

Examrace

General Studies: Important for Exam: Numerical Aptitude Part 3

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21. $?7744 = ?$

- (A) 88
- (B) 62
- (C) 58
- (D) 78
- (E) None of these

22. $35\% \text{ of } ? = 242$

- (A) 729
- (B) 652
- (C) 693
- (D) 759
- (E) None of these

23. $1256 + 4813 + 765 = ?$

- (A) 5642
- (B) 5876
- (C) 6788
- (D) 6878
- (E) None of these

24. $22x^4 + (?)^2 = (13)^2 ?$

- (A) 81
- (B) 9
- (C) 27
- (D) 64

(E) None of these

25. $432 + 2170 + 35 = ?$

(A) 494

(B) 475

(C) 481

(D) 469

(E) None of these

26. Three numbers are in the ratio of 3 : 4 : 5 , respectively. If the sum of the first and third numbers is more than the second number by 52, then which will be the largest number?

(A) 65

(B) 52

(C) 79

(D) 63

(E) None of these

27. The compound interest on a certain amount for 2 years at the rate of 8 p.c.p.a. is Rs. 312 . What will be the simple interest on the same amount and at the same rate and same time?

(A) Rs. 349.92

(B) Rs. 300

(C) Rs. 358.92

(D) Rs. 400

(E) None of these

28. The length of a rectangle exceeds its breadth by 7 CMS . If the length is decreased by 4 cm . and the breadth is increased by 3 CMS . , then the area of the new rectangle will be the same as the area of the original rectangle. What will be the perimeter of the original rectangle?

(A) 45 CMS .

(B) 40 CMS .

(C) 50 CMS .

(D) 55 CM S.

(E) None of these

29. The sum of the digits of a two-digit number is 12 . If the new number formed by reversing the digits is greater than the original number by 54 , then what will be the original number?

(A) 28

(B) 48

(C) 39

(D) 93

(E) None of these

30. In a fraction, twice the numerator is two more than the denominator. If 3 is added to the numerator and the denominator each, then the resultant fraction will be $\frac{2}{3}$.What was the original fraction ?

(A) $\frac{5}{18}$

(B) $\frac{6}{13}$

(C) $\frac{13}{6}$

(D) $\frac{7}{12}$

(E) None of these

31. Four-fifth of a number is 10 more than two-third of the same number. What is the number?

(A) 70

(B) 75

(C) 69

(D) 85

(E) None of these