

060/2018-M

Maximum : 100 Marks

Time : 1 hour and 15 minutes

1. The average of 14, 11, 8, x , 19 is 13. The value of x is _____
(A) 52 (B) 12
(C) 16 (D) 13
2. Which is the largest among the following ?
 $\frac{3}{4}, \frac{5}{8}, \frac{9}{13}, \frac{5}{9}$
(A) $\frac{5}{8}$ (B) $\frac{3}{4}$
(C) $\frac{5}{9}$ (D) $\frac{9}{13}$
3. If $\sqrt{81} = 9$, then $\sqrt{0.81} + \sqrt{0.0081} =$ _____
(A) 0.99 (B) 9.9
(C) 0.099 (D) 0.0099
4. If $a : b = 2 : 3$, $b : c = 4 : 5$, then $a : b : c =$ _____
(A) 4 : 3 : 5 (B) 2 : 4 : 5
(C) 8 : 12 : 15 (D) 8 : 10 : 20
5. If 20% of a number is 140, then 16% of that number is _____
(A) 120 (B) 114
(C) 110 (D) 112
6. $2^{a+b} = 4 \times 8 \times 16$, then $(a + b)^2 = ?$
(A) 81 (B) 64
(C) 512 (D) 28
7. If by selling an article for ₹ 360, Ramu gains 20%. Find his cost price.
(A) 320 (B) 300
(C) 310 (D) 380
8. Simplify $\frac{2.6 \times 0.38 \times 2.50}{0.13 \times 0.19 \times 0.5}$
(A) 200 (B) 100
(C) 300 (D) 500
9. The value of $6^{0.75} \times 7^{0.75} \times (42)^{0.25}$
(A) 55 (B) 49
(C) 46 (D) 42
10. If the perimeter of a cube is 40 cm, its area is _____
(A) 100 (B) 160
(C) 150 (D) 200

A

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[P.T.O.]

11. Code for GATE is ETAG, then the code for SLATE will be
 (A) ETALS (B) EALST
 (C) ESLAT (D) EATSL
12. Arjun walks 2 kms northwards and then he turns right and moves 3 kms. He again turns right and goes 2 kms and turns his left and starts walking straight. In which direction he is walking now ?
 (A) South (B) East
 (C) North (D) None of these
13. Raj can do a piece of work in 5 hours. Hari and Siva can do it in 3 hours. Raj and Siva can do it in 4 hours. How long will Hari take to do it ?
 (A) 6 hours (B) 4 hours
 (C) 3 hours (D) 5 hours
14. How many words can be formed from 'INDEPENDENCE' without changing the order of letters and using each letter only once ?
 (A) 5 (B) 3
 (C) 6 (D) 2
15. Pointing to a woman a man said "Her father is the only son of my father." How is the man related to the woman ?
 (A) Son (B) Father
 (C) Brother (D) Grandfather
16. The average of seven consecutive numbers is 26. The largest among these is
 (A) 30 (B) 27
 (C) 29 (D) 28
17. Rekha is taller than Asha. Deepa is as tall as Priti. Supriya is shorter than Veena. Sita is taller than Asha. Veena is shorter than Deepa. Who is the shortest ?
 (A) Asha (B) Veena
 (C) Supriya (D) Deepa
18. Cow is related to Calf in the same way as Kangaroo is related to
 (A) Kit (B) Cub
 (C) Fawn (D) Joey
19. Find the missing number in the series
 5, 10, 17, ____, 37, 50, 65
 (A) 25 (B) 26
 (C) 27 (D) 28
20. In a row of boys Manu who is 8th from the left and Siju who is 9th from the right interchange their seats. Now Manu becomes 15th from left. How many boys are there in the row ?
 (A) 17 (B) 22
 (C) 23 (D) 24

21. Iodine is used to detect which of the following constituents of food ?
(A) Starch (B) Glucose
(C) Fats (D) Protein
22. Who discovered Penicillin in 1928 ?
(A) Edward Jenner (B) Alexander Fleming
(C) Gregor Mendel (D) Louis Pasteur
23. Which is the lightest metal ?
(A) Calcium (B) Barium
(C) Lithium (D) Sodium
24. The instrument which converts sound to electric signal is _____
(A) Loud speaker (B) Stethoscope
(C) Megaphone (D) Microphone
25. The non-metal which is in liquid state at atmospheric temperature.
(A) Bromine (B) Mercury
(C) Galium (D) Cesium
26. Which of the following instruments is used for measuring atmospheric pressure ?
(A) Thermometer (B) Barometer
(C) Sonometer (D) Spectrometer
27. The nitrogen base which is not present in DNA is _____
(A) Adenine (B) Thymine
(C) Guanine (D) Uracil
28. Which of the following diseases is not a bacterial disease ?
(A) Tuberculosis (B) Tetanus
(C) Chicken-pox (D) Anthrax
29. The part of brain which help the body balance.
(A) Cerebrum (B) Cerebellum
(C) Thalamus (D) Medulla oblongata
30. "Calcium hydroxide" is the chemical name of _____
(A) Caustic soda (B) Caustic potash
(C) Milk of lime (D) Milk of Magnesia

31. The new Asia Cup Women Hockey Champion ?
(A) China (B) Japan
(C) India (D) Pakistan
32. Who among the following is recently appointed as the goodwill ambassador of UNICEF ?
(A) Christian Davis (B) Lilly Singh
(C) Seema Varma (D) Musun-Al-Mellahan
33. The winner of the Dada Saheb Phalke Award 2016 ?
(A) Raj Kumar (B) K. Vishwanath
(C) Kamal Hassan (D) Amitabh Bachchan
34. Who is the Miss Universe of 2017 ?
(A) Karen Ebasca (B) Manushi Chhillar
(C) Demi Le Nel Peters (D) Priyanka Chopra
35. The first underwater rail tunnel in India is constructed under which river ?
(A) Hugli (B) Mahanadi
(C) Narmada (D) Yamuna
36. Who is the author of the book, 'The Quest For A World Without Hunger' ?
(A) Amartya Sen (B) Dr. M.S. Swaminathan
(C) Salman Rushdie (D) Arundhati Roy
37. The winner of Nobel Prize for Economics in 2017
(A) Bari Barish (B) Kasuvo Ishiguro
(C) Jokim Frank (D) Richard Thailor
38. Which of the following harbour in Indian Ocean has recently been transferred to China by Sri Lanka ?
(A) Humberthotta (B) Trincomalee
(C) Galle (D) Beruvala
39. Who is the new Chairman of National Scheduled Tribes Commission ?
(A) Vikas Swaroop (B) Nandakumar Sai
(C) Sandeep Jajodiya (D) Vikram Lilmaye
40. Who is the new President of Liberia ?
(A) Nana Akufo Ado (B) Sheik Rafeeqe Muhammed
(C) Susan Keefal (D) George Weah

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41. First Digital State of India
(A) Madhya Pradesh (B) Gujarat
(C) Bengal (D) Kerala
42. Uri Dam is constructed across the river
(A) Jhelum (B) Chenab
(C) Ravi (D) Beas
43. Government of India decided to demonetize ₹ 500 and ₹ 1000 Currency notes with effect from
(A) 5th November, 2016 (B) 8th November, 2016
(C) 5th December, 2016 (D) 8th December, 2016
44. Who is regarded as the official historian of Indian National Congress ?
(A) J.B. Kripalani (B) Sardar Vallabhbhai Patel
(C) Pattabhi Sitharamayya (D) Gopala Krishna Gokhale
45. Who was the Governor General of India during the Revolt of 1857 ?
(A) Lord Canning (B) Lord Rippon
(C) Lord Dalhousie (D) Lord Curzon
46. *The Indian Struggle* is the autobiography of
(A) C.R. Das (B) Chandrasekhar Azad
(C) Bipin Chandra Pal (D) Subhash Chandra Bose
47. The President of India who announced the Emergency of 1975
(A) V.V. Giri (B) Dr. Zakir Hussain
(C) Fakhruddin Ali Ahmed (D) Neelam Sanjeeva Reddy
48. The Supreme Court of India was started functioning from
(A) 1950 January 26 (B) 1950 January 28
(C) 1951 January 26 (D) 1951 January 28
49. Who founded the East India Association ?
(A) Gopala Krishna Gokhale (B) Aurobindo Ghosh
(C) Surendranath Bannerjee (D) Dadabhai Naoroji
50. Founder of Arya Samaj
(A) Raja Rammohan Roy (B) Swami Vivekananda
(C) Swami Dayananda Saraswati (D) Kesab Chandra Sen

51. Pathiramanal Island is situated in
 (A) Ashtamudi Lake (B) Vembanad Lake
 (C) Kodungalloor Lake (D) Sasthamkotta Lake
52. The district Malappuram was formed in
 (A) 1956 (B) 1957
 (C) 1969 (D) 1972
53. ✓ *Veenapoovu* of Kumaranasan was first published in the Newspaper
 (A) Malayali (B) Mithavadi
 (C) Vivekodayam (D) Swadesabhimani
54. Who among the following Malayalees got Padmavibhooshan in 2017 ?
 (A) Parassala B. Ponnammal
 (B) K.J. Yesudas
 (C) Akkitham Achyuthan Nambudiri
 (D) Chemancheri Kuniraman Nair
55. ✓ Who among the following was the first Chief Justice of the High Court of Kerala ?
 (A) Justice P. Govinda Menon (B) Justice Anna Chandi
 (C) Justice K. Sankaran (D) Justice K.T. Koshi
56. ✓ Who is the founder of *Atmavidya Sangham* ?
 (A) Vagbhadanandan (B) Brahmananda Siva Yogi
 (C) Dharma Dheeran (D) Sree Narayana Guru
57. ✓ The women activist who is popularly known as the Jhansi Rani of Travancore
 (A) A.V. Kuttimalu Amma (B) Akkamma Cheriyan
 (C) Rosamma Punnus (D) Anna Chandi
58. ✓ Who among the following is known as Kerala Vyasana ?
 (A) Vallathol Narayana Menon
 (B) Kerala Varma Valiakoyi Thampuran
 (C) Vennikkulam Gopala Kurupu
 (D) Kodungallur KunhikkuttanThampuran
59. ✓ Who among the following was the volunteer Captain of Guruvayoor Satyagraha ?
 (A) Mannathu Padmanabhan (B) A.K. Gopalan
 (C) K. Kelappan (D) T.K. Madhavan
60. Who started the newspaper the *Al-Ameen* in 1924 ?
 (A) Vakkom Abdul Khadar Maulavi
 (B) Thangal Kunju Musliyr
 (C) Yakkub Hazan
 (D) Muhammad Abdul Rahman Sahib

61. In which year the Prevention of Terrorism Act (POTA) was enacted in India ?
 (A) 1967 (B) 1985
 (C) 1995 (D) 2002
62. The Vice-President
 (A) can be a member of either House of Parliament or a member of any State Legislature.
 (B) cannot be a member of either House of Parliament or a member of any State Legislature.
 (C) can be a member of House of Parliament but cannot be a member of any State Legislature.
 (D) cannot be a member of House of Parliament but can be a member of any State Legislature.
63. The Ninety-Ninth Constitutional Amendment Act
 (A) provides for the formation of a National Judicial Appointments Commission.
 (B) provides Right to Education until the age of fourteen.
 (C) implements Goods and Services Tax Act.
 (D) enable the Parliament to dilute Fundamental Rights.
64. The Election Commission of India was formed on
 (A) 15th August, 1948 (B) 26th November, 1949
 (C) 25th January, 1950 (D) 26th January, 1951
65. The Prime Minister who led the first minority government in India
 (A) Indira Gandhi (B) A.B. Vajpayee
 (C) Deva Gowda (D) V.P. Singh
66. The landmark case in which the Supreme Court upholds Right to Privacy as a Fundamental Right
 (A) K.S. Puttaswamy Vs Union of India
 (B) Kesavananda Bharathi Vs State of Kerala
 (C) Maneka Gandhi Vs Union of India
 (D) Prashant Bhushan Vs Union of India
67. The Sachar Committee is related to which of the following ?
 (A) Equal opportunities (B) Centre-State relations
 (C) Freedom of Press (D) Electoral reforms
68. The Chairman of the Parliamentary Consultative Committee which recommended that panchayats be conferred a constitutional status
 (A) Balwant Rai Mehta (B) Ashok Mehta
 (C) Dr. L.M. Singhvi (D) P.K. Thungan
69. Which amendment added the Ninth Schedule to the Constitution ?
 (A) The First Amendment (B) The Third Amendment
 (C) The Seventh Amendment (D) The Ninth Amendment
70. Instant Triple Talaq is now unconstitutional due to
 (A) the Supreme Court Judgment in Shah Bano Case
 (B) the Supreme Court Judgment in Shayara Bano Case
 (C) the passing of the Muslim Women Bill in Lok Sabha
 (D) All of the above

71. Identify the correct spelling from those given below :
- (A) symmetry (B) symmetry
(C) symetry (D) symetry
72. Fill in the blank space with the correct phrasal verb: "When the bomb _____ everyone ran helter skelter."
- (A) put off (B) fall out
(C) went off (D) sorted out
73. Identify the antonym of the underlined word : "The young gallant, Lochinvar rode in on his steed."
- (A) coward (B) diffident
(C) handsome (D) bold
74. Substitute one word for the underlined phrase : He joined the College to study the branch of science that deals with the study of heavenly bodies.
- (A) Anthropology (B) Astrology
(C) Archaeology (D) Astronomy
75. Complete the proverb : "An idle mind is the _____."
- (A) abode of Gods (B) devil's workshop
(C) route to failure (D) route to success
76. Arrange the following words and phrases in the proper sequence to create a meaningful sentence :
1. plenty 2. there are
3. of fish 4. in the river
- (A) 2, 1, 3, 4 (B) 1, 3, 2, 4
(C) 2, 3, 4, 1 (D) 1, 2, 3, 4
77. Fill in the blank with the correct tense form : "John and his friend _____ for ten minutes."
- (A) is gossiping (B) has been gossiping
(C) are gossiping (D) have been gossiping
78. Fill in the blank spaces with suitable articles : "_____ Rajdhani is one of _____ grandest trains in India."
- (A) a, a (B) a, the
(C) the, the (D) the, a
79. What is the term used to describe a group of fish ?
- (A) School (B) Covey
(C) Mob (D) Battalion
80. Fill in the blank space with a suitable answer from those given below : "Either my shoes or your coat _____ always on the floor."
- (A) are (B) is
(C) be (D) were

81. പദശുദ്ധി വരുത്തുക : യഥോചിഥം

- (A) യഥോചിദം (B) യഥോചിതം
(C) യഥോജിതം (D) യദോചിതം

82. വാക്യശുദ്ധി വരുത്തുക :

വേറെയും പല ഉള്ളൂരിന്റെ കൃതികൾ എന്റെ കൈവശമുണ്ട്.

- (A) വേറെയും ഉള്ളൂരിന്റെ കൃതികൾ എന്റെ കൈവശമുണ്ട്.
(B) പല വേറെയും ഉള്ളൂരിന്റെ കൃതികൾ എന്റെ കൈവശമുണ്ട്.
(C) വേറെയും പല കൃതികൾ ഉള്ളൂരിന്റെ എന്റെ കൈവശമുണ്ട്.
(D) ഉള്ളൂരിന്റെ വേറെയും പല കൃതികൾ എന്റെ കൈവശമുണ്ട്.

83. തന്നിരിക്കുന്ന പദത്തിന്റെ മലയാള പരിഭാഷ എന്ത്?

Compliment

- (A) ആക്ഷേപം (B) പരിഹാസം
(C) പ്രശംസ (D) പ്രതിരോധം

84. ഒറ്റപ്പദമാക്കുക : ദശരഥന്റെ പുത്രൻ

- (A) ദാശരഥി (B) ദശവീരൻ
(C) ദശഗ്രീവൻ (D) ദക്ഷൻ

85. പര്യായപദം എന്ത്?

സിംഹം

- (A) വാരണം (B) അഹി
(C) വാജി (D) കേസരി

86. വിപരീതപദം എന്ത്?

വികാസം

(A) അവികാസം

(B) സങ്കീർണ്ണം

(C) സങ്കോചം

(D) സർവ്വം

87. സമാനപദം കണ്ടെത്തുക : ബന്ധുരം

(A) ബന്ധനം

(B) മനോഹരം

(C) കൂട്

(D) സ്വാതന്ത്ര്യം

88. സ്ത്രീലിംഗമെഴുതുക : കവി

(A) കവിയത്രി

(B) കവയത്രി

(C) കവയിത്രി

(D) കവിയിത്രി

89. പിരിച്ചെഴുതുക : കാവ്യോപകരണം

(A) കാവ്യം + ഉപകരണം

(B) കാവ്യോ + ഉപകരണം

(C) കാവ്യോ + ഉപകരണം

(D) കാവ്യോപ + കരണം

90. കടങ്കഥയുടെ ഉത്തരമെന്ത്?

അമ്മ കറുത്തിട്ട്, മകൾ വെളുത്തിട്ട്, മകളുടെ മകളൊരു സുന്ദരിക്കൊത

(A) കുരുമുളക്

(B) വെള്ളിലംതാളി

(C) വെറ്റില

(D) ജാതിക്ക

91. The brain of a Computer System is

- (A) Arithmetic and Logic Unit (B) Central Processing Unit
(C) Peripheral Devices (D) Control Unit

92. An input device that interprets pencil/pen marks on paper media is

- (A) Optical Mark Reader (B) Punch Card Reader
(C) Optical Scanners (D) Plotters

93. The term phishing is

- (A) An attempt for unauthorized access to a user's system by pretending to be the user.
(B) An attempt to obtain sensitive information from the computer system.
(C) The process of sending same message to large number of internet users.
(D) None of the above.

94. IT Act in India was amended in

- (A) 2004 (B) 2006
(C) 2011 (D) 2008

95. "url" stands for

- (A) Uniform Resource Locator (B) Universe Reform Locator
(C) Uniform Reform Locator (D) Universe Resource Locator

96. Which of the following programming language is classified as low level language ?

(A) COBOL

(B) FORTRAN

(C) JAVA

(D) MASM

97. DES stands for

(A) Digital Evaluation System

(B) Digital Encryption System

(C) Digital Encryption Standard

(D) Digital Evaluation Standard

98. The program that monitors users activity on internet and transmit that information in background to somewhere else is termed as

(A) Spyware

(B) Adware

(C) Malware

(D) Firmware

99. The process of recovering deleted and damaged files from criminal's computers comes under :

(A) Computer Animation

(B) Computer Graphics

(C) Computer Forensics

(D) Computer Organisation

100. HTML is an acronym for

(A) Hyper Text Machine Language

(B) Hyper Transfer Machine Language

(C) Hyper Text Markup Language

(D) Hyper Transfer Markup Language