

Advance Level

1. A wall clock moves 10 min fast in every 24 h. The clock was set right to show the correct time at 8:00 am on Monday. When the clock shows the time 6:00 pm on Wednesday, what is the correct time?

[UPSC CSAT 2019]

- (a) 5 : 36 pm (b) 5 : 30 pm
(c) 5 : 24 pm (d) 5 : 18 pm

2. A clock becomes 12 s fast in every 3 h. If it is made correct at 3 O'clock in the afternoon of Sunday, then what time will it show at 10 O'clock Tuesday morning?

- (a) 2 min 52 s past 10 (b) 2 min 54 s past 10
(c) 2 min 50 s past 10 (d) 2 min 48 s past 20

3. At present a wall clock is showing 07 : 40 : 06. If it loses 4 s in each hour, then after 6 ½ h, what time it will be showing?

[UPSSSC Amin 2016]

- (a) 14 : 09 : 40 (b) 14 : 09 : 38
(c) 14 : 10 : 06 (d) 14 : 10 : 42

4. A clock becomes 15 min fast every day. If it is made correct at 12 O'clock in the afternoon, then what time will it show at 4 O'clock in the morning?

- (a) 4 : 10 (b) 4 : 15
(c) 4 : 20 (d) 4 : 30

5. A clock is set right at 5 am. The clock loses 16 min in 24 h. What will be the right time when the clock indicates 10 pm on the 3rd day?

- (a) 11 : 15 pm (b) 11 pm
(c) 12 pm (d) 12 : 30 pm

6. A watch, which gains uniformly is 2 min slow at noon on Monday and is 4 min, 48s fast at 2 pm on the following Monday. At what time it was correct?

- (a) 2 pm on Tuesday (b) 2 pm on Wednesday
(c) 3 pm on Thursday (d) 1 pm on Friday
(e) None of these

7. A clock, which loses uniformly, is 15 min fast at 9 a more 3rd of the December and is 25 min less than the

correct time at 3 pm on 6th of the same month. At what time is was correct?

- (a) 2 : 15 am on 3rd (b) 2 : 15 pm on 4th
(c) 2 : 15 pm on 3rd (d) 2 : 15 am on 4th

8. Two clocks are set correctly at 10 am on Sunday. O clock loses 3 min in an hour while the other gains 2 min in an hour. By how many minutes do the two clocks differ at 4 pm on the same day?

- (a) 25 min (b) 20 min
(c) 35 min (d) 30 min

9. The minute hand of a clock overtakes the hour hand intervals of 65 min of the correct time. How much does a clock gain or lose in a day?

- (a) $10 \frac{10}{143}$ min (gain) (b) $10 \frac{10}{143}$ min (loss)
(c) $9 \frac{10}{143}$ min (gain) (d) $9 \frac{10}{143}$ min (loss)

10. The minute hand of a clock overtakes the hour hand at intervals of 58 min of the correct time. How much does a clock gain or lose in a day?

- (a) $185 \frac{25}{319}$ min (loss) (b) $185 \frac{25}{319}$ min (gain)
(c) $184 \frac{25}{319}$ min (loss) (d) $184 \frac{25}{319}$ min (gain)

11. The minute hand of a clock overtakes the hour hands intervals of 62 min of the correct time. How much does a clock gain or lose in a day?

- (a) $81 \frac{80}{341}$ min (loss) (b) $81 \frac{80}{341}$ min (gain)
(c) $80 \frac{80}{341}$ min (loss) (d) $80 \frac{80}{341}$ min (gain)

12. The minute hand of a clock overtakes the hour hand at intervals of 76 min of the correct time. How much does a clock gain or lose in a day?

- (a) $198 \frac{169}{209}$ min (loss) (b) $198 \frac{169}{209}$ min (gain)
(c) $199 \frac{169}{209}$ min (loss) (d) $199 \frac{169}{209}$ min (gain)



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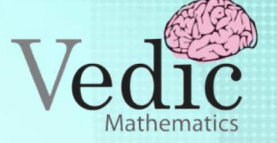
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13. In a class is college, a scheduled from 1:00 pm to 3:52 pm. If in this time duration, 4 lectures are held and before each lecture, there is gap of 4 min to go from one classroom to another, then find the time duration of each lecture.

[UPSSSC Excise Constable 2018]

- (a) 39 min (b) 40 min
(c) 41 min (d) 42 min

14. The priest told the devotees, 'the bell is rung at regular intervals of 45 min. The last bell was rung 5 min ago. The next bell is due to be rung at 7:45 am.

At what time did the priest give the information to be devotees?

- (a) 6 : 55 am (b) 7 : 00 am
(c) 7 : 05 am (d) 7 : 40 am

15. A bus for Delhi leaves every 30 min from a bus stand. An enquiry clerk, Rambabu told Shyamlal, a passenger that the bus has already left 10 min ago and the next bus will leave at 9:35 am. At what time did the enquiry clerk give this information to Shyamlal?

- (a) 9 : 15 am (b) 9 : 10 am
(c) 9 : 20 am (d) 9 : 05 am

16. Aseem leaves his house at 20 min to 7 in the morning, reaching Kaushal's house in 25 min, they finish their breakfast in another 5 min and leave for their office which takes another 35 min. At what time do they leave Kaushal's house to reach their office?

- (a) 7 : 55 am (b) 8 : 15 am
(c) 7 : 45 am (d) 7 : 20 am

17. Reaching the place of meeting 20 min before 8:50 h, Sujay found himself 30 min earlier than the person who came 40 min late. What was the scheduled time of meeting?

- (a) 8 : 09h (b) 8 : 05h
(c) 8 : 20h (d) 8 : 10h

