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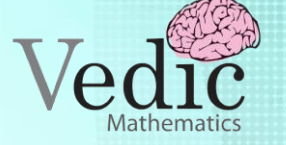
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Vedic Mathematics

Dear Aspirants,

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GENERAL ENGLISH

Topic Name - Antonym

1. The moment when jadish got order of promotion, as General Manager, was a memorable occasion for him and his family.

A. passing

B. immemorial

C. forgetful

D. innocuous

2. We had a delectable meal yesterday.

A. heavy

B. unsavory

C. tasty

D. nice

3. Harish displays enthusiasm whenever he is posed with a problem.

A. eagerness

B. Weakness

C. indifference

D. softness

4. I was surprised at his stiff attitude.

A. courteous

B. flexible

C. soft

D. lively

5. It was done in a haphazard manner.

A. planned

B. excellent

C. extraordinary

D. designed

6. He abandoned his family.

A. supported

B. discouraged

C. pleased

D. saved

7. In a literary work obscurity can be a virtue.

A. clarity

B. precision

C. definiteness

D. specificity

8. It was universally characterized as a progressive measure.

A. regressive

B. obstructive

C. growing

D. abhorrent

9. Mala was often teased as corpulent by her friends.

A. fat

B. belligerent

C. garrulous

D. gaunt

10. His vindictive nature often came up for comment among his friends.

A. forgetful

B. forgiving

C. obedient

D. timid

GEOGRAPHY

Topic Name – Agriculture and Allied Sector

11. Which one of the followings is not a part of land reforms in India?

(a) Abolition of Zamindari system

(b) Ceiling on land holdings

(c) Tenancy reforms

(d) Multiple-cropping scheme

12. Which of the following measures have been taken to make the agrarian structure conducive to agricultural growth?

(a) Abolition of Intermediaries

(b) Tenancy reforms

(c) Ceiling on land holdings

(d) All of the above

13. With reference to the measures of tenancy reforms in India, which of the statements is/are correct?

1. Regulation of rent

2. Security of tenure

3. Conferment of ownership on tenants

Select the correct answer using codes given below :

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

14. The size of marginal landholding in India is :
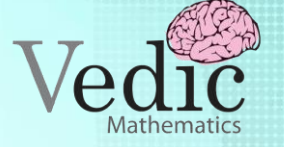
(a) more than 5 hectares

(b) 2 hectares to 4 hectares

(c) 1 hectare to 2 hectares

(d) less than 1 hectare

(e) None of the above/More than one of the above

15. The size of marginal landholdings in India is :

(a) More than 5 hectares

(b) 2 hectares to 4 hectares

(c) 1 hectare to 2 hectares

(d) Less than 1 hectare

16. A farmer, which has land holding between 1 to 2 hectares is known as :

(a) Marginal Farmer

(b) Big Farmer

(c) Medium Farmer

(d) Small Farmer

17. The average size of landholdings in Bihar in comparison with other States is :

(a) lowest

(b) second lowest

(c) highest

(d) second highest

(e) None of the above/More than one of the above

18. The most critical stage for irrigation in wheat is :

(a) C.R.I. stage

(b) Tillering stage

(c) Booting stage

(d) Jointing stage

19. Which of the followings is the effective reason of slow agricultural development in India?

(a) Rural Poverty

(b) Urban Poverty

(c) Skilled Labour

(d) Migration from cities to villages

20. Which of the following is the largest vegetable-producing country in the world?

(a) China

(b) U.S.A.

(c) India

(d) Brazil

QUANTITATIVE APTITUDE

Topic Name - LCM and HCF

21. 4 Bells toll together at 11:00 A.M. They toll after the interval of 7, 8, 10 and 18 seconds respectively. How many times will they toll together again in the next 4 hours?

(A) 3

(B) 4

(C) 5

(D) 6

22. The HCF of 1236, 2568 and a third number 'x' is 12. If their LCM is $2^3 × 3^2 × 5^1 × 103 × 107$, then the number 'x' is:

(A) $2^2 × 3^2 × 7^1$

(B) $2^2 × 3^3 × 10^3$

(C) $2^2 × 3^2 × 5^1$

(D) $2^4 × 3^5 × 5^5$
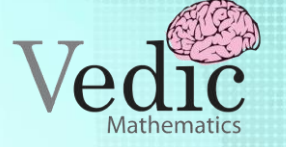
23. Find the HCF of $(2^{55} - 1)$ and $(2^{45} - 1)$.

(A) 63

(B) 31

(C) 32

(D) 64

24. The LCM of two multiples of 13 is 1716. If one of the number is 156, the other number is:

(A) 140

(B) 143

(C) 160

(D) 171

25. If 4327, 4514 and 4888 are divided by the greatest number N, then the remainder in each case is the same. The sum of the digits of N is:

(A) 14

(B) 9

(C) 18

(D) 16

26. Find the smallest number of 6 digit which when divided by 3, 4, 5 and 6, gives remainder 2?

(A) 100022

(B) 100034

(C) 100043

(D) 100002

27. The H.C.F. and L.C.M. of two numbers are 35 and 840 respectively. If the ratio the two numbers is 3 : 8, then the smaller of the two numbers is

(A) 35

(B) 280

(C) 105

(D) 210

28. The LCM of two numbers is 9 times their HCF. The sum of the HCF and LCM is 330. If one of the number is 81, then the other number is

(A) 139

(B) 117

(C) 121

(D) 132

29. The greatest 4-digit number exactly divisible by 20, 24 and 30 is

(A) 9960

(B) 9980

(C) 9984

(D) 9975

30. The product of two 2-digit numbers is 2366 and their H.C.F. is 13. The numbers are

(A) (39, 65)

(B) (26, 91)

(C) (52, 91)

(D) (52, 78)

REASONING –

Topic Name – Analogy

31. Select the option that is related to the third number in the same way as the second number is related to the first number.

4 : 62 : : 7 : ?

(A) 341
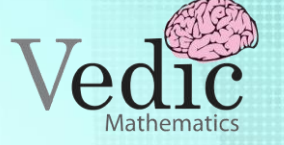
(B) 378

(C) 366

(D) 312

32. Select the option that is related to the third number in the same way as the second number is related to the first number.

32 : 25 : : 21 : ?

(A) 32

(B) 9

(C) 11

(D) 15

33. Select the option that is related to the third number in the same way as the second number is related to the first number.

121 : 169 : : 225 : ?

(A) 312

(B) 289

(C) 270

(D) 256

34. Select the option that is related to the third number in the same way as the second number is related to the first number.

729 : 512 : : 343 : ?

(A) 225

(B) 256

(C) 216

(D) 230

35. Select the option that is related to the third number in the same way as the second number is related to the first number.

43: 47 : : 67 : ?

(A) 90

(B) 35

(C) 45

(D) 71

36. Select the option that is related to the third number in the same way as the second number is related to the first number.

89 : 83 : : 19 : ?

(A) 15

(B) 21

(C) 17

(D) 25

37. Select the option that is related to the third number in the same way as the second number is related to the first number.

$$\frac{1}{81} : \frac{1}{729} : : \frac{1}{64} : ?$$

(A) $\frac{1}{512}$

(B) $\frac{1}{455}$

(C) $\frac{1}{345}$

(D) $\frac{1}{555}$

38. Select the option that is related to the third number in the same way as the second number is related to the first number.

1728 : 18 : : 1331 : ?
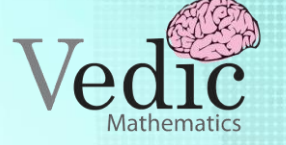
(A) 11

(B) 6

(C) 8

(D) 13

39. Select the option that is related to the third number in the same way as the second number is related to the first number.

52 : 49 : : 72 : ?

(A) 81

(B) 67

(C) 55

(D) 98

40. Select the option that is related to the third number in the same way as the second number is related to the first number.
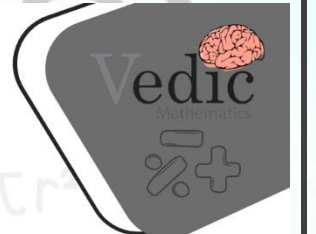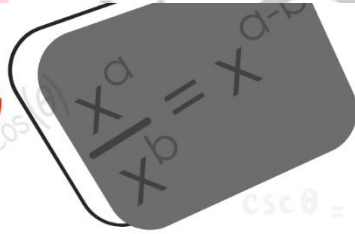
4 : 62 : : 7 : ?

(A) 790

(B) 512

(C) 720

(D) 689