BLOGS

Clock Questions to Practice for LSAT

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Given below are the Clock Questions to Practice for LSAT. Attempt and see how many you get correct.

Questions

1. The angle swept by the hour hand of a correct clock from 3 am to 3 pm is

- 360
- 180
- 270
- 90

1. The angle swept by the minute hand of a correct clock from 6 am to 6:45 am is

- 180
- 210
- 270
- None of these

1. The angular value of a minute is

- 30 degrees
- 10 degrees
- 6 degrees
- Cannot be calculated

1. A clock started at 3 p.m. and by 15 minutes past 6, the hour hand has turned through what degrees?

- 195/2
- 173/2

- 153/3
- 198/5

1. If a clock starts at 12 noon, then by how many degrees has the hour hand rotated when it is 7 pm?

- 230
- 210
- 180
- 190

1. What is the angle between the minute hand and the hour hand when the time is 10:15 pm?

- 190
- 210
- 220
- 230

1. At what angle are the hour hand and the minute hand when it is 2:30 pm?

- 100
- 105
- 150
- 170

1. How many times in 3 days are the hands of a clock in the straight line but the same direction?

- 6
- 8
- 10
- 12

1. If a clock starts at 5: 00 pm, then by how many degrees has the hour hand of the clock rotated at 11:00 pm?

- 210
- 180

- 90
- 360

1. The angle between the hour hand and minute hand at 7:20 pm is

- 120
- 180
- 210
- 90

Answers

1. (a)
2. (c)
3. (c)
4. (a) Angle covered by hour hand in 12 hours = 360 degrees

Angle covered by hour hand in 3 hours 15 minutes i.e. 13/4 hours = [(360/12 * (13/4)]

= (195/2)o

1. (b)

(360/12) * 7 = 210o

1. (b)

Angle traced by hour hand at 10 pm = (360/12) * 10 = 300o

Angle traced by minute hand in 15 min = (360/60) * 15 = 90o

Required angle = 210o

1. (b)

Angle traced by hour hand at 2:30 pm = (360/12) * (5/2) = 75o

Angle traced by minute hand in 30 min = (360/60) * 30 = 180o

Required angle = 105 degrees

1. (a)

2. (b)

(360/12)* 6 = 180o

1. (d)

Angle traced by hour hand at 7 pm = (360/12) * 7 = 210o

Angle traced by minute hand in 20 min = (360/60) * 20 = 120o

Required angle = 90o

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