



1. In 34.00 min, the minute hand makes
(i) 204.00° (ii) 205.00° (iii) 206.00° (iv) 203.00° (v) 202.00°
2. In 16.00 min, the hour hand makes
(i) 8.00° (ii) 10.00° (iii) 7.00° (iv) 9.00° (v) 6.00°
3. In how many minutes, the minute hand makes an angle of 252.00° ?
(i) 44 min (ii) 43 min (iii) 42 min (iv) 40 min (v) 41 min
4. In how many minutes, the hour hand makes an angle of 2.00° ?
(i) 6 min (ii) 5 min (iii) 2 min (iv) 3 min (v) 4 min
5. What is the angle between the minute and hour hands at 03:12?
(i) 24.00° (ii) 26.00° (iii) 22.00° (iv) 23.00° (v) 25.00°
6. At what time between 0 hr and 1 hr, the angle between the minute and hour hands is 88.00° ?
(i) 00:13:00 (ii) 00:14:00 (iii) 00:16:00 (iv) 00:19:00 (v) 00:18:00
7. What is the time between 1 hr and 2 hr when the two hands coincide?
(i) 01:03:27 (ii) 01:07:27 (iii) 01:08:27 (iv) 01:02:27 (v) 01:05:27
8. What is the time between 10 hr and 11 hr, when the two hands are perpendicular to each other?
(i) 10:35:11 (ii) 10:38:11 (iii) 10:36:11 (iv) 10:41:11 (v) 10:40:11
9. What is the time between 1 hr and 2 hr, when the two hands are opposite to each other?
(i) 01:40:11 (ii) 01:36:11 (iii) 01:38:11 (iv) 01:35:11 (v) 01:41:11
10. A watch which gains time uniformly was observed to be 2 min slow at 09:11 AM on a day. At 02:14 PM on the same day it was 3 min fast. At what time did the watch show the correct time?
(i) 11:10 AM (ii) 11:14 AM (iii) 11:09 AM (iv) 11:12 AM (v) 11:15 AM
11. A watch which gains time uniformly was observed to be 4 min slow at 08:57 AM on a day and 2 min fast at 04:12 PM on the next day. At what time did the watch show the correct time?
(i) 05:47 AM next day (ii) 05:50 AM next day (iii) 05:45 AM next day (iv) 05:44 AM next day
(v) 05:49 AM next day
12. A watch which loses time uniformly showed 3 min fast on a day when the correct time was 08:32 AM. It was observed to be 2 min slow at 02:31 PM on the same day. When did the watch show the correct time?
(i) 00:04 PM (ii) 00:10 PM (iii) 00:09 PM (iv) 00:05 PM (v) 00:07 PM

13. A watch which loses time uniformly showed 1 min fast on a day when the correct time was 07:30 AM. It was observed to be 2 min slow at 10:37 AM on the next day. When did the watch show the correct time?
(i) 04:35 PM (ii) 04:32 PM (iii) 04:30 PM (iv) 04:34 PM (v) 04:29 PM
14. A clock was set at 09:36 AM on 18th January. On 19th January, at 02:36 PM, the clock showed 02:41 PM. If the clock showed 03:36 PM on 20th January, what was the correct time then?
(i) 03:23:43 PM (ii) 03:28:43 PM (iii) 03:26:43 PM (iv) 03:29:43 PM (v) 03:24:43 PM
15. A clock was set at 00:43 PM on 15th June. On 16th June, at 07:43 PM, the clock showed 07:33 PM. If the clock showed 08:43 AM on 17th June, what was the correct time then?
(i) 08:57:16 AM (ii) 08:55:16 AM (iii) 08:59:16 AM (iv) 09:00:16 AM (v) 08:54:16 AM
16. If the time in a clock is 10 hr 59 min, then what time does its mirror image show?
(i) 00:59 (ii) 01:01 (iii) 01:04 (iv) 01:03 (v) 00:58
17. In 27.00 min, the minute hand makes
(i) 163.00° (ii) 160.00° (iii) 164.00° (iv) 162.00° (v) 161.00°
18. In 14.00 min, the hour hand makes
(i) 8.00° (ii) 5.00° (iii) 9.00° (iv) 6.00° (v) 7.00°
19. In how many minutes, the minute hand makes an angle of 114.00° ?
(i) 18 min (ii) 17 min (iii) 20 min (iv) 19 min (v) 21 min
20. In how many minutes, the hour hand makes an angle of 0.00° ?
(i) 8 min (ii) 1 min (iii) 7 min (iv) 2 min (v) 0 min
21. What is the angle between the minute and hour hands at 02:48?
(i) 203.00° (ii) 202.00° (iii) 204.00° (iv) 205.00° (v) 206.00°
22. At what time between 2 hr and 3 hr, the angle between the minute and hour hands is 259.00° ?
(i) 02:55:00 (ii) 03:01:00 (iii) 02:56:00 (iv) 02:58:00 (v) 03:00:00
23. What is the time between 9 hr and 10 hr when the two hands coincide?
(i) 09:52:05 (ii) 09:46:05 (iii) 09:47:05 (iv) 09:49:05 (v) 09:51:05
24. What is the time between 11 hr and 12 hr, when the two hands are perpendicular to each other?
(i) 11:46:38 (ii) 11:40:38 (iii) 11:43:38 (iv) 11:45:38 (v) 11:41:38
25. What is the time between 8 hr and 9 hr, when the two hands are opposite to each other?
(i) 08:08:55 (ii) 08:13:55 (iii) 08:07:55 (iv) 08:12:55 (v) 08:10:55
26. A watch which gains time uniformly was observed to be 3 min slow at 08:35 AM on a day. At 00:53 PM on the same day it was 1 min fast. At what time did the watch show the correct time?
(i) 11:45 AM (ii) 11:48 AM (iii) 11:46 AM (iv) 11:51 AM (v) 11:50 AM
27. A watch which gains time uniformly was observed to be 1 min slow at 08:13 AM on a day and 6 min fast at 04:59 PM on the next day. At what time did the watch show the correct time?
(i) 00:56 PM (ii) 00:51 PM (iii) 00:55 PM (iv) 00:53 PM (v) 00:50 PM

28. A watch which loses time uniformly showed 2 min fast on a day when the correct time was 10:15 AM. It was observed to be 2 min slow at 01:33 PM on the same day. When did the watch show the correct time?
(i) 11:51 AM (ii) 11:54 AM (iii) 11:52 AM (iv) 11:56 AM (v) 11:57 AM
29. A watch which loses time uniformly showed 2 min fast on a day when the correct time was 01:16 PM. It was observed to be 6 min slow at 06:54 PM on the next day. When did the watch show the correct time?
(i) 08:43 PM (ii) 08:37 PM (iii) 08:38 PM (iv) 08:42 PM (v) 08:40 PM
30. A clock was set at 09:56 AM on 8th December. On 9th December, at 02:56 PM, the clock showed 03:01 PM. If the clock showed 09:56 AM on 10th December, what was the correct time then?
(i) 09:47:45 AM (ii) 09:50:45 AM (iii) 09:45:45 AM (iv) 09:44:45 AM (v) 09:49:45 AM
31. A clock was set at 10:43 AM on 11th March. On 12th March, at 03:43 PM, the clock showed 03:36 PM. If the clock showed 00:43 PM on 13th March, what was the correct time then?
(i) 00:55:07 PM (ii) 00:53:07 PM (iii) 00:57:07 PM (iv) 00:58:07 PM (v) 00:52:07 PM
32. If the time in a clock is 2 hr 57 min, then what time does its mirror image show?
(i) 09:00 (ii) 09:06 (iii) 09:03 (iv) 09:05 (v) 09:01

Assignment Key

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