

1. \_\_\_\_\_ % of 21.6 is 64.8
- (A)  $33\frac{1}{3}$  (B)  $66\frac{2}{3}$   
(C) 300 (D) 200
2. 
$$\frac{(2.27)^3 + 3 \times (1.23)^2 \times (2.27) + 3 \times (2.27)^2 \times (1.23) + (1.23)^3}{(2.27 + 1.23)} = ?$$
- (A) 12.25 (B) 3.5  
(C) 42.875 (D) 15.625
3. The L.C.M. of squares of two numbers is 12544 and the H.C.F. of the squares is 4. If one of the numbers is 14, what is the other number ?
- (A) 13 (B) 16  
(C) 256 (D) 196
4. The ratio of number of men and women in a committee is 5:6. If the percentage increase in the number of men and women by 20% and 10% respectively, what will be the new ratio ?
- (A) 6:7 (B) 10:11  
(C) 9:10 (D) Cannot be determined.
5. Machines A and B working together can do a piece of work in 6 days. Only A can do it in 8 days. In how many days B alone could finish the work ?
- (A) 24 (B) 12  
(C) 16 (D) 20

6. A train 110 m long is running with a speed of 90 km/hr. In what time will it pass a boy who is running at 9 km/hr in the direction opposite to that in which the train is going ?
- (A) 6 sec (B) 8 sec  
(C) 5 sec (D) 4 sec
7. Volume of a cube with total surface area  $\frac{3}{2} \text{ m}^2$  is \_\_\_\_\_.
- (A)  $\frac{1}{4} \text{ m}^3$  (B)  $\frac{27}{8} \text{ m}^3$   
(C)  $\frac{1}{8} \text{ m}^3$  (D)  $\frac{9}{4} \text{ m}^3$
8. The angle between the minute hand and the hour hand of a clock when the time is 4:20 is
- (A)  $10^\circ$  (B)  $5^\circ$   
(C)  $0^\circ$  (D)  $8^\circ$
9. A man sold two mobile phones at ₹ 4,500 each. He sold one at a loss of 15% and the other at a gain of 15%. His loss or gain is \_\_\_\_\_.
- (A) 15% gain (B) 15% loss  
(C) 2.25% gain (D) 2.25% loss
10. John started from his home and walked 12 km. Then he took a right turn and walked 4 km. Then again, he took a right turn and walked 8 km and finally took another right turn and walked 1 km. How far is he from his home now ?
- (A) 25 km (B) 9 km  
(C) 5 km (D) 3 km

11.  $3 : 27 :: 11 : ?$   
 (A) 121 (B) 1221  
 (C) 1331 (D) 1441
12. In the following numbers, find the odd one out :  
 41, 43, 45, 47  
 (A) 41 (B) 43  
 (C) 45 (D) 47
13. A woman walks 40 metres to the east of her house, then turns left and goes another 20 metres. Then turning to the west goes again 10 metres and starts walking to her house. In which direction she is walking now ?  
 (A) North-East (B) North-West  
 (C) South-East (D) South-West
14. B, D, G, K, \_\_\_\_\_.  
 (A) R (B) M  
 (C) O (D) P
15. 2000 January 1<sup>st</sup> was Saturday. What was the day in 1900 January 1<sup>st</sup> ?  
 (A) Saturday (B) Sunday  
 (C) Monday (D) Tuesday
16. On arranging the words ; Physics, Philosophy, Philately, Physical Education, Physiology as in a dictionary, the last word will be :  
 (A) Physical Education (B) Physiology  
 (C) Philosophy (D) Physics
17. A is the brother of B. C is the sister of D. B is the son of C. How is A related to C ?  
 (A) Nephew (B) Son  
 (C) Brother (D) Father
18. Find the missing number :  
 37, 50, \_\_\_\_, 82, 101  
 (A) 63 (B) 64  
 (C) 65 (D) 66
19. A number, when divided by 5, leaves a remainder 3. When the square of the number is divided by 5, the remainder is :  
 (A) 3 (B) 4  
 (C) 0 (D) 1
20. If ALPHABET is coded as ZKOGZADS, then NUMERAL is coded as :  
 (A) MTLQZK (B) MTLQDZK  
 (C) MTQLDZK (D) MTDQLZK

21. How much quantity of  $\text{CO}_2$  reaches atmosphere, when 1 kg methane is burnt ?  
(A) 3.03 kg (B) 3.50 kg  
(C) 1.25 kg (D) 2.75 kg
22. The Hormone that regulates the rhythm of life is  
(A) Prolactin (B) Auxin  
(C) Cortisol (D) Melatonin
23. Speed of sound is higher in which of the following mediums ?  
(A) Liquids (B) Solids  
(C) Gases (D) All of these
24. In human 47 number of chromosomes ( $44 + \text{XXY}$ ) is resulted in  
(A) Klinefelter's Syndrome (B) Down Syndrome  
(C) Edward Syndrome (D) Turner's Syndrome
25. Which type of light waves/rays used in remote control and night vision camera ?  
(A) Ultraviolet (B) X-rays  
(C) Infrared (D) Microwaves
26. Archaeopteryx is a connecting link of the following animals :  
(A) Pisces and Amphibians (B) Reptiles and Aves  
(C) Aves and Mammals (D) Amphibians and Reptiles
27. Refrigeration is a process which  
(A) Kills bacteria (B) Inactivates the bacteria  
(C) Slows down the bacterial growth (D) Plasmolysis the bacteria
28. Reduction is addition of  
(A) Hydrogen (B) Water  
(C) Oxygen (D) Benzene
29. Father of mutation theory  
(A) Hugo De Vries (B) Gregor Mendel  
(C) Stanley Miller (D) Morgan
30. The frequency of ultrasound wave is typically  
(A) Above 20,000 kHz (B) Below 20 kHz  
(C) Above 20 kHz (D) Below 2 kHz

31. The National Farmer's Day is celebrated on  
(A) December 23 (B) November 20  
(C) November 12 (D) December 22
32. Which state in India set up Adhyatmik Vibhag (Spiritual department) ?  
(A) Uttar Pradesh (B) Madhya Pradesh  
(C) Assam (D) Gujarat
33. Which African country has declared the new political capital 'Gitega' ?  
(A) Burundi (B) Nigeria  
(C) Ethiopia (D) Namibia
34. India's first Music Museum to be set up at  
(A) Mysuru (B) Thiruvaiyaru  
(C) Uduppi (D) Varanasi
35. Who is the Chief Minister of Rajasthan ?  
(A) Biplav Dev (B) Vasundhara Raje Scindia  
(C) Kamal Nath (D) Ashok Gehlot
36. Who is the author of the book 'Changing India' ?  
(A) Ramnath Kovind (B) Venkaiya Naidu  
(C) Manmohan Singh (D) Arun Jaitley
37. Who won the National Award for Best Actress at the National Film Award 2018 ?  
(A) Sridevi (B) Dipika Padukone  
(C) Divya Dutta (D) Anushka Shetty
38. Who is the recipient of Nobel Prize for Economics for the year 2018 ?  
(A) James P. Allison (B) George Smith  
(C) Tasuku Honjo (D) Paul Romer
39. Who wrote 'Calcutta Chromosome' ?  
(A) Anita Nair (B) Vikram Seth  
(C) Shashi Tharoor (D) Amitav Ghosh
40. Which country has declared 2019 as year of Tolerance ?  
(A) Japan (B) France  
(C) UAE (D) Spain

41. The natural western boundary of the Indian Subcontinent :
- (A) The Hindukush mountain (B) Kanchenjunga  
(C) Gouri-Sankar (D) Nanga Parbat
42. The tributary of lost river Saraswati :
- (A) Beas (B) Ravi  
(C) Jhelum (D) Sutlej
43. Tsunami affected Kerala on
- (A) 26<sup>th</sup> December, 2005 (B) 26<sup>th</sup> December, 2004  
(C) 28<sup>th</sup> December, 2004 (D) 28<sup>th</sup> December, 2005
44. As part of globalisation cardamom was imported to India from which country ?
- (A) Sri Lanka (B) Malaysia  
(C) Vietnam (D) Gautemala
45. The longest serving governor of RBI :
- (A) Benegal Ram Rau (B) C.D. Desmukh  
(C) Manmohan Singh (D) C. Rangarajan
46. 65% of soils of Kerala
- (A) Red soil (B) Black soil  
(C) Acid saline (D) Laterite
47. Biological park in Kerala
- (A) Thattekkad (B) Agastya Mountain Region  
(C) Silent Valley (D) Chinnar
48. Not a feature of New Economic Policy
- (A) Privatisation (B) Liberalisation  
(C) Socialisation (D) Globalisation
49. Roof of the world
- (A) Pamir (B) Karakoram  
(C) Aksaichin (D) Godwin Austin
50. Programme introduced to alleviate poverty in urban areas
- (A) NRY (B) SGRY  
(C) SJSY (D) SJSRY
51. The population of India has been growing continuously and rapidly after which year ?
- (A) 1931 (B) 1926  
(C) 1885 (D) 1921

52. Not a feature of horizontal diversification of crops  
 (A) Value added products of low agricultural goods  
 (B) Cultivation of good variety of crops  
 (C) Mixed crop farming  
 (D) Cultivate more than one crop
53. Karve Committee is related to  
 (A) Public sector (B) Small scale industry  
 (C) Basic and heavy industry (D) Agriculture
54. The policy of the government to protect domestic industries from foreign competition during the planning period is known as  
 (A) Globalisation (B) Modernisation  
 (C) Import Substitution (D) Nationalisation
55. A stone image of Buddha discovered in Kerala from  
 (A) Kottayam (B) Karumadi  
 (C) Karakkal (D) Kallil
56. Name the hill station founded and settled by the British during the course of Gurkha War 1815-16.  
 (A) Shimla (B) Mount Abu  
 (C) Darjeeling (D) Nainital
57. F.W. Stevens designed which railway station in India ?  
 (A) Char Bagh, Lucknow (B) Dudhsagar, Goa  
 (C) Victoria Terminus, Bombay (D) Ghum, West Bengal
58. Oudh Kisan Sabha in 1920 organised by  
 (A) Jawaharlal Nehru (B) Baba Ramachandra  
 (C) Mahatma Gandhi (D) Alluri Sitaram Raja
59. Swaraj flag designed at the time of Swadeshi Movement :  
 (A) Motilal Nehru (B) Bal Gangadhar Tilak  
 (C) Devendranath Tagore (D) Gandhiji
60. 'Poduvaipu Era' commenced on  
 (A) 1330 (B) 1341  
 (C) 1342 (D) 1345

61. To whom a Governor address his resignation ?  
 (A) President (B) Prime Minister  
 (C) Chief Minister (D) Chief Justice of High Court
62. Largest Union Territory in India in area is  
 (A) Chandigarh (B) Lakshadweep  
 (C) Daman and Diu (D) Andaman and Nicobar Islands
63. The retirement age of Supreme Court Judges is  
 (A) 62 (B) 65  
 (C) 60 (D) 70
64. Choose the Central Service among the following :  
 (A) Indian Administrative Service (B) Indian Police Service  
 (C) Indian Railway Service (D) Sales Tax Officers
65. The Chairman and members of Union Public Service Commission are appointed by  
 (A) Prime Minister (B) President  
 (C) Governor (D) Chief Justice of Supreme Court
66. Identify the Constitutional Amendment through which a List of Fundamental Duties was inserted to Indian Constitution.  
 (A) 38<sup>th</sup> Amendment (B) 44<sup>th</sup> Amendment  
 (C) 52<sup>nd</sup> Amendment (D) 42<sup>nd</sup> Amendment
67. The Provision regarding the appointment and conditions of service of the Comptroller and Auditor General of India are laid down in  
 (A) Article - 148 (B) Article - 324  
 (C) Article - 74 (D) Article - 280
68. Directive Principles of State Policy are enumerated in  
 (A) Part III (B) Part II  
 (C) Part IV (D) Part IX
69. The Parliament of India consists of  
 (A) President and Prime Minister  
 (B) Rajya Sabha and Lok Sabha  
 (C) President, Rajya Sabha and Lok Sabha  
 (D) President, Prime Minister and Council of Ministers
70. The Charter of Fundamental Rights in Indian Constitution is adopted from the Constitution of  
 (A) America (B) Canada  
 (C) Britain (D) France



71. Fill in the blank :  
Creativity is a quality that \_\_\_\_\_ architect must possess.  
(A) an (B) a  
(C) all (D) the
72. Fill in the blank :  
The customers are quite pleased \_\_\_\_\_ the new product.  
(A) in (B) by  
(C) at (D) with
73. Choose the correct reported form of the following sentence :  
“Did you have your lunch ?”, Mother told the child.  
(A) Mother asked the child whether did he have his lunch.  
(B) Mother asked the child whether he had his lunch.  
(C) Mother asked the child whether did you have your lunch.  
(D) Mother asked the child whether you had your lunch.
74. The Panchayat is constructing a community hall in our ward.  
Choose the correct passive form of the above sentence.  
(A) A community hall is constructed in our ward.  
(B) A community hall has been being constructed in our ward.  
(C) A community hall is being constructed in our ward.  
(D) A community hall has been constructed in our ward.
75. “Intrepid” means  
(A) Brave (B) Cowardly  
(C) Wise (D) Foolish
76. ‘Ewe’ is a female \_\_\_\_\_  
(A) elephant (B) parrot  
(C) sheep (D) boar
77. Replace the underlined word with one which is OPPOSITE to its meaning :  
Only indigent customers use this product.  
(A) poor (B) quality-conscious  
(C) affluent (D) local
78. “Be abreast of something’ means  
(A) keep away from (B) be better than  
(C) be similar to (D) be up to date with
79. Fill in the blank :  
The shop-keeper, along with his helpers, \_\_\_\_\_ the shop at 10 O’clock everyday.  
(A) opens (B) open  
(C) is opening (D) are opening
80. Choose the meaning of the underlined word :  
A disinterested referee controlled the title clash.  
(A) impartial (B) inexperienced  
(C) experienced (D) corrupt

81. വികലമല്ലാത്ത പ്രയോഗം കണ്ടെത്തുക.
- (A) അനുസരണ ശീലമില്ലാത്ത ഗോപാലന്റെ മകൻ
  - (B) അനുസരണം ശീലമില്ലാത്ത ഗോപാലന്റെ മകൻ
  - (C) ഗോപാലന്റെ അനുസരണ ശീലമില്ലാത്ത മകൻ
  - (D) ഗോപാലന്റെ അനുസരണം ശീലം മില്ലാത്ത മകൻ
82. 'കാൽമുട്ടുവരെ നീണ്ട കൈയുള്ളവൻ' എന്നതിന്റെ ഒറ്റപ്പദമാണ്
- (A) അതിബാഹുകത്വം
  - (B) ബാഹുലേയൻ
  - (C) കരതലാമലകം
  - (D) ആജാനബാഹു
83. നിന്ദ്യം എന്ന വാക്കിന്റെ വിപരീത പദം
- (A) വന്ദിതം
  - (B) ശ്ലാഘ്യം
  - (C) അനിന്ദ്യം
  - (D) തുല്യം
84. വൈക്കം മുഹമ്മദ് ബഷീറിന്റെ ബാലസാഹിത്യകൃതി
- (A) ബാല്യകാല സഖി
  - (B) ജന്മദിനം
  - (C) സർപ്പയജ്ഞം
  - (D) പാത്തുമ്മയുടെ ആട്
85. ആനന്ദ് എന്ന തൂലികാനാമത്തിലറിയപ്പെടുന്ന സാഹിത്യകാരൻ
- (A) പി. സച്ചിദാനന്ദൻ
  - (B) പി.സി. കുട്ടികൃഷ്ണൻ
  - (C) സി.ഗോവിന്ദ പിഷാരടി
  - (D) എം. ആർ. നായർ

86. 2017 ൽ വയലാർ അവാർഡിനർഹമായ 'സുഗന്ധി' എന്ന് ആണ്ടാൾ ദേവനായകി' എഴുതിയതാര് ?

- (A) സുഭാഷ് ചന്ദ്രൻ
- (B) ടി.ഡി. രാമകൃഷ്ണൻ
- (C) കെ. പി. രാമനുണ്ണി
- (D) കുമാരനാശാൻ

87. കണ്ണിലുണ്ണി എന്ന വാക്കിന്റെ ഇംഗ്ലീഷ് വിവർത്തനം

- (A) A mole of the eye
- (B) A dot of the eye
- (C) Apple of the eye
- (D) A small point of eye

88. എരിതീയിൽ എണ്ണയൊഴിക്കുക എന്ന ശൈലിയുടെ ഇംഗ്ലീഷ് വിവർത്തനം

- (A) Add oil on the fire
- (B) Oil to add the fire
- (C) Add flame to the fuel
- (D) To add fuel to the flame

89. ഒരു നാമം ആവർത്തിക്കാതിരിക്കാനായി ആ സ്ഥാനത്ത് ഉപയോഗിക്കുന്ന നാമതുല്യമായ പദമാണ് സർവ്വനാമം. ഞാൻ, ഞങ്ങൾ എന്നീ പദങ്ങൾ ഏത് സർവ്വനാമത്തിൽ പെടുന്നു

- (A) പ്രഥമപുരുഷ സർവ്വനാമം
- (B) ഉത്തമപുരുഷ സർവ്വനാമം
- (C) മധ്യമപുരുഷസർവ്വനാമം
- (D) ഇതൊന്നുമല്ല

90. 'അജ്ഞാതരഹസ്യം' എന്ന പദം ഏത് സമാസത്തിൽ പെടും ?

- (A) കർമ്മധാരയ സമാസം
- (B) അവ്യയിഭാവൻ
- (C) സംബന്ധികാ തൽപുരുഷൻ
- (D) ദ്വന്ദ്വസമാസം

91. The exclusive rights granted for an invention is called  
(A) Copyright (B) Patent  
(C) Trademark (D) Industrial design
92. An Amendment to the Indian IT Act was passed by Parliament in  
(A) 2006 (B) 2007  
(C) 2008 (D) 2009
93. Which Section of Indian IT Act was invalidated by Supreme Court of India ?  
(A) Section - 66A (B) Section - 66B  
(C) Section - 66C (D) Section - 66D
94. Attempting to acquire username, passwords, etc. by claiming as the original website of a popular website is called :  
(A) Hacking (B) Trojan Horse  
(C) Denial of Service attack (D) Phishing
95. Who is considered as the Father of Internet ?  
(A) Tim Berners Lee (B) Douglas Engelbart  
(C) Vinton Gray Cerf (D) Marc L. Andreessen
96. Which among the following is not an operating system ?  
(A) Windows (B) Linux  
(C) macOS (D) Safari
97. TCP/IP stands for  
(A) Transfer Control Protocol/Internal Protocol  
(B) Transfer Control Protocol/Internet Protocol  
(C) Transmission Control Protocol/Internal Protocol  
(D) Transmission Control Protocol/Internet Protocol
98. The speed of data transmission in internet is measured in  
(A) bits per minute (B) bytes per minute  
(C) bits per second (D) bytes per second
99. The initial term of registration of a trademark in India is  
(A) 10 years (B) 15 years  
(C) 20 years (D) 25 years
100. Which among the following statements are true about registers inside a CPU ?  
(i) Registers are part of primary memory.  
(ii) Registers are volatile.  
(A) Only (i) is true. (B) Only (ii) is true.  
(C) Both (i) and (ii) are true. (D) Both (i) and (ii) are false.