

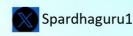
Spardhaguru India Private Limited

SGIPLCECC PYQRML Clock

10 Years of Excellence















Moderate Level

1. If in a clock, the hour hand rotates 18°, then how much angle, the second hand will rotate in the same clock?

(a) 168°

[RRB ALP 2018]

(c) 196°

(b) 276° (d) 216°

2. How much angular distance will be covered by the minute hand of a correct clock in a period of 2 h 20 min?

(a) 140°

(b) 840°

(c) 320°

(d) 520°

3. Find the angle traced by hour hand of a correct clock between 8 O'clock and 2 O'clock.

[FCI Watchman 2018]

(a) 180°

(b) 168°

(c) 150°

(d) 144°

4. What is the angle between the hour hand and the minute hand at half past two? [RRB ALP 2018]

(a) 105°

(b) 120°

(c) 75°

(d) 90°

5. The angle between the minute hand and the hour hand of a clock, when the time is 4: 20 is

[CGPSC Pre 2017]

(a) 0°

(b) 10°

(c) 5°

(d) 20°

(e) None of these

6. At half past 5 in the evening, the smaller angle between the hour and minute hands of a clock is

[IB ACIO 2007]

(a) 10°

(b) 12°

(c) 15°

(d) 18°

10:35?

7. What degree of angle is made by the hands of clock

[RRB (ALP) 2008]

(a) $72 \frac{1}{2}^{0}$

(b) $97 \frac{1}{2}^{0}$

(c) $107 \frac{1}{2}$

(d) 117 $\frac{1}{2}$ 0

8. What will be the angle between the 7:10?. hands of

clock at

[UP B. Ed. 2020]

(a) 185°

(b) 155°

(c) 170°

(d) 165°

9. What will be the angle between the hands of clock at 9:30? [UP B. Ed. 2008]

(a) 75°

(b) 90°

(c) 105°

(d) 120°

10. Find the angle between the two hands of clock at

(a) 61°

(b) 68°

(c) 55°

(d) 65°

11. What will be the measurement of the angle made the hands of a clock when the time is 8:35?

(a) 32.4°

(b) 37.5°

(c) 45°

(d) 47.5°

12. What angle will be traced by the hands of a clock at 12:55?

(a) $87 \frac{1}{2}$ 0

(b) $67 \frac{1}{2}^{0}$

(c) 57 ½ ⁰ Priva (d) 27 ½ ⁰ nited

13. What angle will be traced by the hands of a clock at 7:35? [MAT 2010]

(a) $7\frac{1}{2}^{0}$

(b) 17 ½ ⁰

(c) $27 \frac{1}{2}^{0}$

(d) $37 \frac{1}{2}^{0}$

14. In a clock at 7:30, what will be the angle between minute hand and hour hand?

[UPSSSC VDO 2016]

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(a) 120°

(b) 95°

(c) 75°

(d) 45°

15. What angle will be formed between the hands of

clock at 3:30?

[UPPSC Pre 2014]

(a) 95°

(b) 65°

(c) 85°

(d) 75°

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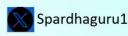
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16. What will be angle between the hands of clock at

8:30?

[SSC (CPO) 2015]

(a) 15°

(b) 30°

(c) 45°

(d) 75°

17. Find the angle between the hands of clock at 8:20.

[Hotel Mgmt 2012]

(a) 130°

(b) 115°

(c) 125°

(d) 140°

18. What will be the angle between the clock at 4:37

pm? two hands of the

[RRB ALP 2018]

(a) 83.5°

(b) 18°

(c) 18.5°

(d) 6.5°

19. How many times do the hands of a clock coincide

in a day?

(b) 22

(a) 24 (c) 21

(d) 20

20. In a week, how many times the minute hand and hour hand make right angle with each other?

[RRB ALP 2018]

(a) 44

(c)54

21. How many times the hand of a clock are at right angle in a day?

(a) 24

(b) 48

(c) 22

(d) 44

22. How many times in 24 h the hands of a clock are in straight line but opposite in directions?

(a) 20

(b) 22

(c) 24

(d) 48

23. How many times in 24 h the hands of a clock are straight?

(a) 48

(b) 44

(c) 24

(d) 22

24. From 1 O'clock afternoon up to 10 O'clock in the night, the hands of a clock will be at right angle times.

[IAS 2009]

(a) 9

(b) 10

(c) 16

(d) 20

25. At what time between 4 O'clock and 5 O'clock will hands of a clock be together?

(a) $24 \frac{9}{11}$ min past 4 (b) $23 \frac{9}{11}$ min past 4 (c) $21 \frac{9}{11}$ min past 4 (d) $21 \frac{7}{11}$ min past 4

26. At what time between 4 O'clock 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

27. At what time between 6 O'clock and 7 O'clock will the hands of a clock be at right angle?

(a) 49 $\frac{1}{11}$ min past 6 and 16 $\frac{4}{11}$ min past 6

(b) $50\frac{1}{11}$ min past 6 and $16\frac{4}{11}$ min past 6

(c) 47 $\frac{1}{11}$ min past 6 and 42 $\frac{1}{11}$ min past 6

(d) $47\frac{1}{11}$ min past 6 and $16\frac{4}{11}$ min past 6