

Aptitude Test

Q1. What is the unit digit in 7^{105} ?

- A. 1
- B. 5
- C. 7
- D. 9

Q2. $7589 - ? = 3434$

- A. 4242
- B. 4155
- C. 1123
- D. 11023

Q3. $3251 + 587 + 369 - ? = 3007$

- A. 1250
- B. 1300
- C. 1375
- D. 1200
- E. None of these

Q4. $9\frac{3}{4} + 7\frac{2}{17} - 9\frac{1}{15} = ?$

- A. $7\frac{719}{1020}$
- B. $9\frac{817}{1020}$
- C. $9\frac{719}{1020}$
- D. $7\frac{817}{1020}$

Q5. $-84 * 29 + 365 = ?$

- A. 2436
- B. 2801
- C. -2801
- D. -2071

Q6. Which one of the following numbers is completely divisible by 45?

- A. 181560
- B. 331145
- C. 202860
- D. 2033550
- E. None of these

Q7. If the number $42573 *$ is exactly divisible by 72, then the minimum value of $*$ is

- A. 4
- B. 5
- C. 6
- D. 7
- E. 8

Q8. How many terms are there in the G.P. 3, 6, 12, 24, . . . , 384 ?

- A. 8
- B. 9
- C. 10
- D. 11
- E. 7

Q9. A number when divided by 296 leaves 75 as remainder. When the same number is divided by 37, the remainder will be

- A. 1
- B. 2
- C. 8
- D. 11

Q10. The L.C.M of 22, 54, 108, 135 and 198 is

- A. 330
- B. 1980
- C. 5940
- D. 11880

Q11. 218% of 1674 = ? * 1800

- A. 0.5
- B. 4
- C. 6
- D. None of these

Q12. 5 out of 2250 parts of each is sulphur. What is the percentage of sulphur in earth?

- A. $\frac{11}{50}$
- B. $\frac{2}{9}$
- C. $\frac{1}{45}$
- D. $\frac{2}{45}$

Q13. Two ships are sailing in the sea on the two sides of a lighthouse. The angle of elevation of the top of the lighthouse is observed from the ships are 30° and 45° respectively. If the lighthouse is 100 m high, the distance between the two ships is:

- A. 300 m
- B. 173 m
- C. 273 m
- D. 200 m

Q14. A man standing at a point P is watching the top of a tower, which makes an angle of elevation of 30° with the man's eye. The man walks some distance towards the tower to watch its top and the angle of the elevation becomes 45° . What is the distance between the base of the tower and the point P?

- A. 9 units
- B.
- C. Data inadequate
- D. 12 units

Q15. From a point P on a level ground, the angle of elevation of the top tower is 30° . If the tower is 200 m high, the distance of point P from the foot of the tower is:

- A. 346 m
- B. 400 m
- C. 312 m
- D. 298 m

Q16. The angle of elevation of the sun, when the length of the shadow of a tree is equal to the height of the tree, is:

- A. 30°
- B. 60°
- C. 45°
- D. None of these

Q17. What day of the week does May 28 2006 fall on?

- A. Saturday
- B. Monday
- C. Sunday
- D. Thursday

Q18. What will be the day of the week 15th August, 2010?

- A. Thursday
- B. Sunday
- C. Monday
- D. Saturday

Q19. Today is Monday. After 61 days, it will be

- A. Thursday
- B. Sunday
- C. Monday
- D. Saturday

Q20. On what dates of April, 2001 did Wednesday fall?

- A. 2nd, 9th, 16th, 23rd
- B. 4th, 11th, 18th, 25th
- C. 3rd, 10th, 17th, 24th
- D. 1st, 8th, 15th, 22nd, 29th

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