



1. In 14.00 min, the minute hand makes
(i) 85.00° (ii) 84.00° (iii) 83.00° (iv) 86.00° (v) 82.00°
2. In 53.00 min, the hour hand makes
(i) 28.50° (ii) 24.50° (iii) 25.50° (iv) 27.50° (v) 26.50°
3. In how many minutes, the minute hand makes an angle of 348.00° ?
(i) 59 min (ii) 56 min (iii) 60 min (iv) 57 min (v) 58 min
4. In how many minutes, the hour hand makes an angle of 7.00° ?
(i) 12 min (ii) 13 min (iii) 15 min (iv) 14 min (v) 16 min
5. What is the angle between the minute and hour hands at 07:31?
(i) 40.50° (ii) 41.50° (iii) 38.50° (iv) 39.50° (v) 37.50°
6. At what time between 11 hr and 12 hr, the angle between the minute and hour hands is 192.50° ?
(i) 11:27:00 (ii) 11:23:00 (iii) 11:28:00 (iv) 11:25:00 (v) 11:22:00
7. What is the time between 0 hr and 1 hr when the two hands coincide?
(i) 00:03:00 (ii) 11:58:00 (iii) 00:02:00 (iv) 00:00:00 (v) 11:57:00
8. What is the time between 8 hr and 9 hr, when the two hands are perpendicular to each other?
(i) 08:30:16 and 09:03:00 (ii) 08:25:16 and 08:58:00 (iii) 08:27:16 and 09:00:00
(iv) 08:24:16 and 08:57:00 (v) 08:29:16 and 09:02:00
9. What is the time between 8 hr and 9 hr, when the two hands are opposite to each other?
(i) 08:07:55 (ii) 08:12:55 (iii) 08:10:55 (iv) 08:08:55 (v) 08:13:55
10. A watch which gains time uniformly was observed to be 2 min slow at 08:39 AM on a day. At 00:07 PM on the same day it was 3 min fast. At what time did the watch show the correct time?
(i) 10:05 AM (ii) 10:00 AM (iii) 09:59 AM (iv) 10:02 AM (v) 10:04 AM
11. A watch which gains time uniformly was observed to be 4 min slow at 02:26 PM on a day and 3 min fast at 06:49 PM on the next day. At what time did the watch show the correct time?
(i) 06:42 AM next day (ii) 06:36 AM next day (iii) 06:37 AM next day (iv) 06:39 AM next day
(v) 06:41 AM next day
12. A watch which loses time uniformly showed 2 min fast on a day when the correct time was 07:07 AM. It was observed to be 1 min slow at 11:00 AM on the same day. When did the watch show the correct time?
(i) 09:39 AM (ii) 09:42 AM (iii) 09:45 AM (iv) 09:44 AM (v) 09:40 AM

13. A watch which loses time uniformly showed 1 min fast on a day when the correct time was 01:09 PM. It was observed to be 3 min slow at 06:07 PM on the next day. When did the watch show the correct time?
(i) 08:21 PM (ii) 08:25 PM (iii) 08:20 PM (iv) 08:23 PM (v) 08:26 PM
14. A clock was set at 10:32 AM on 14th June. On 15th June, at 04:32 PM, the clock showed 04:40 PM. If the clock showed 06:32 AM on 16th June, what was the correct time then?
(i) 06:22:20 AM (ii) 06:23:20 AM (iii) 06:18:20 AM (iv) 06:20:20 AM (v) 06:17:20 AM
15. A clock was set at 08:48 AM on 17th January. On 18th January, at 01:48 PM, the clock showed 01:41 PM. If the clock showed 01:48 PM on 19th January, what was the correct time then?
(i) 02:03:50 PM (ii) 02:02:50 PM (iii) 01:57:50 PM (iv) 02:00:50 PM (v) 01:58:50 PM
16. If the time in a clock is 11 hr 15 min, then what time does its mirror image show?
(i) 00:48 (ii) 00:43 (iii) 00:47 (iv) 00:42 (v) 00:45
17. In 47.00 min, the minute hand makes
(i) 280.00° (ii) 283.00° (iii) 281.00° (iv) 284.00° (v) 282.00°
18. In 4.00 min, the hour hand makes
(i) 3.00° (ii) 2.00° (iii) 1.00° (iv) 4.00° (v) 0.00°
19. In how many minutes, the minute hand makes an angle of 144.00° ?
(i) 23 min (ii) 26 min (iii) 22 min (iv) 25 min (v) 24 min
20. In how many minutes, the hour hand makes an angle of 28.50° ?
(i) 55 min (ii) 57 min (iii) 56 min (iv) 59 min (v) 58 min
21. What is the angle between the minute and hour hands at 10:14?
(i) 223.00° (ii) 224.00° (iii) 221.00° (iv) 222.00° (v) 225.00°
22. At what time between 1 hr and 2 hr, the angle between the minute and hour hands is 267.00° ?
(i) 01:56:00 (ii) 01:54:00 (iii) 01:51:00 (iv) 01:52:00 (v) 01:57:00
23. What is the time between 3 hr and 4 hr when the two hands coincide?
(i) 03:14:22 (ii) 03:19:22 (iii) 03:16:22 (iv) 03:18:22 (v) 03:13:22
24. What is the time between 0 hr and 1 hr, when the two hands are perpendicular to each other?
(i) 00:14:22 (ii) 00:19:22 (iii) 00:13:22 (iv) 00:18:22 (v) 00:16:22
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) 11:30:16 (iii) 11:24:16 (iv) 11:29:16 (v) 11:25:16
26. A watch which gains time uniformly was observed to be 1 min slow at 06:13 AM on a day. At 10:37 AM on the same day it was 2 min fast. At what time did the watch show the correct time?
(i) 07:39 AM (ii) 07:43 AM (iii) 07:41 AM (iv) 07:38 AM (v) 07:44 AM
27. A watch which gains time uniformly was observed to be 3 min slow at 01:49 PM on a day and 6 min fast at 08:10 PM on the next day. At what time did the watch show the correct time?
(i) 11:54 PM (ii) 11:58 PM (iii) 11:59 PM (iv) 11:56 PM (v) 11:53 PM

28. A watch which loses time uniformly showed 2 min fast on a day when the correct time was 02:12 PM. It was observed to be 3 min slow at 04:31 PM on the same day. When did the watch show the correct time?
- (i) 03:05 PM (ii) 03:07 PM (iii) 03:04 PM (iv) 03:09 PM (v) 03:10 PM
29. A watch which loses time uniformly showed 6 min fast on a day when the correct time was 08:45 AM. It was observed to be 2 min slow at 03:22 PM on the next day. When did the watch show the correct time?
- (i) 07:40 AM next day (ii) 07:44 AM next day (iii) 07:42 AM next day (iv) 07:45 AM next day
(v) 07:39 AM next day
30. A clock was set at 01:11 PM on 10th July. On 11th July, at 08:11 PM, the clock showed 08:21 PM. If the clock showed 11:11 AM on 12th July, what was the correct time then?
- (i) 10:59:15 AM (ii) 10:53:15 AM (iii) 10:54:15 AM (iv) 10:58:15 AM (v) 10:56:15 AM
31. A clock was set at 06:58 AM on 7th March. On 8th March, at 08:58 AM, the clock showed 08:53 AM. If the clock showed 09:58 AM on 9th March, what was the correct time then?
- (i) 10:07:50 AM (ii) 10:04:50 AM (iii) 10:10:50 AM (iv) 10:09:50 AM (v) 10:05:50 AM
32. If the time in a clock is 7 hr 2 min, then what time does its mirror image show?
- (i) 04:56 (ii) 05:00 (iii) 05:01 (iv) 04:55 (v) 04:58

Assignment Key

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