24}$  are equivalent rational numbers.  
(a) 3      (b) 9      (c) 8      (d) none of these
2. Rewrite the rational number  $\frac{24}{-72}$  in the simplest form.  
(a)  $\frac{12}{-36}$     (b)  $\frac{6}{-18}$       (c)  $\frac{1}{-3}$       (d) none of these
3. Find the area of a right triangle whose base is 3 cm, perpendicular is 2 cm and hypotenuse is 5 cm.  
(a)  $3 \text{ cm}^2$       (b)  $7.5 \text{ cm}^2$       (c)  $5 \text{ cm}^2$       (d) 6 cm
4. If the area of the triangle is  $36 \text{ cm}^2$  and the height is 3 cm, the base of the triangle will be  
(a) 12 cm      (b) 39 cm      (c) 108 cm      (d) 24 cm
5. What will be the area of circular button of radius 7 cm  
(a)  $154 \text{ cm}^2$       (b)  $49 \text{ cm}^2$       (c) 154 cm      (d)  $3.14 \times 7 \text{ cm}^2$
6. Find  $x$  such that  $\frac{13}{6} = \frac{-65}{x}$   
(a) -30      (b) 30      (c) -6      (d) none of these

## SECTION – B(CCT Questions)

**Questions 7 to 10 carry 1 mark each.**

### CCT Question

In Sudarshan Nagar colony, two cross roads, each of width 3 m, run at right angles through the centre of a rectangular park of length 90 m and breadth 60 m and parallel to its sides. Nikhil is a student of Class VII residing in Sudarshan Nagar colony. One day he has taken all the measurements and drawn a rough diagram of two cross roads as shown in below figure:



**Answer the following questions based on the above information:**

7. Find the Area of the rectangle ABCD  
 (a)  $270 \text{ m}^2$  (b)  $180 \text{ m}^2$  (c)  $9 \text{ m}^2$  (d)  $441 \text{ m}^2$
8. Find the Area of the rectangle EFGH  
 (a)  $270 \text{ m}^2$  (b)  $180 \text{ m}^2$  (c)  $9 \text{ m}^2$  (d)  $441 \text{ m}^2$
9. Find the Area of the Square KLMN  
 (a)  $270 \text{ m}^2$  (b)  $180 \text{ m}^2$  (c)  $9 \text{ m}^2$  (d)  $441 \text{ m}^2$
10. Find the area of the road.  
 (a)  $270 \text{ m}^2$  (b)  $180 \text{ m}^2$  (c)  $9 \text{ m}^2$  (d)  $441 \text{ m}^2$

### SECTION – C

Questions 11 to 13 carry 2 marks each.

11. Find: (i)  $\frac{2}{3} \times \frac{-7}{8}$  (ii)  $\frac{-6}{7} \times \frac{5}{7}$
12. Sudhanshu divides a circular disc of radius 7 cm in two equal parts. What is the perimeter of each semicircular shape disc?
13. Find base BC, if the area of the triangle ABC is  $36 \text{ cm}^2$  and the height AD is 3 cm.

### SECTION – D

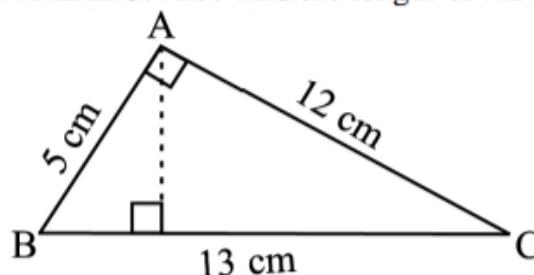
Questions 14 to 17 carry 3 marks each.

14. Write the following rational numbers in ascending order:  
 (i)  $\frac{-3}{5}, \frac{-2}{5}, \frac{-1}{5}$  (ii)  $\frac{-1}{3}, \frac{-2}{9}, \frac{-4}{3}$  (iii)  $\frac{-3}{7}, \frac{-3}{2}, \frac{-3}{4}$
15. Find the sum: (i)  $-2\frac{1}{3} + 4\frac{3}{5}$  (ii)  $\frac{-4}{5} \div (-3)$  (iii)  $\frac{-6}{13} - \left(\frac{-7}{15}\right)$
16. Saima wants to put a lace on the edge of a circular table cover of diameter 1.5 m. Find the length of the lace required and also find its cost if one meter of the lace costs Rs 15. (Take  $\pi = 3.14$ )
17. The two sides of the parallelogram ABCD are 6 cm and 4 cm. The height corresponding to the base CD is 3 cm. Find the (i) area of the parallelogram. (ii) the height corresponding to the base AD.

### SECTION – E

Questions 18 to 20 carry 4 marks each.

18. Represent these numbers on the number line. (i)  $\frac{7}{4}$  (ii)  $\frac{-5}{6}$  (iii)  $\frac{4}{7}$  (iv)  $\frac{9}{4}$
19.  $\triangle ABC$  is right angled at A (see below figure). AD is perpendicular to BC. If AB = 5 cm, BC = 13 cm and AC = 12 cm, Find the area of  $\triangle ABC$ . Also find the length of AD.



20. Shazli took a wire of length 44 cm and bent it into the shape of a circle. Find the radius of that circle. Also find its area. If the same wire is bent into the shape of a square, what will be the length of each of its sides? Which figure encloses more area, the circle or the square?

---

### SECTION – A

Questions 1 to 6 carry 1 mark each.

1. The standard form of  $-48/60$  is  
(a)  $48/60$                       (b)  $-60/48$                       (c)  $-4/5$                       (d)  $-4/-5$
  
2. Find  $x$  such that  $\frac{13}{6} = \frac{-65}{x}$   
(a)  $-30$                       (b)  $30$                       (c)  $-6$                       (d) none of these
  
3. Find  $x$  such that  $\frac{-3}{8}$  and  $\frac{x}{-24}$  are equivalent rational numbers.  
(a)  $3$                       (b)  $9$                       (c)  $8$                       (d) none of these
  
4. Fill in the boxes with the correct symbol:  $\frac{-4}{5} \boxed{\dots} \frac{-5}{7}$   
(a)  $>$                       (b)  $<$                       (c)  $=$                       (d) none of these
  
5. Write the next rational number in the pattern:  $\frac{-3}{5}, \frac{-6}{10}, \frac{-9}{15}, \frac{-12}{20}, \dots$   
(a)  $\frac{12}{25}$                       (b)  $\frac{15}{25}$                       (c)  $\frac{-15}{25}$                       (d) none of these
  
6. Rewrite the rational number  $\frac{44}{-72}$  in the simplest form.  
(a)  $\frac{22}{-36}$                       (b)  $\frac{11}{-18}$                       (c)  $\frac{11}{18}$                       (d) none of these

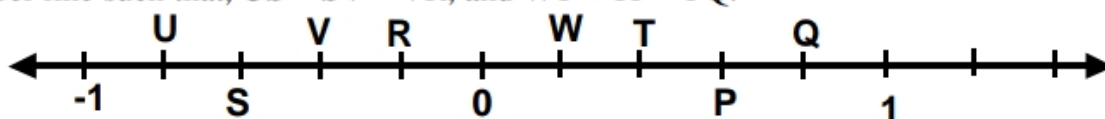
### SECTION – B(CCT Questions)

Questions 7 to 10 carry 1 mark each.

#### CCT Question

In Maths, a rational number is a type of real number, which is in the form of  $p/q$  where  $q$  is not equal to zero. Any fraction with non-zero denominators is a rational number.

Aditya is studying in Class VII and he was drawing the points P, Q, R, S, T, U and V on the number line such that,  $US = SV = VR$ , and  $WT = TP = PQ$ .



**Answer the following questions based on the above information:**

7. The rational number represented by Q  
(a)  $\frac{3}{5}$                       (b)  $\frac{2}{5}$                       (c)  $\frac{4}{5}$                       (d) none of these

8. The rational number represented by R

- (a)  $\frac{-3}{5}$                       (b)  $\frac{-2}{5}$                       (c)  $\frac{-4}{5}$                       (d) none of these

9. The rational number represented by S

- (a)  $\frac{-3}{5}$                       (b)  $\frac{-2}{5}$                       (c)  $\frac{-4}{5}$                       (d) none of these

10. The rational number represented by T

- (a)  $\frac{3}{5}$                       (b)  $\frac{2}{5}$                       (c)  $\frac{4}{5}$                       (d) none of these

### **SECTION – C**

Questions 11 to 13 carry 2 marks each.

11. Add (i)  $\frac{7}{8}$  and  $\frac{-5}{8}$     (ii)  $\frac{4}{-5}$  and  $\frac{3}{5}$

12. What should be added to  $\frac{-7}{12}$  so as to get  $\frac{9}{16}$ ?

13. What number should be subtracted from  $\frac{-7}{8}$  so as to get  $\frac{5}{12}$ ?

### **SECTION – D**

Questions 14 to 17 carry 3 marks each.

14. Arrange the rational numbers  $\frac{-3}{7}$ ,  $\frac{5}{-14}$ ,  $-\frac{7}{12}$  in ascending order.

15. Subtract: (i)  $\frac{7}{8}$  from  $\frac{5}{12}$     (ii)  $\frac{-4}{9}$  from  $\frac{-7}{18}$

16. Satpal walks  $\frac{2}{3}$  km from a place P, towards east and then from there  $1\frac{5}{7}$  km towards west.

Where will he be now from P?

17. Simplify:  $\frac{8}{-15} + \frac{7}{20} - \frac{-11}{35} + \frac{1}{5}$

### **SECTION – E**

Questions 18 to 20 carry 4 marks each.

18. Simplify:  $\left(\frac{-5}{9} \times \frac{72}{-125}\right) - \left(\frac{11}{17} \times \frac{34}{55}\right) + \left(\frac{28}{-13} \times \frac{-52}{21}\right)$

19. Draw the number line and represent the following rational numbers on it:

- (i)  $\frac{3}{4}$                       (ii)  $\frac{-5}{8}$

20. Find: (i)  $\frac{6}{25} \div \frac{3}{10}$     (ii)  $\frac{-9}{44} \div \frac{3}{11}$

Class-7 S.St

Holiday homework

History:

1. Tribes , Nomads and settled communities.
2. Devotional path to divine. (Learn question answers and exercises.)

Geography:

Chapter- Water ( learn question and answers)

Learn and write state and their capital names .

Polity :

Women change the world (learn question and answers)

**KENDRIYA VIDYALAYA CHANDERI , FATEHABAD , DIST. ASHOKNAGAR**  
**WINTER BREAK HOLIDAY HOMEWORK ( 25 -12 -2023 to 03 -01-2024 )**

**CLASS – VII**

**SCIENCE**

Q1. Learn and do written practice of the question answers and exercises of chapters of PT-2 syllabus (CH-7,8,9,10)

Q2. Draw and label the following diagrams:-

1. Structure of a flower with Male and Female parts.
2. An Electric Bell
3. Structure of Human Heart
4. Structure of excretory system
5. Types of asexual reproduction in Unicellular Organisms
6. Symbols of some Electrical components

Q3. Complete MDP project given on the topics(any one)

- Forests – Our Lifeline
- Health is Wealth

Submission Date: 05.01.2024

शीतकालीन अवकाश हेतु गृहकार्य

कक्षा- 7

विषय- संस्कृत

- 1-विश्वबन्धुत्वम्, समवायो हि दुर्जयः, विद्याधनम् पाठ के शब्दार्थ एवं प्रश्नोत्तर याद करना है।
- 2- धातुरूप चर् (चलना,चरना) के सभी लकार को याद करना है।
- 3- शब्दरूप तत् (पुल्लिंगे) के सभी विभक्ति को याद करना है।
- 4- संस्कृत में 1-50 तक गिनती याद करना है।
- 5- संस्कृत व्याकरण में पढ़ाये गए स्वर संधि में से यण संधि को अच्छी तरह हल करना है।



**कक्षा: सातवीं, विषय: हिंदी**

1. अर्धवार्षिक परीक्षा के बाद नोटबुक और पाठ्यपुस्तक में किए गए कार्य की पुनरावृत्ति करे (दोनों पुस्तकों वसंत भाग-2 और बाल महाभारत कथा के प्रश्नोत्तर और व्याकरण)।
  2. निम्नलिखित में से किन्हीं दो विषयों पर अनुच्छेद लिखे।  
(क) जीवन में खेलों का महत्त्व (ख) क्रिसमस (ग) समय का सदुपयोग
  3. निम्नलिखित में से किसी एक विषय पर पत्र लिखे।  
(क) दो दिन के अवकाश हेतु प्राचार्य को प्रार्थना पत्र |  
(ख) अपने मित्र को परीक्षा में प्रथम आने पर एक बधाई पत्र |
  4. आप ने शीतकालीन अवकाश कैसे बिताया उस पर एक अनुच्छेद लिखे |
  5. पाँच मुहावरों का अर्थ लिखकर वाक्य में प्रयोग करे |
- नोट-** उपरोक्त कार्य को अपनी हिन्दी की कक्षा नोटबुक में करे |