

**EXERCISE**

1. What is the angle between the two hands of a clock when the time shown by the clock is 5.30 p.m.?
  - $20^\circ$
  - $50^\circ$
  - $90^\circ$
  - $15^\circ$
  - None of these
2. A watch, which loses time uniformly, was observed to be 5 minutes fast at 8.00 p.m. on Thursday. It was noticed to be 7 minutes slow at 8.00 a.m. on the subsequent Monday. When did the watch show the correct time?
  - 7 a.m. Saturday
  - 7 a.m. on Sunday
  - 10 a.m. on Sunday
  - 11 a.m. on Friday
  - None of these
3. By how many degrees does the hour hand lag behind the minute hand in a span of 42 minutes, if initially they are at the same position?
  - $233^\circ$
  - $230^\circ$
  - $231^\circ$
  - $250^\circ$
  - None of these
4. If today is Thursday, after 730 days, which will be the day of the week?
  - Thursday
  - Friday
  - Saturday
  - Monday
  - None of these
5. The last day of a century cannot be:
  - Monday
  - Wednesday
  - Friday
  - Saturday
  - None of these
6. What will be the angle between hands of a clock at 7:40?
  - $15^\circ$
  - $10^\circ$
  - $20^\circ$
  - $25^\circ$
  - None of these
7. What will be the angle between the hands of a clock at 3:07?
  - $51^\circ$
  - $51\frac{1}{2}^\circ$
  - $52\frac{1}{2}^\circ$
  - $55\frac{1}{2}^\circ$
  - None of these
8. At what time between 2 & 3 O'clock the hands of a clock will be coincide?
  - $2 : 5 \frac{5}{11}$
  - $2 : 10 \frac{10}{11}$
  - $2 : 19 \frac{1}{11}$
  - $2 : 25 \frac{5}{11}$
  - None of these
9. At what time between 9 & 10 O'clock the hands of a clock will be in opposite direction?
  - $9 : 10 \frac{10}{11}$
  - $9 : 5 \frac{5}{11}$
  - $9 : 18 \frac{5}{11}$
  - $81\frac{4}{11}$
  - None of these
10. How many times hands of clock will be at right angle in 3 days?
  - 198 times
  - 66 times
  - 132 times
  - 144 times
  - None of these
11. How many times hands of a clock will be in opposite direction in 2 days?
  - 66 times
  - 48 times
  - 44 times
  - 96 times
  - None of these
12. Which day of week was on 30<sup>th</sup> June 1996?
  - Sunday
  - Monday
  - Tuesday
  - Wednesday
  - None of these
13. Which day of week was on 17<sup>th</sup> April 2008?
  - Sunday
  - Monday
  - Thursday
  - Wednesday
  - None of these
14. If 19<sup>th</sup> March 1992 was Monday then which day of the week on 7<sup>th</sup> April 1999?
  - Monday
  - Tuesday
  - Wednesday
  - Thursday
  - None of these
15. If find number of days from 18<sup>th</sup> Jan to 27<sup>th</sup> March?
  - 69
  - 68
  - 67
  - can't be determined
  - None of these
16. Find the number of days from 29<sup>th</sup> June to 18<sup>th</sup> September?
  - 81
  - 82
  - 80
  - can't be determined
  - None of these
17. If 14 November 1999 was Wednesday then which day of week was on 14<sup>th</sup> February 2003?
  - Wednesday
  - Thursday
  - Friday
  - Saturday
  - None of these
18. In a clock the time is 9:48 then what will be time if we see that clock in mirror?
  - 3 : 12
  - 3 : 15
  - 3 : 48
  - 2 : 52
  - None of these
19. What will be angle between hands of clock at 8 : 35.
  - $47\frac{1}{2}^\circ$
  - $87\frac{1}{2}^\circ$
  - $25\frac{1}{2}^\circ$
  - $105\frac{1}{2}^\circ$
  - None of these
20. If today is Monday then what will be the day of week after 49 days?
  - Friday
  - Saturday
  - Sunday
  - Monday
  - None of these
21. If 19 Jan was Tuesday then which day of the week will be on 19<sup>th</sup> March?
  - Saturday
  - Friday
  - Sunday
  - A or B
  - Can't be determine

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22. ~~What~~ 1997 which year has the same calendar as year 1997?  
(a) 1999      (b) 2003      (c) 2007  
(d) can't be determine      (e) None

23. In mirror a clock shows the time 5:18 then what will be the actual time?  
(a) 7 : 42      (b) 6 : 42      (c) 11 : 18  
(d) 10 : 18      (e) None of these

24. At a time minute hand is at 25 and the difference between minute and hour hand is  $47\frac{1}{2}^{\circ}$  then what would be time  
(a) 1: 25      (b) 2 : 25      (c) 3 : 25  
(d) 4 : 25      (e) None of these

25. What will be the angle between hands of a clock at 2:38?  
(a)  $210^{\circ}$       (b)  $150^{\circ}$       (c)  $175^{\circ}$   
(d)  $185^{\circ}$       (e) None of these

26. At 9 O' Clock, the hour hand points towards south. then in which direction will the minute hand point at 7:30 pm.  
(a) North      (b) South      (c) South East  
(d) East      (e) None of these

27. In which day of the week did India got its independence.  
(a) Monday      (b) Sunday      (c) Friday  
(d) Saturday      (e) None of these

28. If on 13 Jan 2012 its was Friday then what day will be on 17 June 2012.  
(a) Sunday      (b) Monday      (c) Wednesday  
(d) Tuesday      (e) None of these

29. If there are 5 Monday in June month of a year then what day of the week will be on 1 June.  
(a) Saturday      (b) Sunday      (c) Friday  
(d) Tuesday      (e) None of these

30. It on 25 Dec. it was Sunday then which month of that year will have Sunday on 25<sup>th</sup>.  
(a) October      (b) November      (c) September  
(d) January      (e) None of these

31. Which of the following year have 29 days in February?  
(a) 1978      (b) 1900      (c) 1834  
(d) 2010      (e) None of these

32. What day of the week will be on 13 Jan 2013.  
(a) Sunday      (b) Monday      (c) Tuesday  
(d) Saturday      (e) None of these

33. Aniket was born on 24 October 2010 what will be the day of week when he will be of 18 years.  
(a) Sunday      (b) Monday      (c) Tuesday  
(d) Saturday      (e) None of these

34. Yashi was born on 03 July 1981. It was Friday, which day of week will she be of 13 years 5 months 18 days.  
(a) Tuesday      (b) Thursday      (c) Friday  
(d) Wednesday      (e) None of these
35. Which month begins and ends on the same day of the week.  
(a) February      (b) April  
(c) Dec. of the year      (d) Feb. of the leap year  
(e) None
36. What was the day on 26<sup>th</sup> January 2012, when 63<sup>rd</sup> Republic Day of India was celebrated?  
(a) Wednesday      (b) Saturday      (c) Thursday  
(d) Friday      (e) None of these
37. What is the number of odd days in a leap year ?  
(a) 2      (b) 1      (c) 3  
(d) 4      (e) None of these
38. What was the day on 1<sup>st</sup> January 1905 ?  
(a) Monday      (b) Saturday      (c) Tuesday  
(d) Sunday      (e) None of these
39. What was the day on 31<sup>st</sup> October 1990 ?  
(a) Friday      (b) Wednesday      (c) Thursday  
(d) Monday      (e) None of these
40. What was the day on 14<sup>th</sup> March, 1995 ?  
(a) Friday      (b) Thursday      (c) Sunday  
(d) Tuesday      (e) None of these
41. If 11<sup>th</sup> March 1979 is a Monday, what would have been the day of the week on 11<sup>th</sup> March 1942 ?  
(a) Sunday      (b) Tuesday      (c) Monday  
(d) Thursday      (e) None of these
42. A man interested in going from Delhi to Agra enquires at the railway counter. He told that the first train Delhi Mail goes at 7:00 am, the next train goes after 1.5 hours, another after another 1.5 hours, the next train after 2 more hours and the last train 3 hours after the second last train. At what time would the second last train leave for Agra?  
(a) 12:00 am      (b) 3:00 pm      (c) 11:00 pm  
(d) 11:00 pm      (e) None of these
43. Calculate the number of days between the 26<sup>th</sup> January to 15<sup>th</sup> August.  
(a) 240      (b) 235      (c) 238  
(d) Can't be determined      (e) None of these
44. The train for Bhopal from Indore leaves every three hours. An announcement was made that the last train had left 1 hour ago and the next train for Bhopal would leave at 8:30 pm. At what time was this announcement made?  
(a) 5:30 pm      (b) 7:30 pm      (b) 4:30 pm  
(d) 6:30 pm      (e) None of these