

1. Which is the next term in the sequence 10, 30, 70, 150, 310, ...?

- a) 360                      b) 610  
c) 630                      d) 340

2. If  $\frac{2}{3} + \frac{4}{5} + r = 2$ , what is the value of r?

- a)  $\frac{2}{10}$                       b)  $\frac{8}{15}$   
c)  $\frac{7}{60}$                       d)  $\frac{6}{16}$

3. Which is the greatest fraction among the following?

$$\frac{3}{7}, \frac{2}{5}, \frac{5}{8}, \frac{4}{99}$$

- a)  $\frac{3}{7}$                       b)  $\frac{5}{3}$   
c)  $\frac{7}{3}$                       d)  $\frac{53}{4}$

4. If  $\frac{x}{3} = \frac{y}{5} = \frac{z}{7}$  then

$$\frac{z^2 - x^2 + y^2}{2y^2} = \dots$$

- a) 1.2                      b) 1.1  
c) 1.7                      d) 1.3

5. If Eight thousand Rupees is added to the 60 percentage of the salary of an employee, the sum becomes the salary itself. What is the salary?

- a) 20000                      b) 22000  
c) 24000                      d) 16000

6. An aircraft flies 400 kms straight east from station A and landed at station B. From there it flies 300 kms straight north and landed at station C. What is the aerial distance between stations A and C?

- a) 200 kms                      b) 600 kms  
c) 700 kms                      d) 500 kms

7. The sum of the areas of two squares is 61 square units and their difference is 11 square units. What is the length of a side of the smaller square?

- a) 3 units  
b) 4 units  
c) 5 units  
d) 6 units

8. 18 cups of water by cup A is required to fill a bucket where as 16 cups of water is sufficient to fill the same bucket by cup B. What is the ratio between volumes of cup A and cup B?

- a) 7:9                      b) 8:9  
c) 7:8                      d) 7:10

9. A train of length 260 meters long is running with a speed of 72 km/hr. What is the time taken by this train to cross a thin pole completely?

- a) 15 seconds                      b) 14 seconds  
c) 16 seconds                      d) 13 seconds

10. Age of father is 4 times the

age of son. After 6 years ages of father and son will be in the ratio 5:2. What is the present age of the son?

- a) 6                      b) 7  
c) 8                      d) 5

11. What is the number in the place of '?' in the sequence 3, 28, 128, 353, 753, '?'

- a) 1156                      b) 1289  
c) 1348                      d) 1378

12. In a certain code KERALA is coded as JCOWGU, how INDIA is coded in that system:

- a) HLAEV                      b) HMCHV  
c) HNCHD                      d) HLEAD

13. Curd is related to Milk in the same way as Brick is related to —.

- a) Water                      b) Fire  
c) Clay                      d) Building

14. Arun was born on 4th December 1990. His cousin Varun was born on 4th November 1990. The birthday of their cousin Kiran was on Tuesday, 25th December of that year. In which day Varun was born?

- a) Tuesday  
b) Wednesday  
c) Friday  
d) Sunday

15. Given the words Rope, Romance, Root, Rejoice. What will be the word in the third position when they are arranged alphabetically?

- a) Rope  
b) Root  
c) Romance  
d) Rejoice

16. Latha was facing the east. She turned right and walked 20 metre, then turned to her right again and walked 20 metre. She then turned 45° towards her left and went straight to cover 35 metre. In which direction from her starting point is she?

- a) North-west  
b) South-east  
c) South-west  
d) North-east

17. Six persons in a meeting, shake hands with each other. How many handshakes were interchanged?

- a) 6                      b) 12  
c) 15                      d) 10

18. If in the English alphabet each consonant is substituted by the immediate preceding letter and each vowel is substituted by immediate following letter, then the word "AUTHORITY" will be written as:

- a) BVSIPQJSX  
b) BTSIPQJSX  
c) BVSIPQJUX  
d) BVSGPQJSX

19. How many 6's are there in 89873686398654868538 the following series which are not immediately followed by 3 but

immediately preceded by 8?

- a) 0                      b) 1  
c) 2                      d) 3

20. If '+' means 'x', '-' means '÷', 'x' means '-', and '÷' means '+' then  $16 - 4 + 3 \times 5 \div 2 = ?$

- a) 9                      b) 10  
c) 14                      d) 15

21. Decibel is a unit of:

- a) Atmospheric pressure  
b) Force  
c) Energy  
d) Sound

22. Which of the following is used as rear view mirrors in vehicles?

- a) Plane mirror  
b) Convex mirror  
c) Concave lens  
d) Concave mirror

23. Which of the following is not an ore of iron?

- a) Iron pyrites  
b) Magnetite  
c) Haematite  
d) Magnesite

24. Which one of the following is known as the 'King of Metals'?

- a) Iron  
b) Gold  
c) Platinum  
d) Cobalt

25. Which is the alkaloid that contains in a cola drinks?

- a) Mercury  
b) Citric acid  
c) Caffeine  
d) Carbondioxide

26. Which alloy is used for the production of the body of aeroplanes?

- a) Duralumine  
b) Silumin  
c) Alnico  
d) Magnalium

27. The compounds which are used to give colour to glasses and oil paintings:

- a) Alkalimetals  
b) Transition metals  
c) Lanthanides  
d) Halogen compounds

28. Name the person who invented lightning conductor:

- a) Marconi  
b) Graham Bell  
c) Louis Braille  
d) Benjamin Franklin

29. What is the voltage at which house hold AC (Alternating Current) equipments work?

- a) 220 V                      b) 230 V  
c) 400 V                      d) 110 V

30. Which of the following is a device that employs the principle of Mutual Induction?

- a) Electric motor  
b) Microphone  
c) Transformer  
d) Electronic choke

31. Dengue Fever is caused by:

- a) IGM Dengue Virus
- b) IGM Dengue Bacteria
- c) IMG Dengue Virus
- d) IMG Dengue Bacteria

**32. The work of famous poet 'AKKITHAM' which got VAYALAR award in 2012:**

- a) Upanayanam
- b) Samavarthanam
- c) Anthimahakalam
- d) Balidarsanam

**33. The highest National Environmental award:**

- a) Indira Gandhi National award
- b) Paryavaran Mithra award
- c) Vriksha Mithra award
- d) India Science award

**34. The second Indian who is appointed as head of ICC Cricket Committee:**

- a) Sunil Gavaskar
- b) Kapil Dev
- c) Sachin Tendulkar
- d) Anil Kumble

**35. Who got Nobel Prize for literature in 2012?**

- a) Robert Lefcovits
- b) Alwin Roth
- c) Mo Yan
- d) Shiniya Yamanaka

**36. The Sky Diver who breaks the sound barrier in sky diving:**

- a) Felix Baumgartner
- b) Felis Sanches
- c) Alison Felix
- d) Hussain Bolt

**37. The programme launched by Kerala state government to protect women and children from sexual abuse and sexual harassments:**

- a) Jana mythri
- b) Vayomithra
- c) Karunya
- d) Nirbhaya

**38. The present Chief Justice of India:**

- a) S.H. Kapadiya
- b) Altamas Kabir
- c) V.V. Vydhalingam
- d) Malhotra

**39. The new name of Big Ben Tower:**

- a) Elizabeth Tower
- b) Royal Mekka Tower
- c) Varsa Tower
- d) Eiffel Tower

**40. The 14th Vice President of India:**

- a) Pranab Mukharjee
- b) Jaswanth Singh
- c) Hameed Ansari
- d) Prathibha Patil

**41. Which was the statistical model used for India's second five year plan for attaining economic development?**

- a) Nehru model
- b) Mahalanobis model
- c) K.N. Raj model
- d) Gadgil model

**42. The Securities Exchange**

**Board of India (SEBI) was established on:**

- a) 1992 April 12
- b) 1991 April 1
- c) 1992 March 1
- d) 1993 April 25

**43. Rajiv Gandhi Zoological Park is located at:**

- a) Hyderabad
- b) Vishakhapatnam
- c) Guwahati
- d) Pune

**44. Who was the first woman Director General of Police in India?**

- a) Kiran Bedi
- b) Kanchan Chaudhary
- c) Sheela Koul
- d) Sheela Dutt

**45. No child below the age of 14 can be employed as per the Indian Constitution's:**

- a) Article-24
- b) Article-26
- c) Article-28
- d) Article-30

**46. Who wrote the book 'Development as Freedom'?**

- a) M.K. Gandhi
- b) A.P.J. Abdul Kalam
- c) Amartya Sen
- d) B.R. Ambedkar

**47. In Kerala, the 'Akshaya Project' was firstly started in which district?**

- a) Malappuram
- b) Thiruvananthapuram
- c) Kozhikode
- d) Ernakulam

**48. 'Sugandha Bhavan', The Head Office of Spices Board India is located at:**

- a) Kozhikode
- b) Cochin
- c) Mysore
- d) New Delhi

**49. In 1990, Bharat Ratna was posthumously awarded to whom?**

- a) M.G. Ramachandran
- b) Vinobha Bhave
- c) Vallabhbhai Patel
- d) B.R. Ambedkar

**50. Liberalisation of insurance sector in India was based on the recommendations of:**

- a) Rangarajan Committee
- b) Vijay Kelkar Committee
- c) Malhotra Committee
- d) Tendulkar Committee

**51. The total run of Kerala rivers is about — of India's total water potential.**

- a) 5%
- b) 10%
- c) 15%
- d) None of the above

**52. When does North East Monsoon blow in the land of Kerala?**

- a) June-September
- b) October-November
- c) January-February
- d) None of the above

**53. The population density of Kerala as per the Census of 2011:**

- a) 759/sq km
- b) 859/sq km
- c) 839/sq km
- d) 739/sq km

**54. The sex-ratio of Kerala (Females per 1000 Males) according to the Census of 2011:**

- a) 1024
- b) 1044
- c) 1084
- d) 1104

**55. Pathiramanal Bird Sanctuary is situated in:**

- a) Ashtamudi Kayal
- b) Sasthamcota Kayal
- c) Kayamkulam Kayal
- d) Vembanad Kayal

**56. 'Mokshapradeepam' is the book written by:**

- a) Vagbhatananda
- b) Sri Narayana Guru
- c) Swami Brahmavrutan
- d) Brahmananda Swami Shivayogi

**57. Thatwa Prakashika Ashramam was established by:**

- a) Vagbhatananda Gurudevar
- b) Shivaprasad
- c) Sivananda Paramahamsa
- d) Vayath Swami

**58. "Awake, remember the creator**

**Arise and fight against injustice" Name the magazine which printed this message on its front page:**

- a) Swadeshabhimani
- b) Atma Vidya Kahalam
- c) Shivayogi Vilasam
- d) Sahodaran

**59. Fasting of Savarna volunteers within the Guruvayur temple (1st October 1932) was organized under the leadership of:**

- a) A.K. Gopalan
- b) P. Krishna Pillai
- c) K. Kelappan
- d) V.T. Bhattatiripad

**60. The "Swadeshabhimani" was published under the ownership of:**

- a) Ramakrishna Pillai
- b) C.P. Govinda Pillai
- c) Vakkom Abdul Khader Moulavi
- d) C.V. Kunhiraman

**61. The term 'Adjournment' with respect to the Indian Parliament means:**

- a) Dissolution of the house
- b) Session comes to an end or suspended
- c) Meeting or sitting is suspended for the time being or for the day
- d) The term of the house comes to an end due to emergency

**62. The Indian Parliament derives its power from:**

- a) Constitution
- b) Judiciary
- c) Council of Ministers
- d) President

63. Right to Property under Indian Constitution is a:  
 a) Fundamental Right  
 b) Legal Right  
 c) Human Right  
 d) Natural Right

64. Untouchability is abolished under:  
 a) Article 20  
 b) Article 32  
 c) Article 25  
 d) Article 17

65. An official appointed by a political party to regulate and monitor the behaviour of its members:  
 a) Speaker  
 b) Whip  
 c) Envoy  
 d) Ombudsman

66. As per the 69th Constitution (Amendment) Act 1999, Delhi is now:  
 a) State  
 b) Corporation  
 c) National Capital Territory  
 d) Cantonment Area

67. Article 21 A deals with:  
 a) Right to Life  
 b) Right to Education  
 c) Right to Freedom  
 d) Right to Food Safety

68. The Right to Information Act, 2005 came into force on:  
 a) 12th October 2005  
 b) 20th November 2005  
 c) 14th March 2006  
 d) 26th February 2006

69. Lokayukta is an authority constituted for:  
 a) Empowerment of SC and ST  
 b) Investigating atrocities against women  
 c) The protection of Human Rights  
 d) Investigating allegations of corruption against public servants

70. Who is the author of the book "Revolution 2020"?  
 a) Chetan Bhagat  
 b) A.P.J. Abdul Kalam  
 c) V.S. Naipal  
 d) Aravind Adiga

71. Choose the correct verb form: The minister along with his body guards .. . . . killed in the riot.  
 a) was  
 b) were  
 c) are  
 d) have

72. Use the correct preposition; It's very nice .... you to help me.  
 a) with  
 b) in  
 c) of  
 d) about

73. Select the correct passive form:  
 They are considering our plan:  
 a) Our plan is considered  
 b) Our plan is being considered  
 c) Our plan is considering  
 d) Our plan has being considered

74. Fill the blank space with the right word: She's not a good driver. She drives ...  
 a) reckless  
 b) fastly  
 c) rash  
 d) recklessly

75. Choose the correct antonym of the underlined word: She is having a malignant tumour.  
 a) benign  
 b) nasty  
 c) benevolent  
 d) painless

76. Choose the correct article: This test lasts for ..... hour.  
 a) a  
 b) the  
 c) an  
 d) any

77. Choose the phrase nearest in meaning to the underlined idiom:  
 Her sari cost the earth.  
 a) is very costly  
 b) is cheap  
 c) is soiled  
 d) is ecofriendly

78. Substitute the underlined expression with right one word: A person who loves mankind is known as .....  
 a) misogynist  
 b) misanthrope  
 c) patriot  
 d) philanthropist

79. Report:  
 "Where are you going?" asked the policeman.  
 a) The policeman asked me where I was going.  
 b) The policeman asked me where was I going  
 c) The policeman asked me where I am going.  
 d) The policeman asks me where I was going

80. Choose the right synonym for the word: ephemeral  
 a) lasting  
 b) eternal  
 c) durable  
 d) momentary

81. ജനങ്ങൾ സംസാരഭാഷയായി ഉപയോഗിക്കുന്നില്ലെങ്കിൽ ആ ഭാഷ ..... യാണ്.  
 എ) വ്യവഹാര ഭാഷ  
 ബി) മൃതഭാഷ  
 സി) സമ്പർക്കഭാഷ  
 ഡി) ഔദ്യോഗിക ഭാഷ

82. 'ശൃംഖല' ചങ്ങലയായും 'കൃഷ്ണൻ' കണ്ണനായും മാറിയ വ്യാകരണ പരിണാമം ..... ത്തിന് ഉദാഹരണമാണ്  
 എ) തത്സമം  
 ബി) തദ്ഭവം  
 സി) തദ്വിതം  
 ഡി) തത്സ്മരൂപം

83. ലിപിയും സാഹിത്യ ഗ്രന്ഥങ്ങളുമില്ലെങ്കിലും ആശയ വിനിമയത്തിനു ജനങ്ങൾ ഉപയോഗിച്ചുകൊണ്ടിരിക്കുന്ന ഭാഷ ... . . . . . ആണ്.  
 എ) ഔദ്യോഗിക ഭാഷ  
 ബി) വരതൊഴി  
 സി) ജീവൽഭാഷ  
 ഡി) മൃതഭാഷ

84. AMENDMENT എന്ന പദത്തിനു നൽകാവുന്ന തർജ്ജമയാണ്:  
 എ) പ്രഥമദൃഷ്ട്യാ  
 ബി) ഭേദഗതി  
 സി) വ്യാജരേഖ  
 ഡി) കൃത്യവിലോപം

85. പ്രേക്ഷകൻ എന്നാൽ കാഴ്ചക്കാരൻ എന്നാണർത്ഥം, എന്നാൽ പ്രേഷകൻ എന്ന പദം അർത്ഥമാക്കുന്നത് ..... എന്നാണ്.  
 എ) വിദൂഷകൻ  
 ബി) അയയ്ക്കുന്ന ആൾ  
 സി) കാണി  
 ഡി) പ്രേരിപ്പിക്കുന്ന ആൾ.

86. വൃദ്ധി എന്ന പദത്തിന്റെ വിപരീത പദം:  
 എ) അഭിവൃദ്ധി ബി) ക്ഷയം  
 സി) യൗവനം ഡി) ശക്തി

87. വസ്ത്രം എന്നും മേഘം എന്നും അർത്ഥമുള്ള പദമാണ്:  
 എ) അംബുദം ബി) അംബുധി  
 സി) അംബരം ഡി) അങ്കണം

88. രാഷകലുകൾ, മാതാപിതാക്കൾ എന്നിങ്ങനെ ഘടകപദങ്ങൾക്കു തുല്യ പ്രാധാന്യമുള്ള സമാസമാണ്:

- എ) ദാമ്പ്യൻ
- ബി) ദാരിദ്ര്യം
- സി) അവിശ്യാഭാവൻ
- ഡി) ബഹുവ്രീഹി

**89. 'രാഷ്ട്രപതി തന്റെ പത്നിയോടൊപ്പം എത്തിച്ചേർന്നു' - ഈ വാക്യത്തിൽ ഒഴിവാക്കാവുന്ന പദം:**

- എ) തന്റെ
- ബി) ഒപ്പം
- സി) എത്തി
- ഡി) ചേർന്നു

**90. 'ഹൃദയത്തിൽ നിന്നും വരുന്നത്' എന്ന അർത്ഥത്തിൽ ഭവദികളിൽ ആവർത്തിക്കാനുള്ള തെറ്റായ പദപ്രയോഗമാണ്:**

- എ) ഹൃദയമായി
- ബി) ഹൃദയംഗമമായി
- സി) ഹാർദ്ദവമായി
- ഡി) ഹാർദ്ദമായി

**91. Which of the following is not related to a computer monitor?**

- a) VDU
- b) Plasma Display
- c) Pointing devices
- d) CRT

**92. .... is an input device commonly available in laptops.**

- a) Trackball

- b) Touchpad
- c) Touchscreen
- d) Joystick

**93. A temporary storage area attached to the CPU of the computer for input-output operations is a:**

- a) Register
- b) Buffer
- c) Channel
- d) Core

**94. Product of the data processing is:**

- a) Data
- b) A computer
- c) Software
- d) Information

**95. A collection of parallel lines that connects several devices in a computer is called:**

- a) Bus
- b) Link
- c) Bidirectional wires
- d) Cables

**96. Software installed to help prevent hacking is called:**

- a) System software
- b) Antivirus software
- c) Firewall software
- d) Application software

**97. Encryption of data means that:**

- a) Data cannot be sent over the internet
- b) Data is encoded so it cannot be read without decoding software
- c) Data is kept locked in special room
- d) Data has been hacked into

**98. A person who gains unauthorised access to a computer network for profit, criminal mischief or personal pleasure is:**

- a) Hacker
- b) Cracker
- c) Programmer
- d) None of these

**99. Linux is a:**

- a) Database program
- b) Application program
- c) Operating system
- d) None of these

**100. .... is a legal monopoly granted for a limited time to the owner of an invention.**

- a) Trade secrets
- b) Copyright
- c) Trademark
- d) Patent