

परमाणु ऊर्जा केंद्रीय विद्यालय-1, हैदराबाद
ATOMIC ENERGY CENTRAL SCHOOL - 1, HYDERABAD
आत्मविश्वास परीक्षा (फरवरी-2026)/Confidence Test (Feb-2026)

कक्षा /Class – IV

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 (दिनांकसाहित)/ Invigilator's Sign (With date): - _____

अध्यापकों द्वारा भरा जाए /To be filled by the Teacher

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

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

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

परीक्षा प्रभारी के हस्ताक्षर(दिनांकसाहित)/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 M

1Q. Choose the correct option and fill in the blanks.

$$6 \times 1 = 6$$

1. Which tool is used to measure weight? _____ (Pan balance / Thermometer)

2. In a leap year , February has _____ days .(28 / 29)

3. $45 = \underline{\hspace{1cm}} \times 9$ (5 / 7)

4. The English letter A has _____ line of symmetry. (1 / 2)

5. A packet of salt is 1 kg. How many such packets make 10 kg? _____ (7/10)

6. $48 \div 8 = \underline{\hspace{1cm}}$ (8 / 6)

2Q. Do as directed.

$$5 \times 2 = 10$$

a) Draw the mirror half of the given pictures and complete them.



b) i) Compare the capacity of the following things (using symbols $>$, $<$ or $=$).

1. A water tank _____ A petrol container.

2. A bucket _____ A water bottle.

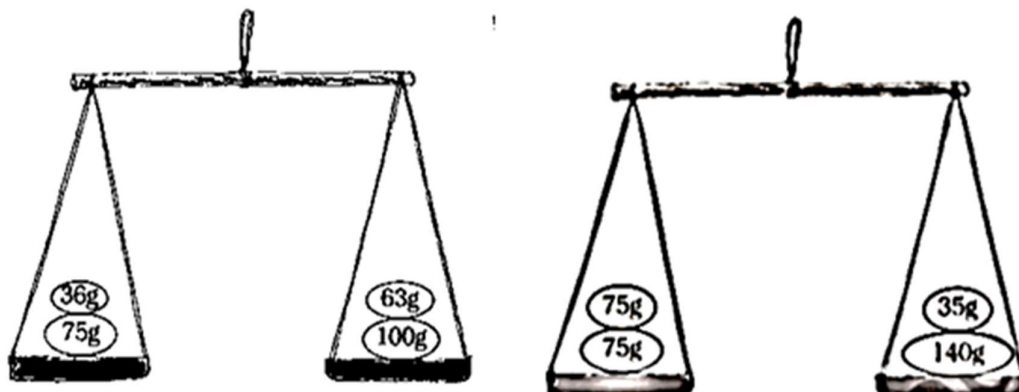
ii) Write the time shown on each clock face.



c. Write first four multiples of 9.

_____ , _____ , _____ , _____

d. Which of the pans will go down? Show by the arrow mark. ↓



e. Solve the following.

1) $3951 + 4199 =$ _____

2) $8003 - 6678 =$ _____

3Q. Match the objects in the left column with their estimated weights in the right column. 4 Marks

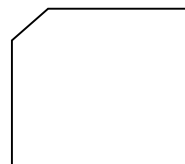
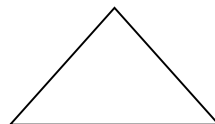
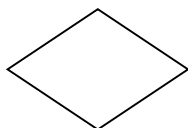
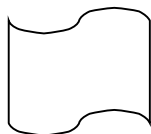
Object	Estimated weight
	15 kg
	1 g to 5 g
	800 g to 1000 g
	150 kg to 300 kg

SECTION B: (Understanding) 20 M

4Q. Do as directed.

$$6 \times 1 = 6$$

i) Circle the asymmetrical shapes out of the given.



ii) $\frac{1}{2}$ (half) hour = _____ minutes

iii) The line that divides an object into its identical halves is called the _____.

iv) Numbers you get when you skip count by 3 (like 3 , 6, 9 ...) are called the _____ of 3.

v) If today is Monday, then day after tomorrow will be _____.

vi) Circle the symmetrical numbers.

1 2 3 4 5 6 7

5Q. Do as directed.

$$5 \times 2 = 10$$

i) Write grams and kilograms against the things we buy from the market for a month.

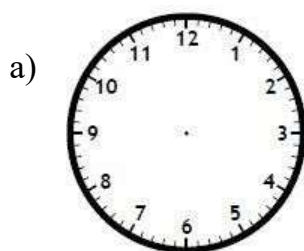
a) Rice-10 _____

c) Atta(flour)-5 _____

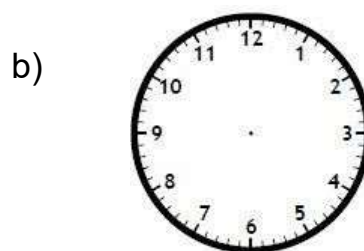
b) Mustard-100 _____

d) Tea powder -250 _____

ii) Draw the hour hand and minute hand on the clock face to show the given time.

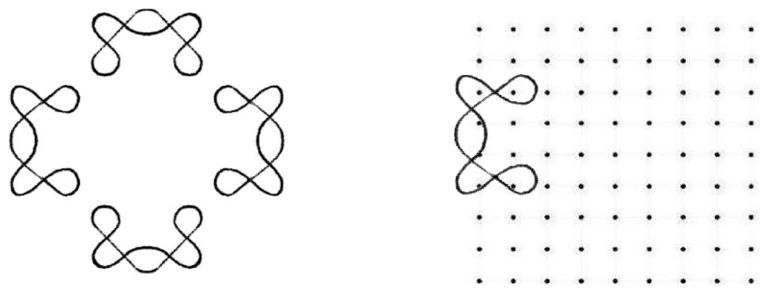


8:00



5:45

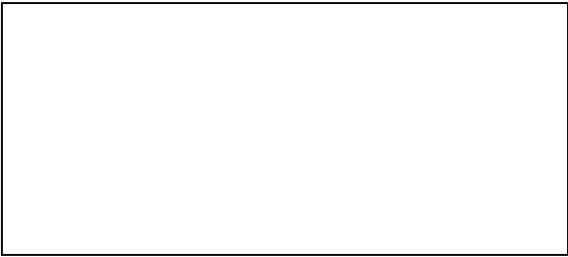
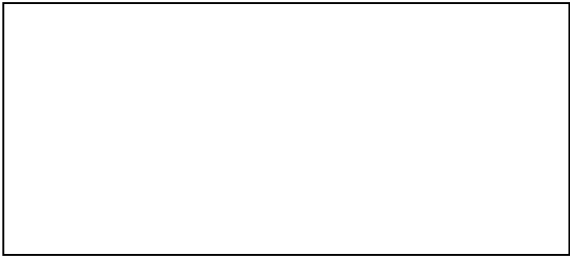
iii) Look at the design given on left and complete in the given grid.



iv) Arrange 16 flowers in two different ways in the given boxes. Also write their multiplication statement.

_____ x _____ = _____

_____ x _____ = _____



v) State ‘T’ for True and ‘F’ for False.

a) $532 \div 532 = 0$. _____

b) 10 minutes after 8:10 pm is 8:30 pm. _____

c) There are five 8’s in 40. _____

d) The English letter F has no line of symmetry. _____

6Q. How many chairs?

4 Marks



- i) There are _____ columns of chairs.
- ii) There are _____ chairs in each column.
- iii) There are _____ chairs in all.
- iv) Mathematical Statement _____

SECTION C: (Ability to compute) 20 M

7Q. Fill in the blanks.

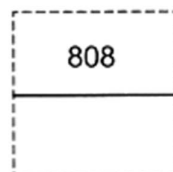
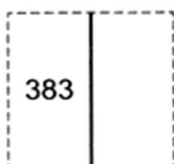
$$4 \times 1 = 4$$

- i) _____ quarter hours make 1 hour.
- ii) $7 \times 100 =$ _____ hundreds = _____
- iii) A rabbit jumps 5 steps at a time starting from '0'. If he is at 45, he has taken _____ jumps.
- iv) $500 \text{ ml} + 500 \text{ ml} =$ _____ liter.

8Q. Do as directed.

$$6 \times 2 = 12$$

- i) Find the mirror image of the following numbers. Also, circle the numbers whose mirror image is the same number.



ii) Use signs $>$, $<$, $=$ as appropriate to compare the quantities.

i. $58+67$ _____ $58+80$

ii. $68+32$ _____ $22+78$

iii) Identify these words. Where will you place mirror to read the following words correctly?

CABD

STAR

iv) Write the multiples of 6 : _____

Write the multiples of 8 : _____

Write the common multiples of 6 and 8 : _____

v) Arrange in increasing order of capacity. Write numbers 1 2 3 4 under them.



vi) Match 12 hour format time with the 24 hour format time in the table provided below.

12-hour clock	24-hour clock
09:30 PM	17:45 hours
02:20 PM	14:20 hours
12:40 AM	21:30 hours
05:45 PM	00:40 hours

9Q.Fill the deposit slip given below. Fill in the amount ₹ 1452 appropriately.

SPB		Deposit Slip																												
		Date D D M M Y Y Y Y																												
Account no. _____		Name: <u>Rani</u>																												
Amount (in numbers): _____		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Type of Note/ coin</th> <th style="width: 30%;">No. of Notes/ coins</th> <th style="width: 40%;">Amount</th> </tr> </thead> <tbody> <tr><td>500</td><td></td><td></td></tr> <tr><td>100</td><td></td><td></td></tr> <tr><td>50</td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td></tr> <tr><td>Total</td><td></td><td></td></tr> </tbody> </table>		Type of Note/ coin	No. of Notes/ coins	Amount	500			100			50			10			5			2			1			Total		
Type of Note/ coin	No. of Notes/ coins			Amount																										
500																														
100																														
50																														
10																														
5																														
2																														
1																														
Total																														
Total Amount (in words): _____																														
Depositor's Signature: _____																														

SECTION D: (Problem Solving Ability) 20 M

10 Q. Fill in the blanks.

$$4 \times 1 = 4$$

i) 14 eggs in 2 boxes → each box has _____ eggs.

ii) Double of 45 = _____

iii) $17 \times 10 = \underline{\hspace{1cm}}$ tens = $\underline{\hspace{1cm}}$

iv) $6 \times \underline{\hspace{1cm}} = \text{double of } (6 \times 7)$

11Q. Do as directed.

i) A shopkeeper buys 46 crates of mangoes at ₹ 15 per crate. How much money does he pay? Do using box method.

ii) If a cat jumps 4 steps forward and a rat jumps 5 steps forward then at which number the cat will catch the rat ?



Cat jumps : $\underline{\hspace{3cm}}$

Rat jumps: $\underline{\hspace{3cm}}$

Cat and rat will meet at $\underline{\hspace{1cm}}$.

iii) Fill in the blanks with appropriate numbers.

260	280			340		
-----	-----	--	--	-----	--	--

4560	4585			4650		
------	------	--	--	------	--	--

v) The Sundarbans in West Bengal is famous for its Royal Bengal Tigers and beautiful mangrove forests. Tourists can take a trip to explore the wildlife. The journey includes a train ride followed by a boat safari.

- The train ticket from Kolkata to Sundarban costs ₹ 75 per person.
- A three-hour boat safari for 1 person costs ₹ 250.
- Plan for some snacks for each person, costing ₹ 50 per person.

How much money does each person need to spend for the entire trip?

vi) a) 168 pencils are to be packed in 8 boxes. How many pencils to be packed in each box ? Do using long division method.

b) Solve .

$$45 \times 5 \rightarrow$$

$$\boxed{} \times \boxed{} + \boxed{} \times \boxed{}$$

$$\boxed{} + \boxed{} = \boxed{}$$

So,

$$45 \times 5 = \boxed{}$$

iv) What time it is

a) Two hours before 1:20 PM=_____

b) Three hours after 8 AM =_____

12Q. Sohan., Rohan, and Meera are classmates. They want to know the students' favourite subjects in their class.

4 marks

They wrote M for Mathematics, S for Science, E for English and H for Hindi.

M, S, E, H, M, M, H, M, S, S, E, S, E, E, H, M, M, M, S, M, S, M, M, H, M, S, S, E. M. S. S. M
--

Using the given information, complete the table.

Favourite subjects	Number of students
Mathematics (M)	
Science (S)	
Hindi (H)	
English (E)	

Now, observe the table and answer the following questions:

(a) Which subject do the students like the most in the class? _____

(b) Which subject do the students like the least in the class? _____

(c) How many more students like English than Hindi? _____

(d) How many fewer students like Science than Mathematics? _____