All STREAM   GATE   Hinglish

General Aptitude
Clock   DPP-01

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1. What is the angle between the hands of the clock at 2:45?

(a) $180\dfrac{1}{2}°$ (b) $182\dfrac{1}{2}°$

(c) $172\dfrac{1}{2}°$ (d) $181\dfrac{1}{2}°$

2. At 9' O clock find the angle between the hands of the clock?

(a) $270°$ (b) $250\dfrac{1}{2}°$

(c) $150\dfrac{1}{2}°$ (d) $220\dfrac{1}{2}°$

3. At what time between 6 O' clock and 7 O' clock the hands of the clock will coincide?

(a) $30\dfrac{8}{11}$ min (b) $32\dfrac{8}{11}$ min

(c) $20\dfrac{8}{11}$ min (d) $25\dfrac{8}{11}$ min

4. At what time between 3 O' clock and 4 O' clock the hands of the clock will be at right angles?

(a) $30\dfrac{8}{11}$ min (b) $32\dfrac{8}{11}$ min

(c) $20\dfrac{8}{11}$ min (d) $25\dfrac{8}{11}$ min

5. At what time between 1 O' clock and 2 O' clock the hands of the clock will be in opposite direction?

(a) $30\dfrac{8}{11}$ min (b) $20\dfrac{8}{11}$ min

(c) $38\dfrac{2}{11}$ min (d) $32\dfrac{2}{11}$ min

6. At what time between 5 O' clock and 6 O' clock the hands of the clock will be at 180°?

(a) 60 min (b) 50 min

(c) 40 min (d) Never

7. A clock which gains 6 minutes every three hours is set at 1:00 P.M. on a certain day. Find the time shown by the watch on next day at 13:50 hours.

(a) 15 hrs 21 min 40 sec

(b) 14 hrs 39 min 40 sec

(c) 15 hrs 41 min 40 sec

(d) 15 hrs 31 min 40 sec

8. A clock which loses 5 minutes in every hour is set at 10.30 A.M. on a certain day. Next day at 18.00 hours what is the time shown by this watch?

(a) 15 hrs 12 min 30 sec

(b) 15 hrs 22 min 30 sec

(c) 15 hrs 31 min 40 sec

(d) 15 hrs 41 min 30 sec

9. A clock, which loses 40 seconds every four minutes, is set at 18.00 hours on a certain day. What is the time shown by this watch if the current time is 4.00 P.M.?

(a) 12:20 P.M (b) 11:10 P.M.

(c) 10:10 P.M. (d) 9:10 P.M.

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

(a) 20 (b) 22

(c) 44 (d) 18

11. How many times do the hands of a clock point towards each other in a day?

(a) 18 (b) 19

(c) 22   **(d)** 20

12. A clock which gains 5 minutes in every two hours is set at 12.00 P.M. on a certain day. Find the time shown by the watch on the next day 11 A.M.

(a) 12 hrs 47 min 30 sec

(b) 11 hrs 57 min 30 sec

(c) 12 hrs 20 min 30 sec

(d) 12 hrs 15 min 30 sec

13. A clock which loses 10 seconds in every minute is set at 2.00 P.M. on a certain day. Find the time shown by the watch on the next day 8 P.M.

(a) 1 P.M.   **(b)** 2 P.M.

(c) 3 P.M.   **(d)** 4 P.M.

14. A clock which loses 50 seconds every two minutes is set at 6.00 P.M. on a certain day. What is the time shown by this watch if the current time is 3.00 P.M.?

(a) 4 A.M.   **(b)** 9 : 15 A.M.

(c) 5 A.M.   **(d)** 6 : 15 A.M.

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

(a) 22   **(b)** 23

(c) 24   **(d)** 48

16. How many times are the hands of a clock at right angles in a day?

(a) 22   **(b)** 48

(c) 44   **(d)** 46

17. If a clock takes 22 seconds to strike 12, how much time will it take to strike 6?

(a) 6 sec   **(b)** 10 sec

(c) 8 sec   **(d)** None

18. At what angle the hands of a clock are inclined when the time is 15 minutes past five?

(a) $67\dfrac{1}{2}^{\circ}$ **(b)** 68°

(c) 70°   **(d)** None

19. At what time between 3 and 4 O' clock are the hands of a clock together?

(a) 18 min past 3   **(b)** $12\dfrac{6}{4}$ min past 8

(c) $16\dfrac{4}{11}$ min past 3   **(d)** None

20. At what time between 8 and 9 O' clock are the hands of a clock be in the straight line but not together?

(a) $10\dfrac{5}{11}$ min past 8   **(b)** $10\dfrac{10}{11}$ min past 8

(c) $8\dfrac{10}{11}$ min past 8   **(d)** None

Answer Key

1.	(c)	11.	(c)
2.	(a)	12.	(b)
3.	(b)	13.	(c)
4.	(b)	14.	(d)
5.	(c)	15.	(a)
6.	(d)	16.	(c)
7.	(b)	17.	(b)
8.	(b)	18.	(a)
9.	(a)	19.	(c)
10.	(c)	20.	(b)