



परमाणु ऊर्जा शिक्षण संस्था

Atomic Energy Education Society

वार्षिक परीक्षा / Annual Examination 2025-26

कक्षा / Class: V

अवधि / Duration: 3 Hours

विषय / Subject: Mathematics

अधिकतम अंक / Maximum Marks: 80

विद्यार्थी द्वारा भरा जाए / To be filled by the Student

अद्वितीय परीक्षा क्रमांक / Unique Examination No: _____

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

परीक्षा का दिन / Day of Examination: _____

विद्यालय का नाम / Name of the School: _____

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

अध्यापकों द्वारा भरा जाए / To be filled by the Teachers

प्राप्तांक / Marks Obtained

पूर्णांक / Total Marks

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

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

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

सामान्य निर्देश / General Instructions:

- The question paper comprises of four sections A, B, C & D.
- Each section carries 20 marks.
- All the questions are compulsory.

SECTION-A: KNOWLEDGE (20 MARKS)

A.I. Choose the correct answer and fill in the blanks.

(6x1=6)

- a) 250 cm is equal to _____. (2.5 m / 25 m)
- b) To paint the walls of a room we need to find the _____ of the walls. (area, perimeter, volume)
- c) $9900 \div 100 = \underline{\hspace{2cm}}$ (900 / 99)
- d) Which of these shapes can be stitched on a cloth to cover it completely without leaving gap or overlap? _____ (, , )
- e) When two odd numbers are added, the sum is always an _____ number. (even/odd)
- f) 360 seconds are equal to _____ minutes. (6 / 4)

A.II. Do as directed.

(5x2=10)

- a) Find the time elapsed between the given time periods.

i) 09:25 am to 11:10 am - _____

ii) 12:25 pm to 05:00 pm - _____

- b) Length of side of a square shaped tile is 40 cm. Find the

i) Perimeter of the tile - _____

ii) Area of the tile - _____

- c) Write two division statements as shown in example.

$$135 \times 50 = 6750$$

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

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

- d) Tick the alphabets cut-out which can be made just by drawing half of it?

H

E

N

O

S

X

L

Z

e) Rohan is facing the rising sun.

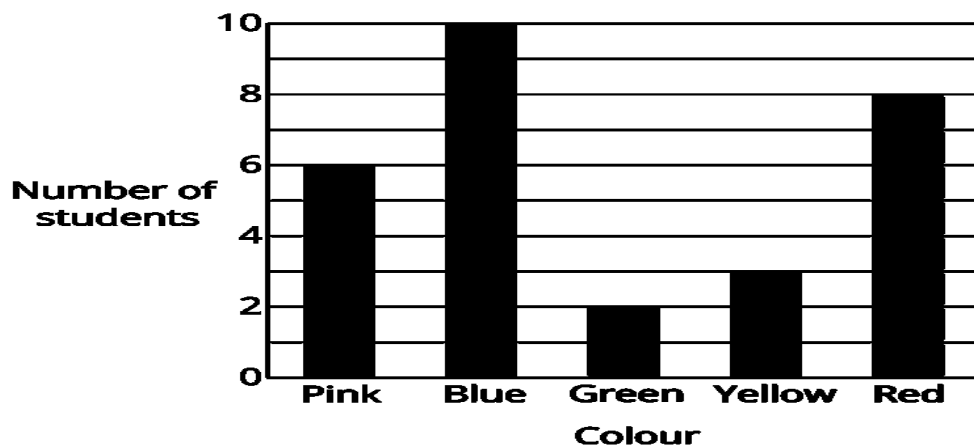
i) That direction is _____.

ii) His right hand will be pointing to _____ direction.

A.III. Do as directed.

(4x1=4)

In the given bar graph, the favourite colours of students in a class is shown. Read the graph and answer the following questions.



a) The colour liked by maximum number of students - _____

b) Total number of students in the class is - _____

c) How many more students like pink colour than yellow? _____

d) Which colour is liked by twice the number of students than yellow? - _____

SECTION-B: UNDERSTANDING (20 MARKS)

B.I. Tick the correct option.

(6x1=6)

1) The area of a square of side 1 cm is: _____

(a) 1 sq. cm (b) 4 sq. cm (c) 2 sq. cm

2) Which of the following is not a multiple of 11? _____

(a) 111 (b) 99 (c) 121

3) If a person moves from Delhi to Chennai, he moves towards: _____

(a) North (b) South (c) West

4) All faces of a _____ are squares

(a) cuboid (b) cone (c) cube

5) The perimeter of a square of side 9 cm is:_____

(a) 18 cm

(b) 36 cm

(c) 27 cm

6) _____ $\div 12 = 20$

(a) 240

(b) 440

(c) 360

B.II. Do as directed.

(5x2=10)

a) The area of rectangular garden is 64 square m and its length is 16 m. what is its breadth? Find its perimeter.

b) The owner of a shop has decided to distribute Rs. 9000 equally amongst 6 of his employees as a New Year gift. What amount will each employee get?

c) Draw one rectangle each for the given perimeters.

i) 14 cm

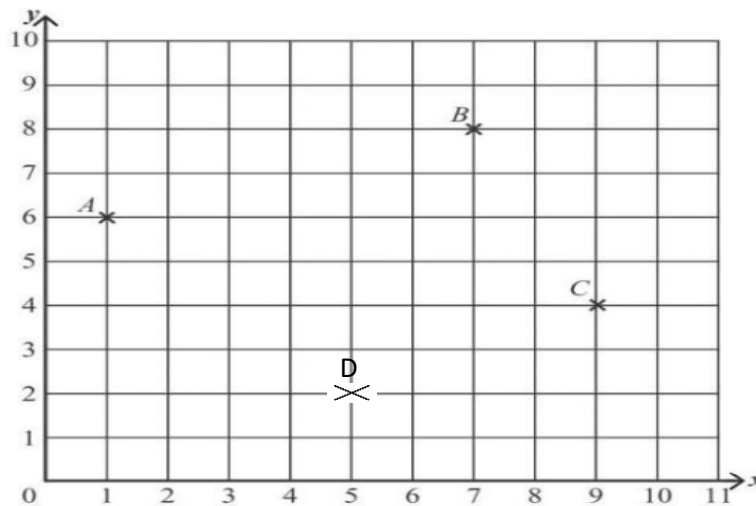


ii) 22 cm

d) Find the common factors of 8 and 9 .

- e) How many notes of ₹50 Veena need to carry, if she wants to buy flowers worth ₹ 600?

B.III. Observe the grid map and write the position of the following points. (4x1=4)



A - _____ B- _____
C- _____ D- _____

SECTION-C: ABILITY TO COMPUTE (20 MARKS)

C.I. Answer the following (4x1=4)

- (a) 190 seconds - _____ minutes _____ seconds
(b) 5045 grams - _____ kgs _____ gms
(c) 780 cm - _____ m _____ cm
(d) 150 minutes - _____ hours _____ minutes

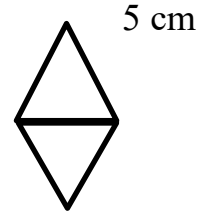
C.II. Do as directed. (6x2=12)

- a) Manisha rides 2800 km on a bike in 7 days riding same distance each day. How many kilometres does she ride the bike each day?

b) Find the perimeter of the following shapes.



10 cm



c) A person drinks 6 glasses of water per day.

(i) How many glasses are consumed in one week? _____

(ii) How many glasses are consumed in one month (30 days)? _____

d) A drama show starts at 04:20 pm and ends at 07:45 pm. Write the duration of the show in hours and minutes.

e) Write in 24-hours format.

(i) 03:30 pm - _____

(ii) 07:10 am - _____

(iii) 11:45 am - _____

(iv) 08:00 pm - _____

f) Length and breadth of a rectangle shaped garden is 25 m and 38 m respectively. A wire needs to be put on the boundary of the park.

(i) Find the length of the wire needed?

(ii) If the cost of 1 m of wire is ₹120. Find the cost of the total wire used.

C.III. Do as directed.**(2x2=4)**

a) Draw and colour a design using the shapes- square, triangle and circle, which looks same on a half turn.

b) Write all the multiples of 8 between 25 and 60.

Ans.- _____

SECTION–D: PROBLEM SOLVING ABILITY (20 MARKS)

D.I. Look at the table and answer the following questions.

(4x1=4)

No. of hours spent watching TV	No. of children
$\frac{1}{2}$ hour	6
1 hour	15
$1 \frac{1}{2}$ hour	11
2 hours	7
More than 2 hours	4

a) No. of children who watch TV more than 1 hours - _____

b) No. of children who watch TV less than 2 hours - _____

c) Total no. of children - _____

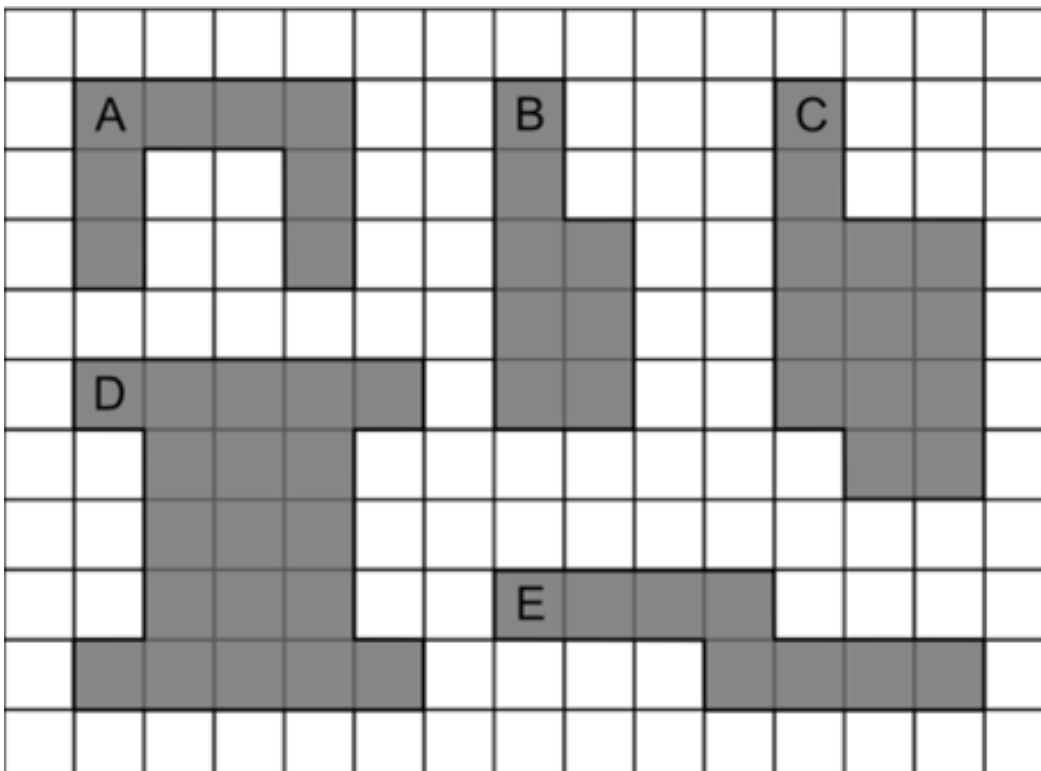
d) How many more students watch TV for 1 hour than 2 hours? - _____

D.II. Do as directed.

(6x2=12)

- a) Rani has Rs. 50 and Rs. 20 notes. She needs to pay Rs. 680 using these notes. How many Rs. 50 and Rs. 20 notes does she need to make Rs. 680. Find **four** different possible combinations?

- b) Tick the shapes with the different perimeter.



Shapes having different perimeters are ____ and ____.

c) Three friends decide to split the money spent on their picnic equally. They buy snacks and sweets for ₹157, juice and fruits for ₹124 and pulav and paratha for ₹136. How much should each person pay to share the cost equally?

d) Find the quotient and the remainder:

$$830 \div 12$$

e) In a factory, 3210 litre oil is extracted from the coconuts in a day. If 5 litre oil is extracted from 1 coconut, then find the total number of coconuts used to extract oil in one day.

f) A rabbit jumps 4 steps at a time and a frog jumps 6 steps at a time. Find out the four numbers where they will both touch.

D.III. Draw and fill the table.

(8x $\frac{1}{2}$ =4)

Original letter	$\frac{1}{4}$ turn	$\frac{1}{2}$ turn	$\frac{3}{4}$ turn	Rotational symmetry (if yes which turn /No)
S				
K				
