Sainik School Korukonda
Vacation Home Work (Oct 2025) - 2025-26
Class _6_ & Section _B_

Subject	Vacation Task Assigned Specify in detail	Teacher Signature
English	Write summary for 3,4 &5 Units	
Telugu	Telugu C :- అచ్చులు (అ-ఆః) → 5 times హల్లులు (క-ఱ) → 5 time గుణింతాలు (క్‌-ఱ) :- 2 times అచ్చులు - 2 time గుణింతాలు (ఒ÷ఔ):- 2 time Telugu A:- EACH ONE TEACH ONE EACH ONE PLANT ONE	
Hindi	Hindi C:- बारहखड़ी -2 times बारहखड़ी 'मेरा देश' महान है essay 20 lines A⁴sheet Hindi A:- ① रहीम के दोहे का भावार्थ लिखिए। ② अपनी माँ के बारे में लिखिए ③ वर्णमाला अभ्यास करें।	
Maths	3 cursive writing books completely worksheets ⚫ will be sent to the ~~House master group~~ /* and do them /School Website	Opathak 24/9.
Gen Sc	Working or Non -working model	
Social Sc	Name of your panchayat:- ward no:- ward member:- mandal parishat name:- MPTC no.:- Zilla parishad no. MP constituency:-	

Namof MP
House . a/o :-
(Photo)   In front of your house with House number
(Photo)   In front of village panshayath

CHAPTER 07 FRACTIONS

SUBJECT: MATHEMATICS   MAX. MARKS : 40

CLASS : VI   DURATION : $1\frac{1}{2}$ hr

SECTION – A
Questions 1 to 6 carry 1 mark each.

1. Which of the following is not in the lowest form?
   (a) 7/5   (b) 15/20   (c) 13/33   (d) 27/28

2. The fraction which is not equal to 4/5 is
   (a) 40/50   (b) 12/15   (c) 16/20   (d) 9/15

3. If (5/8) = (20/p), then value of p is
   (a) 23   (b) 2   (c) 32   (d) 16

4. Which of the following fractions is the greatest?
   (a) 5/7   (b) 5/6   (c) 5/9   (d) 5/8

5. Sum of 4/17 and 15/17 is
   (a) 19/17   (b) 11/17   (c) 19/34   (d) 2/17

6. The mixed fraction $5\frac{4}{7}$ can be expressed as
   (a) 33/7   (b) 39/7   (c) 33/4   (d) 39/4

SECTION – B(CCT Questions)
Questions 7 to 10 carry 1 mark each.

CCT Question

One day, Maths teacher started the Chapter – Fraction in the class. He explained that a fraction is used to represent the portion/part of the whole thing. It represents the equal parts of the whole. A fraction has two parts, namely numerator and denominator. The number on the top is called the numerator, and the number on the bottom is called the denominator. The numerator defines the number of equal parts taken, whereas the denominator defines the total number of equal parts in a whole.

For example, 5/10 is a fraction.

Here, 5 is a numerator and 10 is a denominator.

Answer the following questions based on the above information:

7. The equivalent fraction of $\frac{3}{5}$ with denominator 20 is

   (a) $\frac{12}{20}$ (b) $\frac{20}{12}$ (c) $\frac{10}{20}$ (d) $\frac{15}{20}$

8. The equivalent fraction of $\frac{3}{5}$ with numerator 9 is

   (a) $\frac{15}{9}$ (b) $\frac{9}{11}$ (c) $\frac{9}{15}$ (d) $\frac{9}{5}$

9. The simplest form of $\dfrac{48}{60}$ is

(a) $\dfrac{5}{4}$ (b) $\dfrac{4}{5}$ (c) $\dfrac{8}{10}$ (d) $\dfrac{12}{15}$

10. Which one of the following is a proper fraction?

(a) $\dfrac{5}{6}$ (b) $\dfrac{7}{3}$ (c) $\dfrac{4}{3}$ (d) $\dfrac{8}{5}$

SECTION – C
Questions 11 to 13 carry 2 marks each.

11. Write an equivalent fraction of (i) $\dfrac{2}{5}$ with numerator as 12 (ii) $\dfrac{16}{40}$ with denominator as 10.

12. Subtract $(a)\dfrac{2}{9}$ and $\dfrac{7}{9}$ $(b)6\dfrac{2}{7}$ and $11\dfrac{4}{7}$

13. Compare the fractions $\dfrac{3}{4}$ and $\dfrac{5}{12}$

SECTION – D
Questions 14 to 17 carry 3 marks each.

14. Renu did $\dfrac{1}{2}$ of the work yesterday and one-third of the work today. How much work will she have to do tomorrow to the complete the work?

15. Write the natural numbers from 102 to 113. What fraction of them are prime numbers?

16. In a class A of 25 students, 20 passed in first class; in another class B of 30 students, 24 passed in first class. In which class was a greater fraction of students getting first class?

17. Simplify: $\dfrac{3}{4}+\dfrac{5}{6}+\dfrac{7}{8}$

SECTION – E
Questions 18 to 20 carry 4 marks each.

18. Re-arrange the given fractions in ascending order: $\dfrac{7}{15},\dfrac{11}{21}$ and $\dfrac{13}{35}$

19. Draw number lines and locate the fractions on them. $\dfrac{2}{5},\dfrac{3}{5},\dfrac{8}{5},\dfrac{4}{5}$

20. A piece of wire $2\dfrac{3}{4}$ metre long broke into two pieces. One piece was $\dfrac{5}{8}$ metre long. How long is the other piece?

CHAPTER 08 DECIMALS

SUBJECT: MATHEMATICS   MAX. MARKS : 40

CLASS : VI   DURATION : $1\frac{1}{2}$ hr

SECTION – A

Questions 1 to 6 carry 1 mark each.

1. 0.7499 lies between
   (a) 0.7 and 0.74   (b) 0.75 and 0.79   (c) 0.749 and 0.75   (d) 0.74992 and 0.75

2. 0.07 + 0.008 is equal to
   (a) 0.15   (b) 0.015   (c) 0.078   (d) 0.78

3. 15.8 – 6.73 is equal to
   (a) 8.07   (b) 9.07   (c) 9.13   (d) 9.25

4. $60 + 2 + \dfrac{8}{100}$ can be written in decimal form as
   (a) 62.8   (b) 62.008   (c) 62.08   (d) none of these

5. Which of the following is true
   (a) 0.3 > 0.4   (b) 0.07< 0.02   (c) 0.9 > 0.8   (d) 0.5 = 0.05

6. 22g in Kg can be written as
   (a) 2.2Kg   (b) 0.022Kg   (c) 2.002Kg   (d) 2.02Kg

SECTION – B(CCT Questions)

Questions 7 to 10 carry 1 mark each.

CCT Question

Decimals are used in situations where more precision is required in comparison to the whole numbers. For example, when we have to divide 3 apples among 4 kids, we cannot use whole numbers to denote the result of the division, as the fraction of share that is 0.75 lies between 0 and 1. In order to deal with similar other systems, the concept of decimal was introduced.

In order to represent decimals on the number line, we divide the section between two whole numbers as per the places after decimal present in the number to be represented.

Aditya is studying in Class VI and he was drawing the points on the number line. **The points on the number line are shown in below number line.**
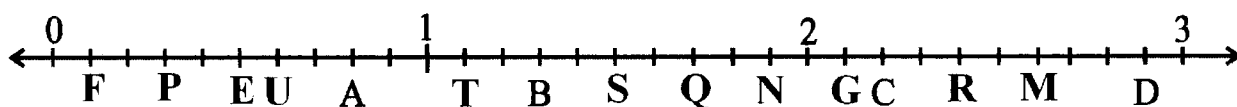
Answer the following questions based on the above information:

7. Write the decimal number represented by the points G on the given number line.
   (a) 2.1   (b) 2.2   (c) 2.4   (d) 2.6

8. Write the decimal number represented by the points R on the given number line.
   (a) 2.9   (b) 2.2   (c) 2.4   (d) 2.6

9. Write the decimal number represented by the points Q on the given number line.
   (a) 1.9   (b) 1.3   (c) 1.5   (d) 1.7

10. Write the decimal number represented by the points U on the given number line.
   (a) 0.8   (b) 0.5   (c) 0.6   (d) 0.1

SECTION – C
Questions 11 to 13 carry 2 marks each.

11. Express the following as cm using decimals.
   (a) 2 mm   (b) 30 mm   (c) 116 mm   (d) 4 cm 2 mm

12. Which is greater? Give reason for your answer?
   (i) 1.008 or 1.800   (ii) 5.64 or 5.603

13. Add: 41.8, 39.24, 5.01 and 62.6

SECTION – D
Questions 14 to 17 carry 3 marks each.

14. Rahul bought 4 kg 90 g apples, 2 kg 60 g of grapes and 5 kg 300 g of mangoes. Find the weight of the fruits he bought in all.

15. Sunita travels 15 km 268 m by bus, 7 km 7 m by car and 500 m by foot in order to reach her school. How far is her school from her residence?

16. Find the value of:
   (i) 9.756 – 6.28   (ii) 21.05 – 15.27   (iii) 18.5 – 6.79

17. Waheeda's school is at a distance of 5 km 350 m from her house. She travels 1 km 70 m on foot and the rest she travels by bus. How much distance does she travel by bus?

SECTION – E
Questions 18 to 20 carry 4 marks each.

18. Gopal travelled 125.5 km by bus, 14.25 km by pony and the rest of distance to Kedarnath on foot. If he covered a total distance of 15 km, how much did he travel on foot?

19. Express the following decimals as fractions in the lowest form:
   (i) 5.25   (ii) 7.125   (iii) 0.18   (iv) 15.004

20. (a) Express as kilometer (km) using decimals:
   (i) 5 m   (ii) 55 m   (iii) 555 m   (iv) 5555 m

   (b) Express as kilogram (kg) using decimals:
   (i) 8 g   (ii) 150 g   (iii) 2750 g   (iv) 5 kg 750 g

MENSURATION

SUBJECT: MATHEMATICS　　　　　　　　　　　　　　**MAX. MARKS : 40**

CLASS : VI　　　　　　　　　　　　　　　　　　　**DURATION : 1½ hr**

General Instructions:

(i).　**All** questions are compulsory.

(ii).　This question paper contains 20 questions divided into five Sections A, B, C, D and E.

(iii).　**Section A** comprises of **6 MCQs** of **1 mark** each. **Section B** comprises of **1 CCT question** of **4 marks** each which contains **4 MCQs**. **Section C** comprises of 3 questions of **2 marks** each. **Section D** comprises of 4 questions of **3 marks** each and **Section E** comprises of 3 questions of **4 marks** each.

SECTION – A

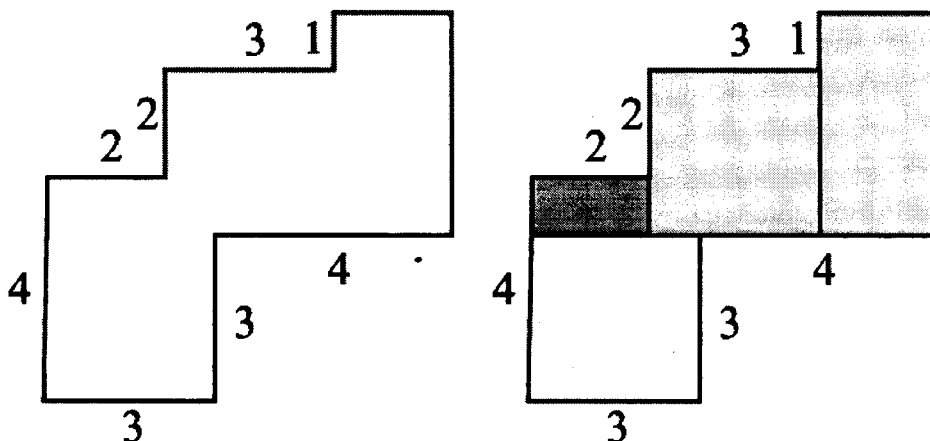### Questions 1 to 6 carry 1 mark each.

1.　The length of a rectangle is 150 cm. If its breadth is 1m, then its perimeter is
　　(a) 7 m　　　　(b) 5 m　　　　　(c) 6 m　　　　　(d) none of these

2.　The side of a square is 8 cm. If its side is doubled, then its new perimeter is
　　(a) 64 cm　　　(b) 81 cm　　　　(c) 121 cm　　　　(d) none of these

3.　If the sides of a square are halved, then its area
　　(a) remains same　　　　　　(b) becomes half
　　(c) becomes one fourth　　　　(d) becomes double

4.　If the area of a square is 64 cm², then its perimeter is
　　(a) 25 cm　　　(b) 32 cm　　　　(c) 15 cm　　　　(d) none of these

5.　If the area of rectangle increases from 2 cm² to 4 cm² the perimeter will
　　(a) increase　　　(b) decrease　　　(c) remains same　　(d) none of these

6.　The sides of a rectangle are in the ratio 5: 4. If its perimeter is 72 cm, then its length is
　　(a) 40 cm　　　(b) 20 cm　　　　(c) 30 cm　　　　(d) 60 cm

SECTION – B(CCT Questions)

Questions 7 to 10 carry 1 mark each.

CCT Question

Kiran wants to find the area of the figure using area of rectangle. She splits the figure into four rectangles and then she coloured the four rectangles with yellow, orange, green and grey colour. (The measures are given in centimetres)

7. Find the area of orange colour.
   (a) 2 cm²   (b) 9 cm²   (c) 8 cm²   (d) 10 cm²

8. Find the area of yellow colour.
   (a) 2 cm²   (b) 9 cm²   (c) 8 cm²   (d) 10 cm²

9. Find the area of grey colour.
   (a) 2 cm²   (b) 9 cm²   (c) 8 cm²   (d) 10 cm²

10. Find the total area of the figure.
    (a) 20 cm²   (b) 29 cm²   (c) 28 cm²   (d) 30 cm²

SECTION – C
Questions 11 to 13 carry 2 marks each.

11. A room is 4 m long and 3 m 50 cm wide. How many square metres of carpet are needed to cover the floor of the room?

12. Two sides of a triangle are 12 cm and 14 cm. The perimeter of the triangle is 36 cm. What is its third side?

13. The lid of a rectangular box, with sides 40 cm by 10 cm, is sealed all around with tape. What is the length of the tape required?

SECTION – D
Questions 14 to 17 carry 3 marks each.

14. A rectangular piece of land measures 0.7 km by 0.5 km. Each side is to be fenced with 4 rows of wires. What is the length of the wire needed?

15. Five square flower beds, each of sides 1 m, are dug on a piece of land 5 m long and 4 m wide. What is the area of the remaining part of the land?

16. The length and breadth of the three rectangles are as given below:
    (a) 9 m and 6 m   (b) 17 m and 3 m   (c) 4 m and 14 m
    Which one has the largest area, and which one has the smallest?

17. Sweety runs around a square park of side 75 m. Bulbul runs around a rectangular park with a length of 60 m and a breadth of 45 m. Who covers less distance?

SECTION – E
Questions 18 to 20 carry 4 marks each.

18. How many tiles whose length and breadth are 12 cm and 5 cm, respectively, will be needed to fit in a rectangular region whose length and breadth are respectively:
    (a) 100 cm and 144 cm? (b) 70 cm and 36 cm?

19. What will happen to the area of rectangle if its
    (i) Length and breadth are tripled   (ii) Length is doubled and breadth is same

20. A marble tile measures 10 cm × 12 cm. How many tiles will be required to cover a wall of size 3 m × 4 m? Also, find the total cost of the tiles at the rate of Rs 2 per tile.