11. A software engineer has the capability of thinking 100 lines of code in five minutes and can type 100 lines of code in 10 minutes. He takes a break for five minutes after every ten minutes. How many lines of code will he complete typing after an hour?

a)250 b)220 c)150 d)200

12. A monkey starts climbing up a tree 20ft. tall. Each hour, it hops 3ft. and slips back 2ft. How much time would it take the monkey to reach the top?

a) 21 hours b) 12 hours c) 18 hours d) 15 hours

13.If a light flashes every 6 seconds, how many times will it flash in ¾ of an hour?

a) 450 b) 451 c) 350 d) 425

14. Which of the following statements is not correct?

A. log10 10 = 1
B. log (2 + 3) = log (2 x 3)
C. log10 1 = 0
D. log (1 + 2 + 3) = log 1 + log 2 + log

15. If log 2 = 0.3010 and log 3 = 0.4771, the value of log5 512 is:

A. 2.870
B. 2.967
C. 3.876
D. 3.912

16. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

A. Rs. 375
B. Rs. 400
C. Rs. 600
D. Rs. 800

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

A. Sunday
B. Saturday
C. Friday
D. Wednesday

18. Robert is travelling on his cycle and has calculated to reach point A at 2 P.M. if he travels at 10 kmph, he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.?

A. 8 kmph
B. 11 kmph
C. 12 kmph
D. 14 kmph

19. 10 women can complete a work in 7 days and 10 children take 14 days to complete the work. How many days will 5 women and 10 children take to complete the work?

A. 3
B. 5
C. 7
D. Cannot be determined
E. None of these

20. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

A. 120 m
B. 240 m
C. 300 m
D. None of these