

1 (76.54%)	2 (74.28%)	3 (60.23%)	4 (69.13%)	5 (64.37%)	6 (63.86%)	7 (76.29%)	8 (51.07%)	9 (73.15%)	10 (37.01%)	11 (60.85%)	12 (42.91%)	13 (51.82%)	14 (58.22%)
15 (55.4%)	16 (69.43%)	17 (67.04%)	18 (50.76%)	19 (33%)	20 (66.75%)	21 (41.59%)	22 (63.12%)	23 (30.33%)	24 (38.58%)	25 (70.41%)	26 (47.56%)	27 (72.77%)	28 (39.25%)
					29 (60.83%)	30 (60.86%)	31 (23.6%)	32 (32.03%)	33 (26.25%)	34 (32.63%)	35 (37.82%)		

Question 23

A clock moves from 7:30pm to 11:00pm. How many degrees has the hours hand moved?

12

1

2

12

1

2

12

11

10

9

8

7

12

11

10

9

8

7

12 gaps in a clock

360° in a revolution

∴ 360 ÷ 12 = 30° per gap

3.5 gaps = 30 × 3 + $\frac{1}{2}$ × 30

= 90 + 15

= 105°

- 1620°
- 1260°
- 135°
- 105°
- 95°

Correct answer:

105°

Hint:

Hour hand moves in 1 hour = 360 ÷ 12 = 30°

11:00 – 7:30 = 3.5 hr

30 × 3.5 = 105°