



परमाणु ऊर्जा शिक्षण संस्था
Atomic Energy Education Society
उत्तर कुंजी / Answer Key (2026-27)

कक्षा /Class: 5 विषय/Subject: गणित/Maths माह/ Month: जुलाई / July अंक/Marks: 40
 दिया गया पाठ्यक्रम/Portion covered: _____

SECTION A: CONCEPT - KNOWLEDGE (10 Marks)

A. Choose the correct answer and fill in the blanks. (1x2=2)

1. c) Consecutive
2. d) Palindromes

B. Do as directed. (2x2=4)

1. a) A 'straight angle' is exactly $\frac{1}{2}$ of a turn whose measure is 180 degrees.

b) Two (2) right angles combine to make one straight angle.

2. Match the following turns to their corresponding angle names:

- a) Less than $\frac{1}{4}$ turn $\rightarrow$ iii) Acute angle
- b) Exactly $\frac{1}{4}$ turn $\rightarrow$ iv) Right angle
- c) Between $\frac{1}{4}$ and $\frac{1}{2}$ turn $\rightarrow$ ii) Obtuse angle
- d) Exactly $\frac{1}{2}$ turn $\rightarrow$ i) Straight angle

C. Complete the table (1x4=4)

Starting Direction	Turns	Ending Direction
North	1 right angle, anticlockwise	West
South	1 right angle, clockwise	West
East	4 right angles, anticlockwise	East
North	2 right angles, clockwise	South

SECTION B: UNDERSTANDING (10 Marks)

A. Tick the correct answer. (1x2=2)

1. c) Giant Wheel
2. a) Even (Sum is 10)

B. Do as directed. (2x2=4)

1. 101, 111, 121, 131

2. Find the relationship between addition and subtraction: a) 1301

- $839 = 462$

b) $1301 - 462 = 839$

C.1 Look at the movement of a clock's minute hand and answer. (1x4=4)

- Moves by 30 minutes: $\frac{1}{2}$ of a turn
- Moves by 45 minutes: $\frac{3}{4}$ of a turn
- Moves by 15 minutes: $\frac{1}{4}$ of a turn
- Direction hands normally move: Clockwise

SECTION C: ABILITY TO COMPUTE (10 Marks)

A. Choose the correct answer. (1x2=2)

1. b) 68 (Since $32 + 68 = 100$)

2. b) 148 ($247 - 99 = 148$)

B. Do as directed. (2x2=4)

1. 3x3 grid with numbers 1 to 9 (Increasing order):

3 rows correct order – 1mark, 3 columns correct order 1 mark

1	2	3
4	5	6
7	8	9

2. Two numbers closest to 10,000 in sum:

The numbers are 4,188 and 5,440. (Sum = 9,628, closest to 10,000 among the given).

C. Perform the following mathematical operations: (2x2=4)

a) $26,444 + 71,111 = 97,555$

d) $77,777 - 777 = 77,000$

SECTION D: PROBLEM SOLVING ABILITY (10 Marks)

A. Tick the correct answer. (1x2=2)

1. b) 65 L ($18 \text{ L} + 47 \text{ L}$)

2. a) 4,550 (Rs. 3,275 + Rs. 1,275)

B. Solve. (2x2=4)

1. Route distances:

Land route (Srinagar to Kanyakumari) = 3,717 km

Sea route (Mumbai to Chennai) = 2,700 km

Result: The Land route is longer by 1,017 km ($3,717 - 2,700$).

2. Factory production:

Order placed = 85,300

Factory produces = 54,000

Result: 31,300 more nuts and bolts needed ($85,300 - 54,000$).

C. Solve. (2x2=4)

Ambrish's Savings & Purchases:

Total savings = Rs. 92,375

Cost of items: Cow = Rs. 26,000, Goat = Rs. 17,000, Milking machine = Rs. 19,873.

a) Total expenditure = $26,000 + 17,000 + 19,873 = \text{Rs. } 62,873$

b) Yes, because $92,375 > 62,873$.

Money left = $92,375 - 62,873 = \text{Rs. } 29,502$.