



1. In 53.00 min, the minute hand makes
(i) 320.00° (ii) 318.00° (iii) 317.00° (iv) 316.00° (v) 319.00°
2. In 19.00 min, the hour hand makes
(i) 9.50° (ii) 7.50° (iii) 8.50° (iv) 10.50° (v) 11.50°
3. In how many minutes, the minute hand makes an angle of 222.00° ?
(i) 39 min (ii) 37 min (iii) 35 min (iv) 36 min (v) 38 min
4. In how many minutes, the hour hand makes an angle of 21.50° ?
(i) 41 min (ii) 44 min (iii) 42 min (iv) 43 min (v) 45 min
5. What is the angle between the minute and hour hands at 06:10?
(i) 123.00° (ii) 126.00° (iii) 127.00° (iv) 125.00° (v) 124.00°
6. At what time between 0 hr and 1 hr, the angle between the minute and hour hands is 104.50° ?
(i) 00:19:00 (ii) 00:21:00 (iii) 00:16:00 (iv) 00:22:00 (v) 00:17:00
7. What is the time between 3 hr and 4 hr when the two hands coincide?
(i) 03:19:22 (ii) 03:16:22 (iii) 03:13:22 (iv) 03:14:22 (v) 03:18:22
8. What is the time between 7 hr and 8 hr, when the two hands are perpendicular to each other?
(i) 07:23:49 and 07:56:33 (ii) 07:21:49 and 07:54:33 (iii) 07:19:49 and 07:52:33
(iv) 07:24:49 and 07:57:33 (v) 07:18:49 and 07:51:33
9. What is the time between 10 hr and 11 hr, when the two hands are opposite to each other?
(i) 10:18:49 (ii) 10:19:49 (iii) 10:21:49 (iv) 10:24:49 (v) 10:23:49
10. A watch which gains time uniformly was observed to be 3 min slow at 09:06 AM on a day. At 01:29 PM on the same day it was 1 min fast. At what time did the watch show the correct time?
(i) 00:23 PM (ii) 00:25 PM (iii) 00:20 PM (iv) 00:26 PM (v) 00:21 PM
11. A watch which gains time uniformly was observed to be 1 min slow at 10:01 AM on a day and 6 min fast at 05:10 PM on the next day. At what time did the watch show the correct time?
(i) 02:31 PM (ii) 02:26 PM (iii) 02:30 PM (iv) 02:25 PM (v) 02:28 PM
12. A watch which loses time uniformly showed 1 min fast on a day when the correct time was 08:47 AM. It was observed to be 1 min slow at 05:17 PM on the same day. When did the watch show the correct time?
(i) 01:04 PM (ii) 01:00 PM (iii) 01:02 PM (iv) 01:05 PM (v) 00:59 PM

13. A watch which loses time uniformly showed 2 min fast on a day when the correct time was 09:05 AM. It was observed to be 2 min slow at 03:26 PM on the next day. When did the watch show the correct time?
- (i) 00:12 AM next day (ii) 00:15 AM next day (iii) 00:17 AM next day (iv) 00:13 AM next day
(v) 00:18 AM next day
14. A clock was set at 09:39 AM on 16th December. On 17th December, at 02:39 PM, the clock showed 02:47 PM. If the clock showed 03:39 PM on 18th December, what was the correct time then?
- (i) 03:26:11 PM (ii) 03:27:11 PM (iii) 03:24:11 PM (iv) 03:21:11 PM (v) 03:22:11 PM
15. A clock was set at 09:42 AM on 7th June. On 8th June, at 11:42 AM, the clock showed 11:35 AM. If the clock showed 00:42 PM on 9th June, what was the correct time then?
- (i) 00:52:47 PM (ii) 00:58:47 PM (iii) 00:55:47 PM (iv) 00:53:47 PM (v) 00:57:47 PM
16. If the time in a clock is 6 hr 55 min, then what time does its mirror image show?
- (i) 05:02 (ii) 05:08 (iii) 05:05 (iv) 05:07 (v) 05:03
17. In 9.00 min, the minute hand makes
- (i) 52.00° (ii) 56.00° (iii) 55.00° (iv) 54.00° (v) 53.00°
18. In 43.00 min, the hour hand makes
- (i) 22.50° (ii) 19.50° (iii) 21.50° (iv) 20.50° (v) 23.50°
19. In how many minutes, the minute hand makes an angle of 96.00° ?
- (i) 16 min (ii) 18 min (iii) 15 min (iv) 14 min (v) 17 min
20. In how many minutes, the hour hand makes an angle of 6.00° ?
- (i) 13 min (ii) 14 min (iii) 12 min (iv) 11 min (v) 10 min
21. What is the angle between the minute and hour hands at 02:43?
- (i) 177.50° (ii) 174.50° (iii) 178.50° (iv) 176.50° (v) 175.50°
22. At what time between 0 hr and 1 hr, the angle between the minute and hour hands is 253.00° ?
- (i) 00:46:00 (ii) 00:43:00 (iii) 00:49:00 (iv) 00:48:00 (v) 00:44:00
23. What is the time between 0 hr and 1 hr when the two hands coincide?
- (i) 11:57:00 (ii) 00:00:00 (iii) 11:58:00 (iv) 00:03:00 (v) 00:02:00
24. What is the time between 8 hr and 9 hr, when the two hands are perpendicular to each other?
- (i) 08:27:16 and 09:00:00 (ii) 08:25:16 and 08:58:00 (iii) 08:30:16 and 09:03:00
(iv) 08:24:16 and 08:57:00 (v) 08:29:16 and 09:02:00
25. What is the time between 11 hr and 12 hr, when the two hands are opposite to each other?
- (i) 11:27:16 (ii) 11:29:16 (iii) 11:30:16 (iv) 11:25:16 (v) 11:24:16
26. A watch which gains time uniformly was observed to be 1 min slow at 07:27 AM on a day. At 02:43 PM on the same day it was 2 min fast. At what time did the watch show the correct time?
- (i) 09:52 AM (ii) 09:50 AM (iii) 09:55 AM (iv) 09:54 AM (v) 09:49 AM

27. A watch which gains time uniformly was observed to be 4 min slow at 01:18 PM on a day and 2 min fast at 06:11 PM on the next day. At what time did the watch show the correct time?
- (i) 08:33 AM next day (ii) 08:31 AM next day (iii) 08:35 AM next day (iv) 08:30 AM next day
(v) 08:36 AM next day
28. A watch which loses time uniformly showed 3 min fast on a day when the correct time was 11:57 AM. It was observed to be 1 min slow at 03:58 PM on the same day. When did the watch show the correct time?
- (i) 03:00 PM (ii) 02:57 PM (iii) 02:55 PM (iv) 02:59 PM (v) 02:54 PM
29. A watch which loses time uniformly showed 3 min fast on a day when the correct time was 03:07 PM. It was observed to be 1 min slow at 08:24 PM on the next day. When did the watch show the correct time?
- (i) 01:07 PM next day (ii) 01:06 PM next day (iii) 01:01 PM next day (iv) 01:04 PM next day
(v) 01:02 PM next day
30. A clock was set at 07:40 AM on 8th September. On 9th September, at 02:40 PM, the clock showed 02:50 PM. If the clock showed 01:40 PM on 10th September, what was the correct time then?
- (i) 01:20:41 PM (ii) 01:19:41 PM (iii) 01:25:41 PM (iv) 01:22:41 PM (v) 01:24:41 PM
31. A clock was set at 08:36 AM on 8th June. On 9th June, at 03:36 PM, the clock showed 03:31 PM. If the clock showed 06:36 AM on 10th June, what was the correct time then?
- (i) 06:43:26 AM (ii) 06:40:26 AM (iii) 06:46:26 AM (iv) 06:45:26 AM (v) 06:41:26 AM
32. If the time in a clock is 1 hr 57 min, then what time does its mirror image show?
- (i) 10:03 (ii) 10:01 (iii) 10:06 (iv) 10:05 (v) 10:00

Assignment Key

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