



1. In 15.00 min, the minute hand makes
(i) 91.00° (ii) 88.00° (iii) 92.00° (iv) 90.00° (v) 89.00°
2. In 18.00 min, the hour hand makes
(i) 11.00° (ii) 10.00° (iii) 8.00° (iv) 9.00° (v) 7.00°
3. In how many minutes, the minute hand makes an angle of 306.00°?
(i) 53 min (ii) 49 min (iii) 52 min (iv) 50 min (v) 51 min
4. In how many minutes, the hour hand makes an angle of 29.50°?
(i) 60 min (ii) 57 min (iii) 58 min (iv) 61 min (v) 59 min
5. What is the angle between the minute and hour hands at 08:22?
(i) 118.00° (ii) 117.00° (iii) 121.00° (iv) 120.00° (v) 119.00°
6. At what time between 3 hr and 4 hr, the angle between the minute and hour hands is 69.50°?
(i) 03:29:00 and 03:03:43 (ii) 03:31:00 and 03:05:43 (iii) 03:32:00 and 03:06:43
(iv) 03:27:00 and 03:01:43 (v) 03:26:00 and 03:00:43
7. What is the time between 9 hr and 10 hr when the two hands coincide?
(i) 09:52:05 (ii) 09:46:05 (iii) 09:51:05 (iv) 09:47:05 (v) 09:49:05
8. What is the time between 3 hr and 4 hr, when the two hands are perpendicular to each other?
(i) 03:02:00 and 03:34:44 (ii) 03:00:00 and 03:32:44 (iii) 03:03:00 and 03:35:44
(iv) 02:58:00 and 03:30:44 (v) 02:57:00 and 03:29:44
9. What is the time between 11 hr and 12 hr, when the two hands are opposite to each other?
(i) 11:25:16 (ii) 11:24:16 (iii) 11:29:16 (iv) 11:30:16 (v) 11:27:16
10. A watch which gains time uniformly was observed to be 2 min slow at 08:27 AM on a day. At 11:35 AM on the same day it was 1 min fast. At what time did the watch show the correct time?
(i) 10:30 AM (ii) 10:35 AM (iii) 10:29 AM (iv) 10:34 AM (v) 10:32 AM
11. A watch which gains time uniformly was observed to be 2 min slow at 00:29 PM on a day and 4 min fast at 05:47 PM on the next day. At what time did the watch show the correct time?
(i) 10:13 PM (ii) 10:18 PM (iii) 10:15 PM (iv) 10:17 PM (v) 10:12 PM
12. A watch which loses time uniformly showed 2 min fast on a day when the correct time was 10:06 AM. It was observed to be 1 min slow at 03:18 PM on the same day. When did the watch show the correct time?
(i) 01:37 PM (ii) 01:34 PM (iii) 01:31 PM (iv) 01:32 PM (v) 01:36 PM

13. A watch which loses time uniformly showed 3 min fast on a day when the correct time was 06:14 AM. It was observed to be 2 min slow at 00:27 PM on the next day. When did the watch show the correct time?
- (i) 00:21 AM next day (ii) 00:19 AM next day (iii) 00:18 AM next day (iv) 00:23 AM next day
(v) 00:24 AM next day
14. A clock was set at 06:54 AM on 11th December. On 12th December, at 09:54 AM, the clock showed 10:01 AM. If the clock showed 06:54 AM on 13th December, what was the correct time then?
- (i) 06:41:37 AM (ii) 06:43:37 AM (iii) 06:39:37 AM (iv) 06:44:37 AM (v) 06:38:37 AM
15. A clock was set at 11:10 AM on 15th March. On 16th March, at 02:10 PM, the clock showed 02:03 PM. If the clock showed 02:10 PM on 17th March, what was the correct time then?
- (i) 02:25:16 PM (ii) 02:23:16 PM (iii) 02:26:16 PM (iv) 02:21:16 PM (v) 02:20:16 PM
16. If the time in a clock is 11 hr 35 min, then what time does its mirror image show?
- (i) 00:22 (ii) 00:27 (iii) 00:28 (iv) 00:23 (v) 00:25
17. In 21.00 min, the minute hand makes
- (i) 125.00° (ii) 126.00° (iii) 128.00° (iv) 124.00° (v) 127.00°
18. In 18.00 min, the hour hand makes
- (i) 9.00° (ii) 10.00° (iii) 11.00° (iv) 8.00° (v) 7.00°
19. In how many minutes, the minute hand makes an angle of 168.00° ?
- (i) 26 min (ii) 28 min (iii) 30 min (iv) 29 min (v) 27 min
20. In how many minutes, the hour hand makes an angle of 26.50° ?
- (i) 51 min (ii) 52 min (iii) 54 min (iv) 55 min (v) 53 min
21. What is the angle between the minute and hour hands at 00:28?
- (i) 155.00° (ii) 153.00° (iii) 154.00° (iv) 156.00° (v) 152.00°
22. At what time between 8 hr and 9 hr, the angle between the minute and hour hands is 196.00° ?
- (i) 08:11:00 (ii) 08:05:00 (iii) 08:10:00 (iv) 08:06:00 (v) 08:08:00
23. What is the time between 7 hr and 8 hr when the two hands coincide?
- (i) 07:36:11 (ii) 07:38:11 (iii) 07:35:11 (iv) 07:41:11 (v) 07:40:11
24. What is the time between 1 hr and 2 hr, when the two hands are perpendicular to each other?
- (i) 01:24:49 (ii) 01:19:49 (iii) 01:23:49 (iv) 01:18:49 (v) 01:21:49
25. What is the time between 6 hr and 7 hr, when the two hands are opposite to each other?
- (i) 06:00:00 (ii) 05:57:00 (iii) 05:58:00 (iv) 06:03:00 (v) 06:02:00
26. A watch which gains time uniformly was observed to be 2 min slow at 00:58 PM on a day. At 09:27 PM on the same day it was 3 min fast. At what time did the watch show the correct time?
- (i) 04:19 PM (ii) 04:18 PM (iii) 04:21 PM (iv) 04:24 PM (v) 04:23 PM

27. A watch which gains time uniformly was observed to be 2 min slow at 11:59 AM on a day and 3 min fast at 05:16 PM on the next day. At what time did the watch show the correct time?
(i) 11:41 PM (ii) 11:43 PM (iii) 11:44 PM (iv) 11:38 PM (v) 11:39 PM
28. A watch which loses time uniformly showed 3 min fast on a day when the correct time was 09:23 AM. It was observed to be 3 min slow at 06:20 PM on the same day. When did the watch show the correct time?
(i) 01:51 PM (ii) 01:49 PM (iii) 01:54 PM (iv) 01:48 PM (v) 01:53 PM
29. A watch which loses time uniformly showed 2 min fast on a day when the correct time was 01:28 PM. It was observed to be 2 min slow at 09:07 PM on the next day. When did the watch show the correct time?
(i) 05:17 AM next day (ii) 05:20 AM next day (iii) 05:15 AM next day (iv) 05:14 AM next day
(v) 05:19 AM next day
30. A clock was set at 02:39 PM on 6th June. On 7th June, at 09:39 PM, the clock showed 09:45 PM. If the clock showed 06:39 AM on 8th June, what was the correct time then?
(i) 06:34:17 AM (ii) 06:28:17 AM (iii) 06:31:17 AM (iv) 06:33:17 AM (v) 06:29:17 AM
31. A clock was set at 06:40 AM on 6th September. On 7th September, at 01:40 PM, the clock showed 01:34 PM. If the clock showed 06:40 AM on 8th September, what was the correct time then?
(i) 06:51:19 AM (ii) 06:49:19 AM (iii) 06:46:19 AM (iv) 06:47:19 AM (v) 06:52:19 AM
32. If the time in a clock is 0 hr 16 min, then what time does its mirror image show?
(i) 11:42 (ii) 11:41 (iii) 11:46 (iv) 11:47 (v) 11:44

Assignment Key

1) (iv)	2) (iv)	3) (v)	4) (v)	5) (v)	6) (i)
7) (v)	8) (ii)	9) (v)	10) (v)	11) (iii)	12) (ii)
13) (i)	14) (i)	15) (ii)	16) (v)	17) (ii)	18) (i)
19) (ii)	20) (v)	21) (iii)	22) (v)	23) (ii)	24) (v)
25) (i)	26) (iii)	27) (i)	28) (i)	29) (i)	30) (iii)
31) (ii)	32) (v)				