

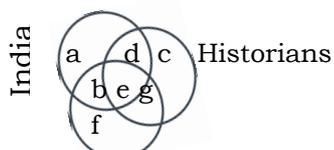
1. What is the plural form of matrix? a) matrixs b) matrices c) matrixes d) matrixeis
2. Give the plural form of terminus. a) termini b) terminusis c) terminuses d) terminii
3. The chief guest distributed the prizes.
a) gave off b) gave back c) gave away d) gave out
4. Nowhere could I find my lost pen.
a) I could not find my pen b) I could not find my lost pen
c) Everywhere I could not find my lost pen d) I could find my pen
5. The price is too high for an old car”
a) If the car is old the price will below b) If the car is old the price is less
c) The car is old and the price is least d) Though the car is old, the price is high
6. Stephen drives ____ Rafi. a) as rash as b) rashest as c) rash as d) rasher than
7. The fruits aren't good, _____? a) do they b) are they c) have they d) ain't they
8. If you had obeyed your teacher, you _____ the problem.
a) had solved b) would have solved c) has solved d) will solve
9. You _____ be punctual. a) can b) may c) must d) might
10. The flying object _____ not be a bird.
a) may b) could c) would d) will
11. _____ his poverty, Raj helps others.
a) In spite of b) Owing to c) Due to d) Despite of
12. _____ Aurangzeb was a king, he led a simple life.
a) Yet b) Eventhough c) because of d) As
13. Madhan really likes correcting her English.
a) gets pleasure b) inpleasure of c) unpleasure of d) takes pleasure in
14. Select the correct 'active form' for the below sentence:
The car will be cleaned later.
a) Somebody will clean the car later b) Somebody shall be cleaning the car
c) Somebody later is going to clean the car d) Somebody must clean at later
15. What is the indirect speech of the given sentence.
Mithu said, 'Alas! I am sick'
a) Mithu said that he was sick b) Mithu exclaimed in sorrow that he was sick
c) Mithu said he was sick d) None of the above
16. The sum of the ages of three persons is 100 years. What will be the sum of their ages after 7 years. a) 115 b) 116 c) 117 d) 121
17. Find the smallest number by which 3645 must be divided so that it becomes a perfect square.
a) 6 b) 5 c) 4 d) 3
18. A man got a 20% increase in his salary. If his new salary is 1,44, 000 find his original salary. a) 1,20,000 b) 1,30,000 c) 1,40,000 d) 1,50,000
19. If $x:y=4:5$ find the value of $\frac{7x+3y}{7x-3y}$ a) $\frac{23}{3}$ b) $\frac{25}{7}$ c) $\frac{43}{3}$ d) $\frac{45}{7}$
20. Amit said "This girl is the wife of the grandson of my mother". How is Amit related to the girl.
a) Brother b) Father-in-law c) Husband d) Grandfather
21. In a coding system, TEACHER is coded as LMKJNMP, Then how will HEART be coded as
a) NMKPL b) NSTOL c) NTSLO d) NZTOL
22. Insert the arithmetical signs in the following numerical figure $963=27$
a) +, × b) -, + c) /, + d) +, /
23. Find the missing number 24,60,120, 210, _____.
a) 300 b) 336 c) 420 d) 525
24. Kiran is younger than Bineesh by 7 years and their ages are in the respective ratio of 7:9. How old is Kiran? a) 24 b) 29.5 c) 24.5 d) 23.5
25. What sum invested for 2 years at 12% compounded annually will grow to ₹4390.40?
a) ₹ 3500 b) ₹3875 c) ₹3800 d) ₹3700
26. Simplify: $4\frac{3}{4} + 5\frac{9}{8} - 7\frac{3}{4}$ a) 35 b) 25 c) 45 d) 55

27. The factors of $5t^2 - 125$ are _____. a) $(5t-3)(t-2)$ b) $5(t+2)(t-2)$ c) $5(t+5)(t-5)$ d) $5(t-5)^2$

28. If $(x/3) + 1 = (7/5)$ then the value of 'x' is _____.

- a) $22/5$ b) $-8/5$ c) $7/5$ d) 3

29. Point out the letter which represents. Indians and Historians but not politicians on the basis of these three circles?



- Politicians a) b b) d c) c d) e

30. Monday: December: : Thursday : _____.

- a) April b) August c) March d) January

31. If + means divide, X means minus, \div means multiply and - means plus, then find the value of $21 + 7 \div 7 - 4 \times 5$? a) 20 b) 10 c) 30 d) 40

32. The height of A and B are equal. C is shorter than A, D is shorter than E but taller than B. Who is the tallest of all? a) A b) D c) E d) B

33. 89% of 100 students are good in English. How many are not good in English?

- a) 25 b) 11 c) 24 d) 10

34. If $\frac{Z}{Z+15} = \frac{8}{125}$, then the value of Z is _____.

- a) $\frac{70}{3}$ b) $\frac{63}{4}$ c) $\frac{73}{4}$ d) $\frac{65}{4}$

35. The LCM of two numbers is 14 times their HCF. The sum of the LCM and the HCF is 600. If one number is 280, then the other number is _____.

- a) 40 b) 80 c) 60 d) 10

36. The term Candela is the fundamental unit of _____.

- a) Electric current b) Power c) Luminous intensity d) Temperature

37. Power of lens is +2D, then its focal length is _____.

- a) 0.5m b) 0.25m c) -0.5m d) -0.25m

38. Roentgen is used to measure _____.

- a) power b) impulse c) horse power d) radiation

39. A astronomical telescope produces _____ image.

- a) virtual b) erect c) inverted d) enlarged

40. The product of force and time gives out _____.

- a) apparent weight b) impulse c) moment d) momentum

41. A body of mass 50kg is moving with an acceleration of 20cms^{-2} . Calculate the force experience by it. a) 10N b) 20N c) 40N d) 50N

42. _____ results in the rotation of the body.

- a) force b) momentum c) couple d) inertia

43. 1 Newton = _____. a) 1 metre / 1 joule b) 1 joule / 1 metre

- c) 1 Kg / 1 joule d) 1 joule / 1kg

44. _____ is the portion of the wave with maximum density.

- a) Trough b) Frequency c) Amplitude d) Crest

45. One kilowatt hour is equal to _____.

- a) 3.6×10^9 J b) 3.6×10^{15} J c) 3.6×10^6 J d) 3.6×10^{12} J

46. The anode in a dry cell consists of _____.

- a) Copper b) Cadmium c) Zinc d) Nickel

47. If the molecular mass of a given substance is expressed in grams it is known as _____.

- a) Atomic mass unit b) Gram molecular mass
c) Gram atomic mass d) Gram atomic number

48. Which of the following will show "Tyndall effect"?

- a) Salt solution b) Sugar solution c) Milk d) Ink

49. The gas used for artificial fruit ripening of green fruit is _____.

- a) Acetylene b) Ethane c) Ethylene d) Methane

50. Which is the purest form of Iron?

- a) Cast iron b) Pig iron c) Wrought iron d) steel

