

Clocks

Practice Exercise

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

- a) $180\frac{1}{2}^{\circ}$ b) $187\frac{1}{2}^{\circ}$ c) $172\frac{1}{2}^{\circ}$ d) Both 2 and 3

2) What is the angle between the hands of the clock at 3 : 30?

- a) 65° b) 85° c) 75° d) $87\frac{1}{2}^{\circ}$

3) What is the angle between the hands of the clock at 8 : 40?

- a) 10° b) 20° c) 25° d) $87\frac{1}{2}^{\circ}$

4) What is the angle between the hands of the clock at 9 : 10?

- a) 165° b) 145° c) 135° d) 215°

5) What is the angle between the hands of the clock at 4 : 20 ?

- a) 10° b) 85° c) 75° d) 60°

6) At what time between 6 O' clock and 7 O' clock the hands of the clock will coincide

- a) $6:30\frac{8}{11}$ min b) $6:32\frac{8}{11}$ min c) $6:20\frac{8}{11}$ min d) $6:25\frac{8}{11}$ min

7) At what time between 4 O' clock and 5 O' clock the hands of the clock will be at right angles?

- a) $4:30\frac{8}{11}$ min b) $4:38\frac{2}{11}$ min c) $4:32\frac{8}{11}$ min d) $4:34\frac{8}{11}$ min

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

- a) $1:38\frac{2}{11}$ min b) $1:20\frac{8}{11}$ min c) $1:10\frac{8}{11}$ min d) $1:32\frac{4}{11}$ min

9) How many times in a day the hands of a clock will have 180° ?

- a) 20 b) 22 c) 19 d) 18

10) How many times do the hands of a clock coincide in a day? [SSC-CGL]

- a) 23 b) 48 c) 22 d) 24

11) How many times are the hands of a clock at right angles in a day?

- a) 22 b) 48 c) 44 d) 46

12) 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 min. past 9 d) 48 min. past 9

13) Find the mirror image when the exact time shown in a clock was 8 : 40?

- a) 3:20 b) 3:40 c) 8:20 d) 9:20

14) Find the mirror image when the exact time shown in a clock was 3 : 23?

- a) 3:37 b) 8:37 c) 8:23 d) 9:20

15) Two and a quarter hours back, when seen in a mirror, the reflection of a wall clock without number markings seemed to show 1:30. What is the actual current time shown by the clock? [GATE]

- a) 8:15 b) 11:15 c) 12:15 d) 12:45

16) A clock is set right at 8 a.m. The clock gains 10 minutes in 24 hours will be the true time when the clock indicates 1 p.m. on the following day

- a) 46 mins past 12 b) 48 mins past 12 c) 47 mins past 12 d) 49 mins past 12

17) 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 mins past 3 b) 4 pm c) 4 : 10 pm d) 4 : 04 pm

18) There were two clock one is getting slow by three minutes every hour and another one is gaining two minutes every hour and exactly after how many hours there two clock has a 2 hour difference?

- a) 24 hrs b) 48 hrs c) 36 hrs d) 20 hrs

