

74/2013

1. What is the number in the place of '?' in the sequence 3, 28, 128, 353, 753, '?'  
(A) 1156 (B) 1289 (C) 1348 (D) 1378
2. In a certain code KERALA is coded as JCOWGU, how INDIA is coded in that system :  
(A) HLAEV (B) HMCHV (C) HNCHD (D) HLEAD
3. Curd is related to Milk in the same way as Brick is related to \_\_\_\_\_  
(A) Water (B) Fire (C) Clay (D) Building
4. Arun was born on 4<sup>th</sup> December 1990. His cousin Varun was born on 4<sup>th</sup> November 1990. The birthday of their cousin Kiran was on Tuesday, 25<sup>th</sup> December of that year. In which day Varun was born ?  
(A) Tuesday (B) Wednesday (C) Friday (D) Sunday
5. Given the words Rope, Romance, Root, Rejoice. What will be the word in third position when they are arranged alphabetically ?  
(A) Rope (B) Root (C) Romance (D) Rejoice
6. 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
7. Six persons in a meeting, shake hands with each other. How many handshakes were interchanged ?  
(A) 6 (B) 12 (C) 15 (D) 10
8. 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

9. 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
10. If '+' means '×', '-' means '÷', '×' means '-', and '÷' means '+' then  $16 - 4 + 3 \times 5 \div 2 = ?$   
(A) 9 (B) 10 (C) 14 (D) 15
11. Decibel is a unit of :  
(A) Atmospheric pressure (B) Force  
(C) Energy (D) Sound
12. Which of the following is used as rear view mirrors in vehicles ?  
(A) Plane mirror (B) Convex mirror  
(C) Concave lens (D) Concave mirror
13. Which of the following is not an ore of iron ?  
(A) Iron pyrites (B) Magnetite (C) Haematite (D) Magnesite
14. Which one of the following is known as the 'King of Metals' ?  
(A) Iron (B) Gold (C) Platinum (D) Cobalt
15. Which is the alkaloid that contains in cola drinks ?  
(A) Mercury (B) Citric acid (C) Caffeine (D) Carbondioxide
16. Which alloy is used for the production of the body of aeroplanes ?  
(A) Duralumine (B) Silumin (C) Alnico (D) Magnalium
17. The compounds which are used to give colour to glasses and oil paintings :  
(A) Alkali metals (B) Transition metals  
(C) Lanthanides (D) Halogen compounds
18. Name the person who invented lightning conductor :  
(A) Marconi (B) Graham Bell  
(C) Louis Braille (D) Benjamin Franklin

19. 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
20. Which of the following is a device that employs the principle of Mutual Induction ?  
(A) Electric motor (B) Microphone (C) Transformer (D) Electronic choke
21. Dengue Fever is caused by :  
(A) IGM Dengue Virus (B) IGM Dengue Bacteria  
(C) IMG Dengue Virus (D) IMG Dengue Bacteria
22. The work of famous poet 'AKKITHAM' which got VAYALAR award in 2012 :  
(A) Upanayanam (B) Samavarthanam  
(C) Anthimahakalam (D) Balidarsanam
23. The highest National Environmental award :  
(A) Indira Gandhi National award (B) Paryavaran Mithra award  
(C) Vriksha Mithra award (D) India Science award
24. The second Indian who is appointed as head of ICC Cricket Committee :  
(A) Sunil Gavaskar (B) Kapil Dev  
(C) Sachin Tendulkar (D) Anil Kumble
25. Who got Nobel Prize for literature in 2012 ?  
(A) Robert Lefcovits (B) Alwin Roth  
(C) Mo Yan (D) Shiniya Yamanaka
26. The Sky Diver who breaks the sound barrier in sky diving :  
(A) Felix Baumgartner (B) Felis Sanches  
(C) Alison Felix (D) Hussain Bolt
27. 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

28. The present Chief Justice of India :  
(A) S.H. Kapadiya (B) Altamas Kabir  
(C) V.V. Vydhalingam (D) Malhotra
29. The new name of Big Ben Tower :  
(A) Elizabeth Tower (B) Royal Mekka Tower  
(C) Varsa Tower (D) Eiffel Tower
30. The 14<sup>th</sup> Vice President of India :  
(A) Pranab Mukharjee (B) Jaswanth Singh  
(C) Hameed Ansari (D) Prathibha Patil
31. 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
32. 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
33. Rajiv Gandhi Zoological Park is located at :  
(A) Hyderabad (B) Vishakhapatnam  
(C) Guwahati (D) Pune
34. Who was the first woman Director General of Police in India ?  
(A) Kiran Bedi (B) Kanchan Chaudhary  
(C) Sheela Koul (D) Sheela Dutt
35. 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
36. Who wrote the book 'Development as Freedom' ?  
(A) M.K. Gandhi (B) A.P.J. Abdul Kalam  
(C) Amartya Sen (D) B.R Ambedkar

37. In Kerala, the 'Akshaya Project' was firstly started in which district ?  
(A) Malappuram (B) Thiruvananthapuram  
(C) Kozhikode (D) Ernakulam
38. 'Sugandha Bhavan', the Head Office of Spices Board India is located at  
(A) Kozhikode (B) Cochin (C) Mysore (D) New Delhi
39. In 1990, Bharat Ratna was posthumously awarded to whom ?  
(A) M.G. Ramachandran (B) Vinobha Bhave  
(C) Vallabhbhai Patel (D) B.R. Ambedkar
40. 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
41. 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
42. 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
43. 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
44. The sex-ratio of Kerala (Females per 1000 Males) according to the Census of 2011 :  
(A) 1024 (B) 1044 (C) 1084 (D) 1104
45. Pathiramanal Bird Sanctuary is situated in :  
(A) Ashtamudi Kayal (B) Sasthamcota Kayal  
(C) Kayamkulam Kayal (D) Vembanad Kayal
46. 'Mokshapradeepam' is the book written by :  
(A) Vagbhatananda (B) Sri Narayana Guru  
(C) Swami Brahmavrutan (D) Brahmananda Swami Shivayogi

47. Thatwa Prakashika Ashramam was established by :  
(A) Vagbhatananda Gurudevar (B) Shivaprasad  
(C) Sivananda Paramahamsa (D) Vayath Swami
48. "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
49. Fasting of Savarna volunteers within the Guruvayur temple (1<sup>st</sup> October 1932) was organized  
under the leadership of :  
(A) A.K. Gopalan (B) P. Krishna Pillai  
(C) K. Kelappan (D) V.T. Bhattatiripad
50. 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
51. 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
52. The Indian Parliament derives its power from :  
(A) Constitution (B) Judiciary  
(C) Council of Ministers (D) President
53. Right to Property under Indian Constitution is a :  
(A) Fundamental Right (B) Legal Right  
(C) Human Right (D) Natural Right
54. Untouchability is abolished under :  
(A) Article 20 (B) Article 32 (C) Article 25 (D) Article 17

55. An official appointed by a political party to regulate and monitor the behaviour of its members :
- (A) Speaker (B) Whip (C) Envoy (D) Ombudsman
56. As per the 69<sup>th</sup> Constitution (Amendment) Act 1999, Delhi is now :
- (A) State (B) Corporation  
(C) National Capital Territory (D) Cantonment Area
57. Article 21 A deals with :
- (A) Right to Life (B) Right to Education  
(C) Right to Freedom (D) Right to Food Safety
58. The Right to Information Act, 2005 came into force on :
- (A) 12<sup>th</sup> October 2005 (B) 20<sup>th</sup> November 2005  
(C) 14<sup>th</sup> March 2006 (D) 26<sup>th</sup> February 2006
59. 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
60. Who is the author of the book "Revolution 2020" ?
- (A) Chetan Bhagat (B) APJ Abdul Kalam  
(C) V.S. Naipal (D) Aravind Adiga
61. Choose the correct verb form :  
The minister along with his body guards \_\_\_\_\_ killed in the riot.
- (A) was (B) were (C) are (D) have
62. Use the correct preposition :  
It's very nice \_\_\_\_\_ you to help me.
- (A) with (B) in (C) of (D) about

63. 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
64. Fill the blank space with the right word :  
She's not a good driver. She drives \_\_\_\_\_.  
(A) reckless (B) fastly (C) rash (D) recklessly
65. Choose the correct antonym of the underlined word :  
She is having a malignant tumour.  
(A) benign (B) nasty (C) benevolent (D) painless
66. Choose the correct article :  
This test lasts for \_\_\_\_\_ hour.  
(A) a (B) the (C) an (D) any
67. 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
68. Substitute the underlined expression with right one word :  
A person who loves mankind is known as \_\_\_\_\_.  
(A) misogynist (B) misanthrope (C) patriot (D) philanthropist
69. 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
70. Choose the right synonym for the word : ephemeral  
(A) lasting (B) eternal (C) durable (D) momentary



71. ജനങ്ങൾ സംസാരഭാഷയായി ഉപയോഗിക്കുന്നില്ലെങ്കിൽ ആ ഭാഷ \_\_\_\_\_ യാണ്.  
 (A) വ്യവഹാരഭാഷ (B) മൃതഭാഷ (C) സമ്പർക്കഭാഷ (D) ഔദ്യോഗികഭാഷ
72. 'ശൃംഖല' ചങ്ങലയായും 'ക്യൂഷ്ണൻ' കണ്ണനായും മാറിയ വ്യാകരണപരിണാമം \_\_\_\_\_  
 അതിന് ഉദാഹരണമാണ്.  
 (A) തത്സമം (B) തത്ഭവം (C) തദ്വിതം (D) തത്സ്വരൂപം
73. ലിപിയും സാഹിത്യഗ്രന്ഥങ്ങളുമില്ലെങ്കിലും ആശയ വിനിമയത്തിന് ജനങ്ങൾ ഉപയോഗിച്ചു കൊണ്ടിരിക്കുന്ന ഭാഷ \_\_\_\_\_ ആണ്.  
 (A) ഔദ്യോഗികഭാഷ (B) വരമൊഴി  
 (C) ജീവൽഭാഷ (D) മൃതഭാഷ
74. Amendment എന്ന പദത്തിനു നൽകാവുന്ന തർജ്ജമയാണ് :  
 (A) പ്രഥമദൃഷ്ട്യാ (B) ഭേദഗതി (C) വ്യാജരേഖ (D) കൃത്യവിലോപം
75. പ്രേക്ഷകൻ എന്നാൽ കാഴ്ചക്കാരൻ എന്നാണർത്ഥം, എന്നാൽ പ്രേഷകൻ എന്ന പദം അർത്ഥമാക്കുന്നത് \_\_\_\_\_ എന്നാണ്.  
 (A) വിദൂഷകൻ (B) അയയ്ക്കുന്ന ആൾ  
 (C) കാണി (D) പ്രേരിപ്പിക്കുന്ന ആൾ
76. വൃദ്ധി എന്ന പദത്തിന്റെ വിപരീത പദം :  
 (A) അഭിവൃദ്ധി (B) ക്ഷയം (C) യൗവ്വനം (D) ശക്തി
77. വസ്ത്രം എന്നും മേപ്പം എന്നും അർത്ഥമുള്ള പദമാണ് :  
 (A) അംബുദം (B) അംബുധി (C) അംബരം (D) അങ്കണം
78. രാപ്പകലുകൾ, മാതാപിതാക്കൾ എന്നിങ്ങനെ ഘടകപദങ്ങൾക്ക് തുല്യ പ്രാധാന്യമുള്ള സമാസമാണ് :  
 (A) ദ്വന്ദ്വൻ (B) ദ്വിത്വം (C) അവ്യയിഭാവൻ (D) ബഹുവ്രീഹി

79. 'രാഷ്ട്രപതി തന്റെ പത്നിയോടൊപ്പം എത്തിച്ചേർന്നു' - ഈ വാക്യത്തിൽ ഒഴിവാക്കാവുന്ന പദം :
- (A) തന്റെ (B) ഒപ്പം (C) എത്തി (D) ചേർന്നു
80. 'ഹൃദയത്തിൽനിന്നും വരുന്നത്' എന്ന അർത്ഥത്തിൽ വേദികളിൽ ആവർത്തിക്കാറുള്ള തെറ്റായ പദപ്രയോഗമാണ് :
- (A) ഹൃദ്യമായി (B) ഹൃദയംഗമമായി  
(C) ഹാർദ്ദവമായി (D) ഹാർദ്ദമായി
81. Which of the following is **not** related to a computer monitor ?
- (A) VDU (B) Plasma Display (C) Pointing devices (D) CRT
82. \_\_\_\_\_ is an input device commonly available in laptops.
- (A) Trackball (B) Touchpad (C) Touchscreen (D) Joystick
83. 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
84. Product of the data processing is :
- (A) Data (B) A computer (C) Software (D) Information
85. A collection of parallel lines that connects several devices in a computer is called :
- (A) Bus (B) Link  
(C) Bidirectional wires (D) Cables
86. Software installed to help prevent hacking is called :
- (A) System software (B) Antivirus software  
(C) Firewall software (D) Application software
87. 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

88. A person who gains unauthorized access to a computer network for profit, criminal mischief or personal pleasure is :
- (A) Hacker (B) Cracker (C) Programmer (D) None of these
89. Linux is a :
- (A) Database program (B) Application program  
(C) Operating system (D) None of these
90. \_\_\_\_\_ is a legal monopoly granted for a limited time to the owner of an invention.
- (A) Trade secrets (B) Copyright (C) Trademark (D) Patent
91. Which is the next term in the sequence 10, 30, 70, 150, 310, ... ?
- (A) 360 (B) 610 (C) 630 (D) 340
92. If  $\frac{2}{3} + \frac{4}{5} + r = 2$ , what is the value of  $r$  ?
- (A)  $\frac{7}{15}$  (B)  $\frac{8}{15}$  (C)  $\frac{9}{15}$  (D)  $\frac{6}{15}$
93. Which is the greatest fraction among the following ?
- $\frac{3}{7}, \frac{2}{5}, \frac{5}{8}, \frac{7}{35}$
- (A)  $\frac{2}{5}$  (B)  $\frac{3}{7}$  (C)  $\frac{5}{8}$  (D)  $\frac{7}{35}$
94. 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
95. 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

96. 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
97. 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
98. 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
99. 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
100. Age of father is 4 times the age of his 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

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