

1. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

- A. 144°
- B. 150°
- C. 168°
- D. 180°

Ans - D



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2. The reflex angle between the hands of a clock at 10.25 is:

- A. 180°
- B. $192 \frac{1}{2}^\circ$
- C. 195°
- D. $197 \frac{1}{2}^\circ$

Ans - D



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3. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:

- A. 145°
- B. 150°
- C. 155°
- D. 160°

Ans - C



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4. A watch which gains 5 seconds in 3 minutes was set right at 7 a.m. In the afternoon of the same day, when the watch indicated quarter past 4 o'clock, the true time is:

- A. 59 (7/12) min. past 3
- B. 4 p.m.
- C. 58 (7/11) min. past 3
- D. 2 (3/11) min. past 4

Ans - B



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5. How much does a watch lose per day, if its hands coincide every 64 minutes?

- A. $32 \frac{8}{11}$ min.
- B. $36 \frac{5}{11}$ min.
- C. 90 min.
- D. 96 min.

Ans - A



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6. At what time between 7 and 8 o'clock will the hands of a clock be in the same straight line but, not together?

- A. 5 min. past 7
- B. $5 \frac{2}{11}$ min. past 7
- C. $5 \frac{3}{11}$ min. past 7
- D. $5 \frac{5}{11}$ min. past 7

Ans - D



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7. At what time between 5.30 and 6 will the hands of a clock be at right angles?

A. 43 $\frac{5}{11}$ min. past 5

B. 43 $\frac{7}{11}$ min. past 5

C. 40 min. past 5

D. 45 min. past 5



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8. The angle between the minute hand and the hour hand of a clock when the time is 4.20, is:

- A. 0°
- B. 10°
- C. 5°
- D. 20°

Ans - B



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9. At what angle the hands of a clock are inclined at 15 minutes past 5?

A. $58\frac{1}{2}^{\circ}$

B. 64°

C. $67\frac{1}{2}^{\circ}$

D. $72\frac{1}{2}^{\circ}$

Ans - C



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10. At 3:40, the hour hand and the minute hand of a clock form an angle of:

- A. 120°
- B. 125°
- C. 130°
- D. 135°

Ans - C



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11. How many times are the hands of a clock at right angle in a day?

- A. 22
- B. 24
- C. 44
- D. 48

Ans - C



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12. The angle between the minute hand and the hour hand of a clock when the time is 8.30, is:

- A. 80°
- B. 75°
- C. 60°
- D. 105°

Ans - B



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13. How many times in a day, are the hands of a clock in straight line but opposite in direction?

- A. 20
- B. 22
- C. 24
- D. 48

Ans - B



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14. At what time between 4 and 5 o'clock will the hands of a watch point in opposite directions?

- A. 45 min. past 4
- B. 40 min. past 4
- C. 50 $\frac{4}{11}$ min. past 4
- D. 54 $\frac{6}{11}$ min. past 4



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Ans - D



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15. At what time between 9 and 10 o'clock will the hands of a watch be together?

A. 45 min. past 9

B. 50 min. past 9

C. $49 \frac{1}{11}$ min. past 9

D. $48 \frac{2}{11}$ min. past 9

Ans - C



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16. At what time, in minutes, between 3 o'clock and 4 o'clock, both the needles will coincide each other?

- A. 5 ($\frac{1}{11}$) "
- B. 12 ($\frac{4}{11}$) "
- C. 13 ($\frac{4}{11}$) "
- D. 16 ($\frac{4}{11}$) "

Ans - D



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17. How many times do the hands of a clock coincide in a day?

- A. 20
- B. 21
- C. 22
- D. 24

Ans - C



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18. How many times in a day, the hands of a clock are straight?

- A. 22
- B. 24
- C. 44
- D. 48

Ans - C



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19. A watch which gains uniformly is 2 minutes low at noon on Monday and is 4 min. 48 sec fast at 2 p.m. on the following Monday. When was it correct?

- A. 2 p.m. on Tuesday
- B. 2 p.m. on Wednesday
- C. 3 p.m. on Thursday
- D. 1 p.m. on Friday

Ans - B



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20. When the time is 5:40, then what is the angle b/w the hour hand & the minute hand of a clock?

- A. 70°
- B. 60°
- C. 74°
- D. 80°

Ans - A



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