# Aptitude - Clock Online Quiz

Following quiz provides Multiple Choice Questions (MCQs) related to **Clock**. You will have to read all the given answers and click over the correct answer. If you are not sure about the answer then you can check the answer using **Show Answer** button. You can use **Next Quiz** button to check new set of questions in the quiz.


**Q 1 - The two hands of a clock will be together between h and (h+1) o'clock at**

A - (60/11)h minutes past h o' clock

B - (50/11)h minutes past h o' clock

C - (40/11)h minutes past h o' clock

D - (30/11)h minutes past h o' clock

## Answer : A

## Explanation

```
At h o' clock, the minutes hand is 5 h minute spaces
behind the hour hand.
The minute hand gains 55 min spaces in 60 mins.

∴ The minute hand will gain 5h minute spaces
in 60/55 * 5h = 60h/11 minutes.

∴ The two hands will be together between
'h' and 'h+1' o' clock at (60/11)h minutes h o' clock.
```

Hide Answer

**Q 2 - Find the time between 8 and 9 o' clock will the hands of a clock be in the same straight line but not together.**

A - 120/11 min to 9

B - 120/11 min past 8

C - 11 min past 8

D - None of these

## Answer : B

## Explanation

```
At 8 o? clock, the two hands are 20 min spaces apart.
To be in the same straight line but not together,
they will be 30 min spaces apart.
So, the minute hand will have to gain (30-20)
= 10 minute spaces over the hour hand.

= 60/55 * 10 = 120/11

∴The hands will be in the same straight line
but not together at 120 min past 8.
```

Hide Answer

**Q 3 - The minute hand of a clock overtakes the hour hand at interval of 65 minutes of the correct time. How much a day does the clock gain or lose?**

A - 10.20 minutes in 24 hours

B - 10.25 minutes in 24 hours

C - 10.23 minutes in 24 hours

D - None of these

## Answer : C

## Explanation

In a correct clock, the minute hand gains 55 min spaces
over the hour hand in 60 minutes.
To be together again, the minute hand must gain 60 minutes over the hour hand.

55 min are gained in 60 min
60 min are gained in (60/55)*60 = 720/11

But they are together after 65 min.
∴Gain in 65 min = (720/11 ? 65) = 5/11

Gain in 24 hours = [5/11 * (60*24)/65] min
= 440/43 min
= 10.23 minutes.

∴The clock gains 10.23 minutes in 24 hours.

Show Answer

**Q 4 - A clock is set comfortable Am. The check loses 16 minutes in 24 hours. What will be the genuine time when the clock shows 10 pm on fourth day?**

A - 11 pm

B - 12 pm

C - 11 am

D - 12 pm

**Answer : A**

## Explanation

```
Time from 5am on a day to 10 pm on fourth day= 89 hours
Presently 23hrs. 44min. of this clock= 24 hours of right clock.
∴ 356/15 hrs of this clock= (24*15/356*89) hrs. Of right clock.
= 90 hrs of right clock.
Along these lines, the right time is 11 pm.
```

Hide Answer

**Q 5 - A clock is begun at twelve. By 10 min. past 5, the hour hand has turned through:**

A - 145°

B - 150°

C - 155°

D - 160°

## Answer : C

## Explanation

```
Angle followed by hour hand in 12 hrs =360°
Point followed by hour hand in 5 hrs 10 min.
=31/6 = (360/12*31/6)°= 155°
```

Show Answer

**Q 6 - At what edge the hands of a clock are slanted at 15 min. past 5?**

A - 117°/2

B - 64°

C - 135°/2

D - 145°/2

**Answer : C**

**Explanation**

```
Angle followed by hour hand in 21/4 hrs.=(360/12*21/4)°315°/2
Edge followed by min. hand in 15 min. =(360/12*15)°= 90°
∴ Required edge = (315/2)°-90°= 135°/2
```

Hide Answer

**Q 7 - The reflex edge between the hands of a clock at 10.25 is:**

A - 180°

B - 385°/2

C - 195°

D - 395°/2

**Answer : D**

**Explanation**

```
Angle followed by hour hand in 125/12 hrs.=(360/12*125/12)°=625°/2
Edge followed by min. hand in 25 min. =(360/60*25°)= 150°
Reflex angle= 360°-(625/2-150)°= 360°-325°/2 = 395°/2
```

Show Answer

**Q 8 - What number times in a day, are the hands of a check in straight line however in bearing?**

A - 22

B - 24

C - 44

D - 48

**Answer : A**

**Explanation**

```
The hands of a check point in inverse headings 11 times in every 12 Hours.
(since somewhere around 5 and 7 they point in inverse headings at 6 o'clock just)
So in a day, the hands point in the inverse headings 22 times.
```

Hide Answer

**Q 9 - At what time, in moment, between 3 o'clock and 4 o'clock, both are unnecessary will match one another?**

A - 56/11 past 3

B - 136/11 past 3

C - 147/11 past 3

D - 180/11 past 3

## Answer : D

## Explanation

```
At 3 o'clock ,the moment hand is 15 min. spaces a section
Structure the hour hand. To be coincident,
it must pick up 15 min. spaces.
55 min. are picked up in 60 min.
15 min. are picked up in (60/55*15)min.=180/11 min.
∴ The hands are correspondent at 180/11 min. past 3.
```

Hide Answer

**Q 10 - A watch which pick up consistently is 2 minutes moderate at twelve on Monday What's more, is 4 min.48 sec quick at 2 p.m. on the next Monday. At the point when Is it true that it was right?**

A - 2 p.m on Tuesday

B - 2 p.m on Wednesday

C - 3 p.m on Thursday

D - 1 p.m on Friday

## Answer : B

## Explanation

```
Time structure 12 p.m. on Monday to 2 p.m. on the accompanying
Monday =7 days 2 hours =170 hours.
∴ The watch gains(2+24/5)min.
on the other hand 34/5 min. in 170 hrs.
Now,34/5 min. are picked up in 170 hrs.
∴ 2 min. are picked up in (170(5/34*2) hrs=50 hrs.
Along these lines, the watch is right 2 days 2 hour after 12 p.m. on
Monday i.e.it will be right at 2 p.m. on Wednesday.
```

Hide Answer