

**15. Clocks**

1. What is the angle between the hands of the clock at 4: 20?  
1)  $230^{\circ}$     2)  $10^{\circ}$     3)  $56^{\circ}$     4)  $110^{\circ}$     5) None of these
2. At what time between 4 and 3 O'clock will the hands of a clock be together?  
1)  $59\frac{1}{11}$  min    2)  $54\frac{1}{11}$  min    3)  $16\frac{4}{11}$  min    4)  $49\frac{1}{11}$  min    5) None of these
3. At what time between 6 and 7 will the hands be perpendicular?  
1)  $49\frac{1}{11}$  min    2)  $54\frac{1}{11}$  min    3)  $47\frac{1}{11}$  min    4)  $41\frac{1}{11}$  min    5) None of these
4. How many times are the hands of a clock at right angle in a day?  
1) 22    2) 24    3) 44    4) 48    5) None of these
5. A clock loses 5 minutes for every hour and another gain 5 minutes every hour. If they are set correct at 10 A.M. on Monday, then when will they be 12 hours apart?  
1) 10 A.M. on Friday    2) 10 A.M. on Thursday    3) 10 A.M. on Wednesday  
4) 10 A.M. on Tuesday    5) None of these
6. How much does a watch lose per day, if its hands coincide every 64 minutes?  
1)  $32\frac{8}{11}$  min.    2)  $36\frac{5}{11}$  min.    3) 90 min.    4) 96 min.    5) None of these
7. If the hands of a clock coincide every 65 minutes, how much time does the clock gain or loses in 12 hours?  
1)  $5\frac{5}{144}$  min.    2)  $5\frac{10}{143}$  min.    3)  $5\frac{5}{143}$  min.    4)  $4\frac{5}{143}$  min    5) None of these
8. How many times in a day the hands of a clock coincide?  
1) 20    2) 22    3) 24    4) 2    5) None of these
9. How many times in a day the hands of a clock are straight and in opposite direction?  
1) 24    2) 22    3) 6    4) 2    5) None of these

## Quantitative Aptitude-Workbook

10. What is the angle between the hands of the clock at 2:45?

- 1)287.5    2)160    3)187.5    4) 165.5    5) None of these

### Answers

1 - 2	2 - 3	3 - 1	4 - 3	5 - 2	6 - 1	7 - 3	8-2	9-2	10-3
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**16. Calendar****PART-A****Model 1**

1. Today is Tuesday. What day will it be after 46 days?



- 1) Monday      2) Tuesday      3) Thursday      4) Saturday      5) Sunday

2. Today is Wednesday. What day will it be on 65<sup>th</sup> day from today?

- 1) Monday      2) Tuesday      3) Wednesday      4) Thursday      5) Friday

3. Today is Monday. What day will it be on 59<sup>th</sup> day from today?

- 1) Monday      2) Wednesday      3) Thursday      4) Friday      5) Tuesday

4. Today is Monday. After 61 days, it will be?

- 1) Wednesday      2) Saturday      3) Monday      4) Friday      5) Tuesday

5. On what dates of May 2003, did Friday fall?



- 1) 2,9,16,23,30      2) 1,8,15,22,29      3) 4,11,18,25      4) 3,10,17,24,31

5) None of these

6. On what dates of April, 2001 did Wednesday fall?

- 1) 1,8,15,22,29      2) 2,9,16,23,30      3) 4,11,18,25      4) 3,10,17,24,31

5) None of these

7. If 11<sup>th</sup> September, 1989 was Monday, what was the day of the week on 4<sup>th</sup> November, 1995?



- 1) Friday      2) Saturday      3) Wednesday      4) Monday      5) None of these

8. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

- 1) Saturday      2) Friday      3) Wednesday      4) Sunday      5) None of these

9. If 16<sup>th</sup> April 2005 was Wednesday, What day of the week was 16<sup>th</sup> April 2004?

- 1) Monday      2) Tuesday      3) Wednesday      4) Friday      5) None of these

10. On 8<sup>th</sup> Feb, 2005 it was Tuesday. What was the day of the week on 8<sup>th</sup> Feb, 2004?

- 1) Tuesday      2) Monday      3) Sunday      4) Wednesday      5) None of these

11. Which year after the year 2011 will have exactly the same calendar as that of 2011?

- 1) 2016                      2) 2020                      3) 2021                      4) 2022                      5) 2015

**Model 2**

12. Which day of the week was 15<sup>th</sup> August 1947?



- 1) Saturday                      2) Sunday                      3) Friday                      4) Monday                      5) None

13. Which day of the week was 1<sup>st</sup> May 1988?



- 1) Sunday                      2) Saturday                      3) Friday                      4) Wednesday                      5) None

14. What day of the week was 18<sup>th</sup> February 1348?



- 1) Sunday                      2) Monday                      3) Tuesday                      4) Thursday                      5) Saturday

15. What was the day of the week on 23<sup>rd</sup> May, 1992

- 1) Monday                      2) Tuesday                      3) Thursday                      4) Saturday                      5) None of these

16. What was the day of the week on 17<sup>th</sup> June, 1998?

- 1) Wednesday                      2) Monday                      3) Tuesday                      4) Thursday                      5) None

17. What day of the week will be 8<sup>th</sup> June 2215?



- 1) Tuesday                      2) Thursday                      3) Sunday                      4) Friday                      5) Monday

18. The last day of a century cannot be

- 1) Monday                      2) Wednesday                      3) Friday                      4) Tuesday                      5) None of these

19. Which of the following is not a leap year?

- 1) 700                      2) 800                      3) 1200                      4) 2000                      5) None of these

20. What was the day of the week 14<sup>th</sup> July 1909?

- 1) Monday                      2) Tuesday                      3) Thursday                      4) Friday                      5) Wednesday

**Answers:**

1 - 4	2 - 5	3 - 3	4 - 2	5 - 1	6 - 3	7 - 2	8 - 2	9 - 2	10 - 3
11 - 3	12 - 3	13 - 1	14 - 1	15 - 4	16 - 1	17 - 2	18 - 4	19 - 1	20 - 5

**PART-B**

1. How many days are there in  $x$  weeks  $x$  days?  
1)  $7x^2$       2)  $8x$       3)  $14x$       4) 7      5) None of these
2. Which of the following cannot be the last day of the century?  
1) Monday   2) Wednesday   3) Tuesday   4) Friday   5) None of these
3. What is the day on 1<sup>st</sup> January 1901?  
1) Monday   2) Wednesday   3) Sunday   4) Tuesday   5) None of these
4. It was Sunday on January 1, 2006. What was the day of the week on January 1, 2010?  
1) Sunday   2) Saturday   3) Friday   4) Wednesday   5) None of these
5. Which year after 1990 will have exactly the same calendar as that of 1990?  
1) 1995   2) 1996   3) 1997   4) 1998   5) None of these

**Answers:**

1 - 4	2 - 3	3 - 5	4 - 3	5 - 4
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