



परमाणु ऊर्जा केंद्रीय विद्यालय 1, हैदराबाद
ATOMIC ENERGY CENTRAL SCHOOL 1, HYDERABAD

आत्मविश्वास परीक्षा (फरवरी-2026)/ Confidence Test (Feb-2026)

कक्षा /Class - V

अवधी / Time: 3 hrs

विषय / Subject-Mathematics

अधिकतम अंक /Max Mark: 80

विद्यार्थी द्वारा भर जाए/ To be filled by the student

विशिष्ट परीक्षा संख्या/ Unique Examination No: _____

कक्षा/अनुभाग: Class/Sec. _____ दिनांक/ Date: - _____

परीक्षा का दिन/ Day of Examination: _____

विद्यालय का नाम/ Name of the School: _____

निरीक्षक के हस्ताक्षर (दिनांक सहित)/ Invigilator's Sign (With date): - _____

अध्यापकों द्वारा भरा जाए /To be filled by the Teacher

प्राप्तांक/ Marks Obtained: - _____ पूर्णांक/ Total Marks: - _____

परीक्षक के हस्ताक्षर (दिनांक सहित)/ Examiner's Sign (With date): - _____

जाँचकर्ता के हस्ताक्षर (दिनांक सहित)/ Cross Checker's Sign (With date): - _____

परीक्षा प्रभारी के हस्ताक्षर (दिनांक सहित)/ Exam I/C Sign (With date): - _____

सामान्य निर्देश/General Instructions:

1. Marks are indicated against each question.
2. Read each question carefully and answer neatly.
3. Ensure that questions from every section are answered.
4. On completion of the exam, the student must hand over the answer sheet to the invigilator.

SECTION A – KNOWLEDGE (20 Marks)

Q1. Fill in the blanks:

(1 × 6 = 6)

- a) The smallest 5-digit number is _____.
- b) The common factors of all the numbers is _____.
- c) Division means sharing things into _____ groups.
- d) The unit of area is always in _____ units.
- e) The place value of 9 in 39,214 is _____.
- f) There are _____ hours in a day.

Q2. Do as directed.

(5 × 2 = 10)

- a) Solve the following multiplication problem. Write two division statements.

$$15 \times 60 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

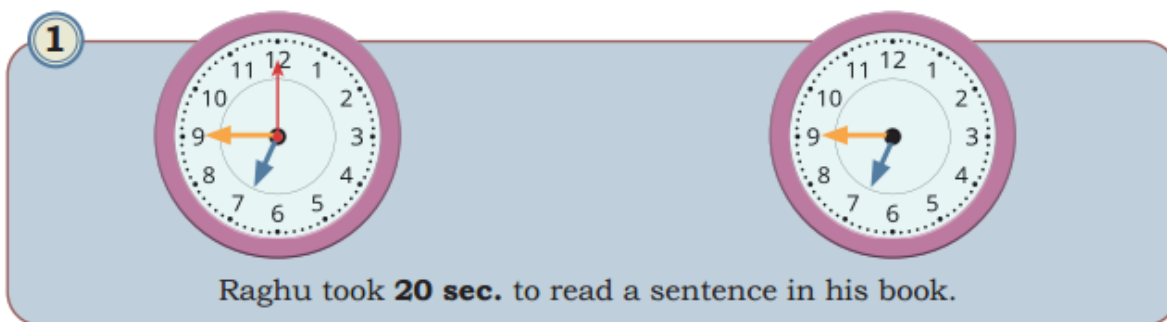
$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- b) **Convert hours into minutes.**

i) 5 hours = _____ minutes

ii) 9 hours = _____ minutes

- c) . **Draw the missing seconds hand on the clock on the right side.**

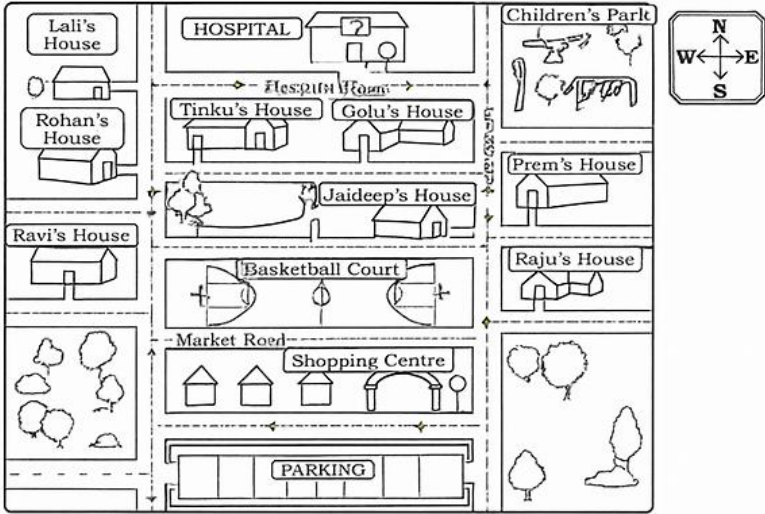


- d) Draw a rectangle whose perimeter is

i) 18 cm.

ii) 26cm

e) Observe the following bus route and then answer.



a). What is closer to Lali’s house – Children’s Park or Hospital?

b). In which direction would Prem have to move to reach Shopping Centre?

Q3. Write the directions of the following in relation to the girl. (1X4=4)



- Window _____
- Bed _____
- Cupboard _____
- Bedside table _____

SECTION B - UNDERSTANDING (20 Marks)

Q4. Choose the correct answer:

(6 × 1 = 6)

a) A coconut tree gives 12 coconuts in a day. How many in 10 days?

- (i) 120 (ii) 100 (iii) 12 (iv) 102

b) A rectangle has

- (i) 2 sides (ii) 3 sides (iii) 4 sides (iv) 5 sides

c) One half of 100 is

- (i) 25 (ii) 40 (iii) 50 (iv) 60

d) _____ minutes make one hour.

- (i) 24 (ii) 60 (iii) 7 (iv) 12

e) How many minutes are there in 1200 seconds?

- (i) 1 (ii) 20 (iii) 12 (iv) 10

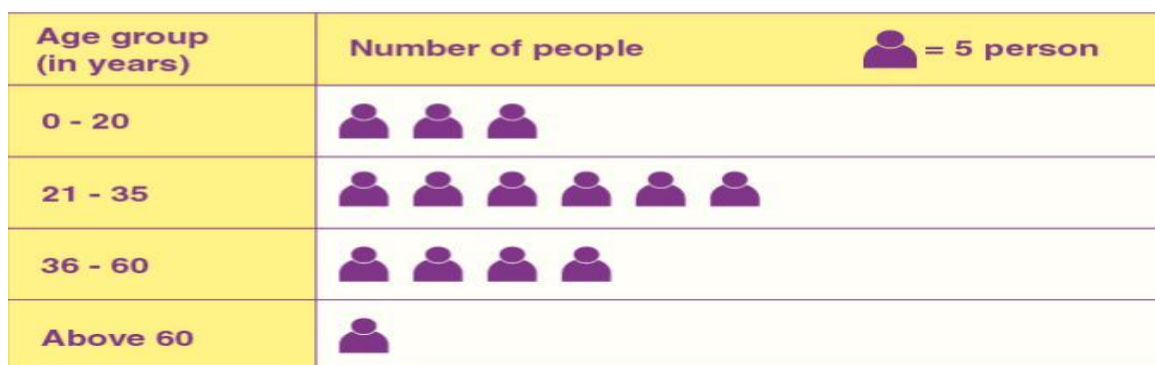
f) The surface covered by a closed figure is called its _____.

- (i) area (ii) perimeter (iii) volume (iv) side

Q5. Solve the following problems.

(5 × 2 = 10)

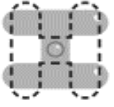
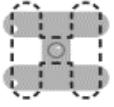
a) The following pictograph shows the number of people of a certain age group living in an apartment.



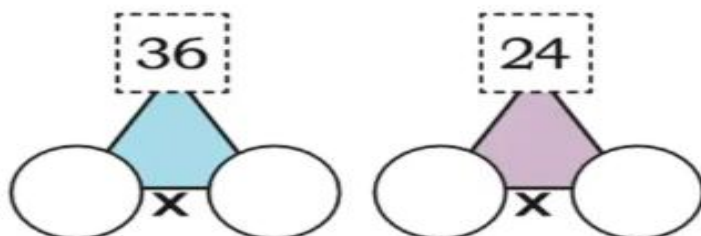
(i) How many people in total live in the apartment? _____

(ii) How many people are there whose age is more than 20 years? _____

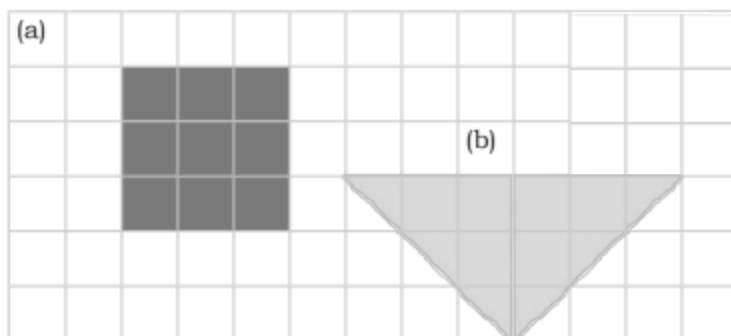
b) Draw or identify how the shape looks after each turn. Then, in the last column, state whether the shape has rotational symmetry.

Original letter	$\frac{1}{4}$ turn	$\frac{1}{2}$ turn	$\frac{3}{4}$ turn	Full turn	Rotational symmetry (Yes/No)
					Yes, at $\frac{1}{2}$ turn
					
					

c) Fill the circles such that the numbers in the squares are the products or the quotients of the numbers in the circles.



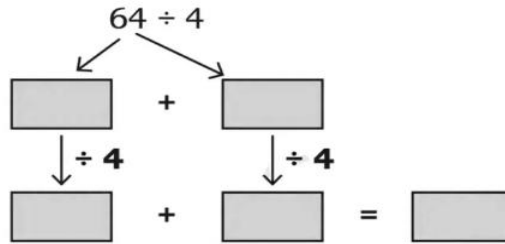
d) Find the areas of these shapes.



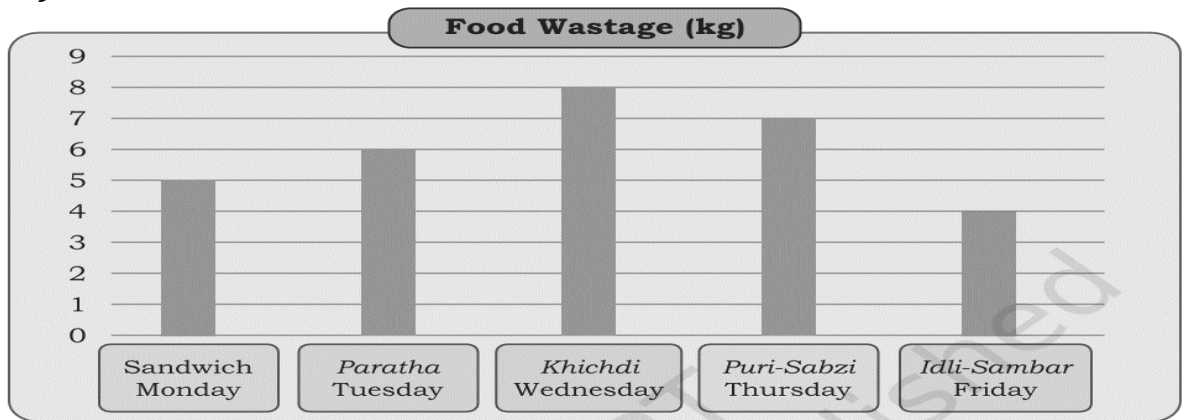
i) _____ unit squares

ii) _____ unit squares

e) Solve the given:



**Q6) Given below is the data collected over the weekdays for different food items.
(1x4=4)**



Rani was shocked to see the data. What do you think about food wastage? How can we reduce the wastage of food? What can we do with the leftover food?

Observe the above graph and answer the following questions.

- Which food item had the highest amount of wastage? _____
- Which food item had the least amount of wastage? _____
- How much total food wastage was recorded in these days? _____
- If 1 kg of food waste can feed 3 children, how many children could have been fed with the total food wasted? _____

SECTION C – ABILITY TO COMPUTE (20 Marks)

Q7) Write True or False:

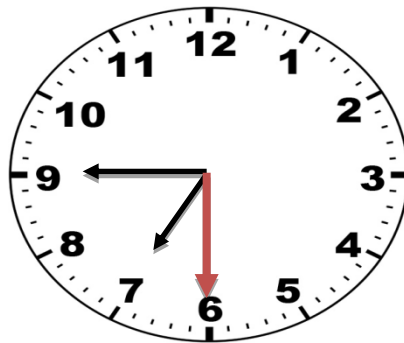
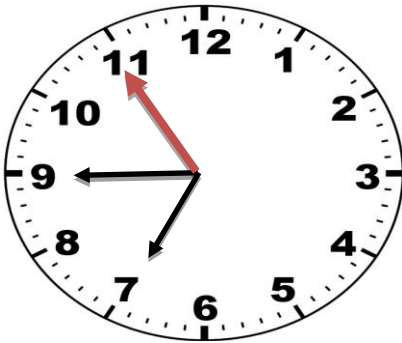
(4 × 1 = 4)

- a) Factors of odd numbers cannot be even.
- b) All sides of a rectangle are equal.
- c) 0 cannot be a factor of any number.
- d) $10 \times 0 = 10$

Q8) Do as directed.

(6 × 2 = 12)

- a) Observe the clocks and fill in the blanks.



Sheela took _____ seconds to complete her work.

- b) Find the perimeter of a square of side 7 cm.

- c) Write the first 4 common multiples of

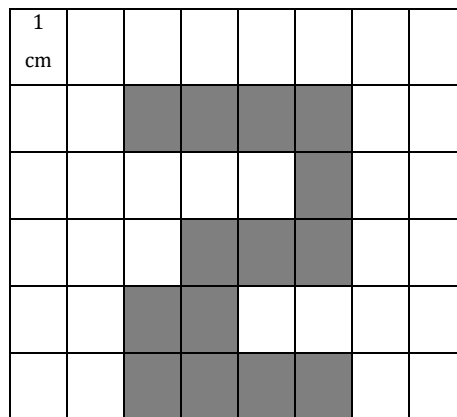
- (i) 2 and 4

d) Find the common factors of the following pairs.

(i) 12 and 15

e) Bhanu saw a movie which started at 3:00 pm and lasted or 2 hours 15 minutes. At what time did the movie end?

f) Find the area and perimeter of the given figure.



Area _____

Perimeter _____

Q9) The table below shows the time taken by 4 children to paint a picture. (4)

S.no	Name	Time
1	Amir	2 hr 25 min
2	Harsh	1 hr 15 min
3	Ravi	2 hr 12 min
4	Sahil	75 min

- A) Who took the longest time? _____
- B) What is the time difference between Ravi and Ameer? _____
- C) How many children took less than 135 mins? _____
- D) The time taken by Harsh and Sahil are equal. (Yes / No)

SECTION D – PROBLEM SOLVING ABILITY (20 Marks)

Q10) Fill in the blanks.

(4 × 1 = 4)

- i) 4 hours 15 minutes = _____ minutes
- ii) 390 minutes = _____ hours _____ minutes
- iii) 1000 seconds = _____ min _____ seconds
- iv) 15 minutes = _____ seconds

Q11) Solve the following.

(6 × 2 = 12)

- a) The area of a rectangular garden is 75 square metres and its length is 15 metres.
What is its breadth?

b) It is 07:15 PM right now. What time will it be after 6 hours and 25 minutes?

c) Raghav studies Mathematics, English, Hindi, and The World Around Us subjects. He took 50 minutes to study each of the subjects. Find the total time taken in hours and minutes.

d) Read the following numbers carefully and Sort them into that are

90	22	38	30	75
45	66	78	62	40
84	56	25	95	55

i) divisible by 2 only = _____

ii) divisible by 5 only = _____

e) Fill in the missing numbers such that there is no remainder.

i) $4 \overline{) 480} (\square \square 0$

ii) $\square \overline{) 6480} (\square \square \square$

e) A bus travels 360 km in 8 hours at steady speed. How many kilometers does it travel in 1 hour?

Q19. To collect the food, the ant can only crawl along the dotted lines on the grid. The arrows show the direction in which the ant can move $(\frac{1}{2} \times 8 = 4)$

Fill in the blanks with the distance and directions in which the ant must move from its starting position:



1. To get to the laddoos, the ant has to crawl _____cm towards the ,
_____ direction.
2. To get to the sugar, the ant has to crawl _____cm in the _____direction.
3. To get to bread, the ant has to crawl_____cm in the _____ direction; then
_____ cm in the _____direction.
