

1. If Maya goes to office at a speed of 40 km/hr, she reaches 5 minutes late. If she travels at the speed of 60 km/hr, she is 10 minutes early. What is the distance to office from her home ?  
(A) 30 km  
(B) 40 km  
(C) 50 km  
(D) 35 km
2. How much time will a train of length 171 metres take to cross a tunnel of length 229 metres, if it is running at a speed of 30 km/hr ?  
(A) 1 minute  
(B) 36 seconds  
(C) 30 seconds  
(D) 32 seconds
3. At what time between 4 and 5 will the hands of a clock be at right angles ?  
(A)  $38\frac{3}{11}$  minutes past 4  
(B)  $38\frac{9}{13}$  minutes past 4  
(C)  $38\frac{2}{11}$  minutes past 4  
(D)  $38\frac{5}{13}$  minutes past 4
4. Today 10<sup>th</sup> May 2018 is a Thursday. What day of the week will it be on 25<sup>th</sup> December, 2018 ?  
(A) Wednesday  
(B) Sunday  
(C) Monday  
(D) Tuesday
5. The ratio between the ages of Appu and Ryan at present is 3 : 4. Five years ago the ratio of their ages was 2 : 3. What is the present age of Appu ?  
(A) 15 years  
(B) 20 years  
(C) 12 years  
(D) 30 years

6. The largest natural number which exactly divides the product of any four consecutive natural numbers is
- (A) 120
  - (B) 24
  - (C) 12
  - (D) 6
7. If 520 mangoes can be bought for ₹ 600 how many can be bought for ₹ 1500 ?
- (A) 1040
  - (B) 1200
  - (C) 1300
  - (D) 1560
8. In an examination 86% of the candidates passed and 224 failed. How many candidates appeared for the exam ?
- (A) 800
  - (B) 1540
  - (C) 1600
  - (D) 3136
9. Raju & Tom together can do a work in 10 days. Tom & Appu together can do it in 12 days. Appu & Raju together can do it in 15 days. In how many days will they finish it if all the three work together ?
- (A) 8 days
  - (B) 4 days
  - (C) 4.5 days
  - (D) 9.5 days
10. Area of the largest triangle that can be inscribed in a semicircle of radius 2 cm is
- (A)  $2 \text{ cm}^2$
  - (B)  $4 \text{ cm}^2$
  - (C)  $2\sqrt{2} \text{ cm}^2$
  - (D)  $4\pi \text{ cm}^2$

11. The ratio of ages of Monu and Sonu at present is 4 : 1. Eight years ago Monu's age was 10 times the age of Sonu. What is the present age of Monu ?  
 (A) 48 (B) 44  
 (C) 46 (D) 42
12. What will be the next term 7, 12, 19, \_\_\_\_\_ ?  
 (A) 26 (B) 28  
 (C) 30 (D) 24
13. Rony walked 20 m towards North, then he turned right and walks 30 m. Then he turns right and walks 35 m. Then he turns left and walks 15 m. Finally he turns left and walks 15 m. How many metres is he from the starting position ?  
 (A) 45 m (B) 35 m  
 (C) 55 m (D) 15 m
14. A tank can be filled by pipe A in 6 hours and by pipe B in 3 hours, each pump working on its own. When the tank is full and a drainage hole is open, the water is drained in 4 hours. If initially the tank was empty and someone started the two pump together, but left the drainage hole open, how long does it take for the tank to be filled ?  
 (A) 6 hours (B) 8 hours  
 (C) 4 hours (D) 12 hours
15. What are the last two digit of the number  $7^{45}$  ?  
 (A) 07 (B) 23  
 (C) 49 (D) 43
16. What day of the week will be on 8<sup>th</sup> June 2215 ?  
 (A) Friday (B) Thursday  
 (C) Monday (D) Sunday
17. What will come in the place of “?”  
 EG, HJ, KM, NP, ?  
 (A) QS (B) QR  
 (C) QT (D) RS
18. Find  $10 + 10 \times 10 \div 10 - 10$   
 (A) 0 (B) 10  
 (C) 100 (D) 1
19. The simple interest on a sum of money is equal to the principal and number of years is equal to the rate percent per annum. Find the rate percent.  
 (A) 15% (B) 20%  
 (C) 12% (D) 10%
20. How long will a 150 m long train running at a speed of 60 kmph take to cross the bridge of 300 m long ?  
 (A) 37 seconds (B) 35 seconds  
 (C) 25 seconds (D) 27 seconds



21. The speed of chemical reaction between gases increases with increase in pressure due to an increase in  
 (A) Number of molecules (B) Volume  
 (C) Concentration (D) Distance between molecules
22. The scientific principle behind the working of a transformer is  
 (A) Mutual induction (B) Transmission  
 (C) Rectification (D) Amplification
23. The outermost shell configuration of an element is  $4s^2 4p^3$ . The period to which the element belongs is  
 (A) 5 (B) 8  
 (C) 3 (D) 4
24. The gas in a balloon of volume 2 L is released into an empty vessel of volume 7 L. What will be the volume of the gas ?  
 (A) 2 L (B) 7 L  
 (C) 9 L (D) 5 L
25. Identify the element which shows variable valency.  
 (A) Helium (B) Magnesium  
 (C) Sodium (D) Iron
26. Acid rain is due to  
 (A)  $O_3$  and dust (B)  $SO_2$  and  $NO_2$   
 (C)  $SO_3$  and CO (D)  $CO_2$  and CO
27. Green house effect is mainly due to  
 (A)  $CH_4$  (B)  $SO_2$   
 (C) CFC (D)  $CO_2$
28. Which of the following is a water soluble Vitamin ?  
 (A) Calciferol (B) Tocoferol  
 (C) Ascorbic acid (D) Phyloquinone
29. Nucleus is discovered by  
 (A) Robert Brown (B) Golgi  
 (C) Bowman (D) Fountain
30. Relationship between sea anemone and hermit crab is  
 (A) Symbiosis (B) Mutualism  
 (C) Commensalism (D) None of these

31. In 2018, the Oscar Award for best actor was given to Gary Oldman for his performance in  
 (A) The Shape of Water (B) The Post  
 (C) Darkest Hour (D) Dunkirk
32. In 2019, FIFA under-20 World Cup will be held in  
 (A) England (B) Poland  
 (C) South Africa (D) Germany
33. E. Harikumar got Sahitya Akademi (India's National Academy of Letters) Award for his work  
 (A) Kama Surabhi (B) Thiranjedutha Prabandhomgal  
 (C) Karutha Thampratti (D) Dinosarinte Kutti
34. The Chairman of the Public Accounts Committee is being appointed by  
 (A) The President (B) The Vice President  
 (C) Prime Minister (D) The Speaker of the Lok Sabha
35. Choolannur Bird Sanctuary is located at  
 (A) Palakkad (B) Idukki  
 (C) Thrissur (D) Pathanamthitta
36. Dada Saheb Phalke Award of 2017 was given to  
 (A) Vinod Khanna (B) Rajesh Khanna  
 (C) Rishi Kapoor (D) None of these
37. Which Article of the Indian Constitution empowers the President of India to declare financial emergency ?  
 (A) Article 358 (B) Article 359  
 (C) Article 360 (D) Article 363
38. Kerala Government's Kamala Surayya Award of 2017 for literary work was given to  
 (A) Lalitha Sadasivam (B) K.P. Sudheera  
 (C) P. Valsala (D) K.R. Meera
39. 'The Grand Design' is a work of  
 (A) Stephen Hawking (B) John Gribbin  
 (C) Marika Taylor (D) Dennis W. Sciama
40. Among the following who is not the recipient of Nobel prize in Chemistry in 2017 ?  
 (A) Jacques Dubochet (B) Joachim Frank  
 (C) Richard Henderson (D) Barry C. Barish

41. Kerala Highway Research Institute is located in  
 (A) Kottayam (B) Kozhikode  
 (C) Ernakulam (D) Thiruvananthapuram
42. The Urdu poet who was the representative of second and third Round Table Conferences ?  
 (A) Khan Abdul Gaffar Khan (B) Muhammed Iqbal  
 (C) Mirza Galib (D) Sardar Jafri
43. Which dam is located in Karamanathodu, an offspring of the Kabini River ?  
 (A) Cheruthoni Dam (B) Malankara Dam  
 (C) Banasurasagar Dam (D) Pazhassi Dam
44. Who authored the book Sidhanubhoothi ?  
 (A) V.T. Bhattathirippad (B) Chattampi Swamikal  
 (C) Ayyankali (D) Brahmananda Sivayogi
45. Which one of the following passes connects Arunachal Pradesh with Tibet ?  
 (A) Zoji La Pass (B) Debsa Pass  
 (C) Bomdi La Pass (D) Shipki La Pass
46. Who was the First Woman President of the Indian National Congress ?  
 (A) Sarojini Naidu (B) Bikaji Kama  
 (C) Kamla Nehru (D) Annie Besant
47. In which state of India Subansiri Hydropower Project is located ?  
 (A) Madhya Pradesh (B) Assam  
 (C) Karnataka (D) Rajasthan
48. In which of the following sessions of INC, was national Anthem sung for the first time ?  
 (A) 1911 (B) 1930  
 (C) 1947 (D) 1956
49. Which is the longest National Highway in India ?  
 (A) NH 56 (B) NH 46  
 (C) NH 44 (D) NH 45
50. Which is the oldest oil field of India ?  
 (A) Digboi (B) Ankleshwar  
 (C) Bombay High (D) Masimpur



51. Which of the following Article of the Indian Constitution guarantees complete equality of men and women ?  
 (A) Article 25 (B) Article 21  
 (C) Article 18 (D) Article 15
52. The wild life sanctuary which is a part of Nilagiri Biosphere Reserve ?  
 (A) Chinnar (B) Prambikkulam  
 (C) Muthanga (D) Chulannur
53. Original name of Vagbhatananda ?  
 (A) Kunjan Pillai (B) Nanu Asan  
 (C) Kumara Guru (D) Kunjikannan
54. Surya Sen was associated with which of the event during Indian Freedom Struggle ?  
 (A) Chittagong Armoury Raid (B) Khilafat Movement  
 (C) Kheda Sathyagraha (D) Kakori Conspiracy
55. Who is known as the mother of Indian Revolution ?  
 (A) Aruna Asaf Ali (B) Madam Bhikaji Cama  
 (C) Sarojini Naidu (D) Pritilata Vadekar
56. Constitution of India was adopted by constituent assembly on  
 (A) 1948 January 26 (B) 1949 November 26  
 (C) 1950 January 26 (D) 1950 November 26
57. Which of the following temple is not in Karnataka ?  
 (A) Brahmeswar (B) Kollur Mookambika  
 (C) Sravanabelgola (D) Chamundeswary
58. Teesta river is the tributary of  
 (A) Ganga (B) Yamuna  
 (C) Brahmaputra (D) Narmada
59. In which year a major earthquake occurred in Latur region ?  
 (A) 1993 (B) 1997  
 (C) 1998 (D) 2001
60. Which Indian state has declared Jackfruit as official fruit of state ?  
 (A) Karnataka (B) Kerala  
 (C) Tamil Nadu (D) Orissa

61. The President of India can be impeached for violation of the Constitution vide which article ?  
 (A) Article 52 (B) Article 61  
 (C) Article 74 (D) Article 78
62. Which of the following is appointed by the Governor of a state ?  
 (A) Finance Commission (B) UPSC  
 (C) State Election Commission (D) Inter State Council
63. The jurisdiction of which of the following high courts extends to the Union Territory of Lakshadweep ?  
 (A) Kerala (B) Tamil Nadu  
 (C) Bombay (D) Delhi
64. Which of the following subjects is included in the Concurrent List ?  
 (A) Agriculture (B) Public Health & Sanitation  
 (C) Local Government (D) Forests
65. National Voters Day is observed on which date ?  
 (A) 15<sup>th</sup> August (B) 2<sup>nd</sup> October  
 (C) 25<sup>th</sup> January (D) 26<sup>th</sup> January
66. The concept of single citizenship has been adopted from which country ?  
 (A) USA (B) France  
 (C) Italy (D) UK
67. Who presides over the joint sitting of the two houses of the Parliament ?  
 (A) President (B) Vice President  
 (C) Speaker (D) Chief Justice
68. Name the President of the Constituent Assembly of India.  
 (A) Rajendra Prasad (B) B.R. Ambedkar  
 (C) Sachidananda Sinha (D) B.N. Rau
69. By which Constitutional Amendment Act was the voting age lowered from 21 years to 18 years ?  
 (A) 42<sup>nd</sup> Amendment 1976 (B) 44<sup>th</sup> Amendment 1978  
 (C) 52<sup>nd</sup> Amendment 1985 (D) 61<sup>st</sup> Amendment 1988
70. The ministers of the state government are administered the oath of office by  
 (A) President (B) Governor  
 (C) Attorney General (D) Chief Justice



71. Give the correct form of verb :  
Many a cup and saucer \_\_\_\_\_ been broken.  
(A) have (B) has  
(C) is (D) are
72. Identify the meaning of italicized word :  
The brothers *fell out* over their father's property.  
(A) Fell down (B) Sold  
(C) Continue (D) Quarrelled
73. Give the antonym of the italicized word :  
His behaviour *disgusted* everyone.  
(A) Gusted (B) Pleased  
(C) Irritated (D) Surprised
74. Choose the correct option.  
I should be grateful if you \_\_\_\_\_ send me an application form.  
(A) will (B) would  
(C) may (D) can
75. Choose the preposition :  
The rule is applicable \_\_\_\_\_ everyone.  
(A) of (B) with  
(C) to (D) about
76. Identify the subject in the sentence :  
The first three chapters of the book are written in a beautiful style.  
(A) The first (B) The first three  
(C) The first three chapters (D) The first three chapters of the book
77. Choose the correctly spelled word.  
(A) Adress (B) Addverse  
(C) Altogether (D) Anounce
78. Identify the correct form of the word :  
I \_\_\_\_\_ down every afternoon after lunch.  
(A) lie (B) lay  
(C) lied (D) am lying
79. Give one word substitute for :  
Write words or letters in the letters of a different alphabet.  
(A) Transitory (B) Transliterate  
(C) Translate (D) Transcommunicate
80. Give the correct verb form :  
He asked if anyone \_\_\_\_\_ his glasses.  
(A) had seen (B) have seen  
(C) seen (D) saw

81. ലേഖകൻ എന്ന വാക്കിന്റെ എതിർലിംഗം ഏത് ?
- (A) ലേഖക (B) ലേഖിക  
(C) ലേഖകി (D) ലേകവി
82. ചേർത്തെഴുതുക :  
ഹൃത് + വികാരം
- (A) ഹൃദയവികാരം  
(B) ഹൃദികാരം  
(C) ഹൃത്വികാരം  
(D) ഹാർദ്ദവം
83. താഴെപ്പറയുന്ന പഴഞ്ചൊല്ലിന്റെ സാരസ്യമെന്ത് ?  
മുറിവൈദ്യൻ ആളെക്കൊല്ലും
- (A) അല്പജ്ഞാനം ആപത്താണ്.  
(B) വൈദ്യൻ നിസ്സാരനാണ്.  
(C) പരിശീലനം നേടിയില്ലെങ്കിൽ പരാജയമടയും.  
(D) വൈദ്യശാസ്ത്രം ഗഹനമാണ്.
84. പിരിച്ചെഴുതുക :  
ക്രോധമല്ലോ നിജ ധർമ്മക്ഷയകരം
- (A) ക്രോധമല്ലോ+നിജ+ധർമ്മക്ഷയ+കരം  
(B) ക്രോധ+മല്ലോ+നിജ+ധർമ്മക്ഷയ+കരം  
(C) ക്രോധം+അല്ലോ+നിജ+ധർമ്മ+ക്ഷയകരം  
(D) ക്രോധമല്ലോ+നിജധർമ്മ+ക്ഷയകരം
85. താഴെപ്പറയുന്ന കടംകഥയുടെ ശരിയുത്തരമേത് ?  
'കൊക്കിരുന്നു കുളം വറ്റി'
- (A) വയൽ (B) കിണർ  
(C) എൻജിൻ (D) റാത്തൽവിളക്ക്

86. ശരിയായ പദം തിരഞ്ഞെടുത്തഴുതുക :

- (A) ഹാർദ്ദം
- (B) ഹാർദ്ദവം
- (C) ഹാർദ്ദവം
- (D) ഹാർദ്യവം

87. ശരിയായ പദമേത് ?

- (A) ഐച്ഛികം
- (B) ഐച്ഛികം
- (C) ഐശ്ചികം
- (D) ഐശ്ചികം

88. ശരിയായ വാക്യമേത് ?

- (A) അദ്ധ്യാപകന്റെ പ്രസംഗം പ്രചോദനപരവും പ്രേരണാപരവുമായിരുന്നു.
- (B) അദ്ധ്യാപകന്റെ പ്രസംഗം പ്രചോദനം നൽകുന്നതായിരുന്നു.
- (C) അദ്ധ്യാപകന്റെ പ്രസംഗം പ്രേരണാപരമായിരുന്നു.
- (D) അദ്ധ്യാപകന്റെ പ്രസംഗം പ്രചോദകവും പ്രേരണാപരവുമായിരുന്നു.

89. ഒറ്റപ്പദമാക്കുക :

ലോകത്തെ സംബന്ധിച്ചത്

- (A) ലൗകികം
- (B) ലോകൈകം
- (C) ലൗകികം
- (D) ലോകായതം

90. ശരിയായ വിപരീതപദം ഏത് ?

ശാന്തം

- (A) അശാന്തം
- (B) ദേഷ്യം
- (C) വീരം
- (D) രൗദ്രം



91. Microsoft PowerPoint is an example of  
(A) Operating System (B) Display Device  
(C) Application Software (D) System Software
92. Website is a collection of  
(A) Webpage (B) HTML Page  
(C) Both (A) & (B) (D) HTTP Page
93. Bing is a  
(A) Website (B) Business software  
(C) Search engine (D) Social Media
94. Moving from one webpage to another webpage is known as  
(A) Attaching (B) Changing  
(C) Downloading (D) Browsing
95. Which of the following come under cyber crime ?  
(A) IPR (B) Plagiarism  
(C) Pornography (D) All of the above
96. In computer Logical operations are performed by  
(A) Control Unit (B) ALU  
(C) Primary Memory (D) CPU
97. \_\_\_\_\_ is a volatile memory ?  
(A) SRAM (B) DRAM  
(C) Both (A) & (B) (D) None of these
98. Which protocol is used in WWW ?  
(A) PPP (B) IP  
(C) FTP (D) HTTP
99. Expand GUI.  
(A) Graphical User Instance (B) Graphical User Intermediate  
(C) Graphical User Interface (D) Graphical Used Instance
100. IC chips are used in which generation of computer ?  
(A) Second Generation (B) Third Generation  
(C) Fourth Generation (D) Both (A) & (B)