

18PDM301L – Analytical and Logical Thinking Skills

Work sheet - CLOCKS AND CALENDARS

1. What is the angle between the hour hand and the minute hand at 12:30?
a)180° b)160° c)165° d)190°
2. What is the time as it appears on the mirror image of a clock if it shows 2:45 now?
a)9:15 b)10:15 c)9:55 d)10:55
3. At what time will the hour hand and the minute hand meet for the fourth time after 12 noon?
a) 4:21 9/11 b)4:21 c)4:20 d)4:20 9/11
4. What is the time shown by a clock when minute hand is exactly at 6?
a) 6:30 b)12:30 c)3:30 d)Cannot be determined
5. What is the time shown by a clock when hour hand is exactly at 6?
a) 6:30 b)6:00 c)6:15 d)Cannot be determined
6. A wall clock takes 30 seconds to strike 6 O'clock. How much seconds will it take to strike 9 O'clock?
a) 45 b)54 c)48 d)50
7. A clock was 7 minutes behind the correct time at 11 am on Sunday. It gains time uniformly and was 5 minutes fast at 11 am on Monday. At what time did the clock shows the correct time?
a) 6 am Monday b)6 pm Sunday c)1 am Monday d)4 pm Monday
8. By how many degrees does the minute hand move by the time hour hand moves by 10° ?
a)100° b)120° c)60° d)30°
9. At what time between 2 'O' clock and 3 'O' clock are the hour hand and minute hand exactly opposite to each other?
a) 2:43 7/11 b)2:52 9/11 c)2:40 d)None of these
10. The minute hand overtakes the hour hand every 64 minutes of the correct time. How many minutes does the clock gain/lose in one hour?
a)1 4/11 min gain b)1 4/11 min lose c)1 5/11 min gain d)1 5/11 min lose
11. There are two clocks which are set to correct time on Monday at 1 pm. The first clock gains 2 ½ minutes every hour while the second clock loses 1 ½ minutes every hour When will they be 1 hour apart?
a) Tuesday 4 am b) Tuesday 3 am c) Monday 9 pm d) Monday 5 pm
12. If January 21st of a year is a Wednesday, which day of the week is March 21st of that year?
a) Monday b) Tuesday c) Wednesday d) Cannot be determined
13. If January 1, 2012 is Sunday then which month has the calendar month of January that year?
a) July b) August c) June d) September
14. Which year has the same calendar year as 2009?
a) 2016 b) 2018 c) 2015 d) 2017
15. If a year starts and ends on the same day of the week, then
a) It is a leap year b) It is not a leap year c) Nothing can be said d) None of the above
16. What is the day of April 2, 2011?
a) Sunday b) Saturday c) Friday d) Thursday
17. The last day of a century cannot be ---
a) Tue, Thu and Sat b) Thu, Fri, Sat c) Mon, Wed, Thu d) Fri, Sat, Sun
18. Jan 1, 1900 is _____
a) Monday b) Saturday c) Friday d) Thursday
19. August 15, 1947 falls on which day?
a) Saturday b) Friday c) Thursday d) Tuesday
20. In the year 1601, March 30 is a Friday which day is March 30, 2001?
a) Saturday b) Friday c) Thursday d) Sunday