

31/2019–T

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The next number in the following series is 480, 96, 24, 8,
(A) 2 (B) 3
(C) 4 (D) 6
2. In what time will a train 100 m long cross an electric pole if its speed is 144 km/hr :
(A) 2.5 sec (B) 3.2 sec
(C) 6.1 sec (D) 2.9 sec
3. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. Find out the age of the youngest child.
(A) 4 (B) 8
(C) 10 (D) 3
4. January 1, 2008 is tuesday, what day of the week lies on January 1, 2009.
(A) Monday (B) Wednesday
(C) Thursday (D) Saturday
5. Which of the following number is exactly divisible by 11?
(A) 235641 (B) 245642
(C) 315448 (D) 415448
6. A and B can do a piece of work in 8 days and A alone can do it in 12 days. In how many days can B alone do it?
(A) 16 (B) 12
(C) 15 (D) 24
7. The difference between the compound interest and simple interest for a certain amount for 2 years at 4% rate is 1.6. What is the amount?
(A) 1000 (B) 500
(C) 300 (D) 800

8. The ratio between two numbers is 4 : 5. Their LCM is 120, the sum of numbers is
 (A) 30 (B) 24
 (C) 54 (D) 44
9. In an election between two candidates one who got 75% of the votes won the election by 272 votes. Then the total votes polled is
 (A) 750 (B) 544
 (C) 1150 (D) 816
10. Find the mirror image when the exact time shown in a clock was 6 : 07.
 (A) 5 : 06 (B) 5 : 53
 (C) 6 : 53 (D) 8 : 53
11. The following question consists of a number series which contains a wrong term. This term is given as one of the alternatives among the FOUR numbers given below it. Find out the WRONG term in the following.
 5 27 61 122 213 340 509
 (A) 5 (B) 27
 (C) 61 (D) 216
12. If 'X' means '+' ; '-' means 'X' ; '÷' means '+' ; and '+' means '-' , then
 $(3 - 15 \div 11) \times 8 + 6 =$
 (A) 1 (B) 4
 (C) 8 (D) None of these
13. 4 men and 6 women finish a job in 8 days, while 3 men and w women finish it in 10 days. In how many days will 10 women finish it?
 (A) 20 (B) 30
 (C) 40 (D) None of these
14. LCM of $\frac{2}{3}, \frac{4}{9}, \frac{5}{6}$ is
 (A) $\frac{10}{3}$ (B) $\frac{20}{27}$
 (C) $\frac{8}{27}$ (D) $\frac{20}{3}$
15. 'a' divides 195 leaving a remainder 15. The biggest two – digit value of 'a' is
 (A) 60 (B) 70
 (C) 80 (D) 90

16. Find the correct alternative in the following

a b — a b b a — b a — b a —

(A) a a a a

(B) b b b b

(C) a b b b

(D) a a b b

17. BEAT is written as GIDV, SOUP may be written as

(A) YSXR

(B) XSYS

(C) XSXR

(D) YXSR

18. A man said to women. "Your only brother's son is my wife's brother". How is the women related to the man's wife?

(A) Mother

(B) Sister

(C) Aunt

(D) None of these

19. In a group of five persons A, B, C, D and E :

(1) A and C are intelligent in English and Reasoning

(2) B and C are intelligent in English and General Awareness

(3) E and F are intelligent in Arithmetic and Interview

(4) E is intelligent in Interview, Reasoning and Arithmetic

(5) B and D are intelligent in Arithmetic and General Awareness

Who is intelligent in English, Arithmetic and General Awareness?

(A) A

(B) B

(C) C

(D) E

20. If South – East becomes North, North – East becomes West and so on, what will West become?

(A) South – East

(B) North – East

(C) South – West

(D) North – West

21. Which hormone is injected in pregnant women during child birth?

(A) Estrogen

(B) Vasopressin

(C) Oxytocin

(D) Somatotrophin

22. In the electrical circuit of a house the fuse is used :
- (A) To regulate the current (B) To load
(C) As step – down device (D) As safety device
23. Drinking Soda is :
- (A) Neutral (B) Acidic
(C) Amphoteric (D) Basic
24. A cross between hybrid and either of any parent (Dominant or Recessive) is called :
- (A) Back cross (B) Test cross
(C) Monohybrid cross (D) Dihybrid cross
25. Which metal is widely used for the production of powerful and light weight magnets?
- (A) Zircon (B) Titanium
(C) Neodymium (D) Cerium
26. Which of the following is called as ‘Royal Disease’?
- (A) Anemia (B) Leukemia
(C) Hemophilia (D) Colour blindness
27. A modern concept of Galvanic cells :
- (A) Lithium – ion cell (B) Ni – cd cell
(C) Mercury cell (D) Hydrogen – Oxygen fuel cell
28. The ability of a liquid at extremely low temperature to flow upwards overcoming the force of gravity :
- (A) Super fluidity (B) Evaporation
(C) Levitation (D) Transpiration
29. The scientist who first sent electro magnetic waves to distant places is :
- (A) James Clark Maxwell (B) J.L. Baird
(C) Heinrich Hertz (D) Thomas Alwa Edison
30. In eye donation which one of the following parts of donor’s eye is utilized.
- (A) Iris (B) Lens
(C) Retina (D) Cornea

31. Panchayati Raj System was introduced in Kerala in :
- (A) 1960 (B) 1962
(C) 1965 (D) 1967
32. The Constitution Amendment which is known as Mini Constitution :
- (A) 42nd (B) 73rd
(C) 66th (D) 77th
33. The Viceroy who passed the Vernacular Press Act in 1878?
- (A) Lord Canning (B) Lord Curzon
(C) Lord Rippon (D) Lord Lytton
34. Who is the author of *A Short History of Peasant Movement in Kerala*?
- (A) C. Achyutha Menon (B) Paravoor T.K. Narayana Pillai
(C) E.M.S. Nambudiripad (D) A. K. Gopalan
35. Sardar Sarovar dam is built across the river :
- (A) Mahanadi (B) Godavari
(C) Thapti (D) Narmada
36. How many countries participated in the FIFA Russian World Cup 2018?
- (A) 28 (B) 30
(C) 32 (D) 34
37. Who among the following was the first women President of Indian National Congress?
- (A) Sarojini Naidu (B) Mrs. Annie Besant
(C) Vijayalakshmi Pandit (D) Sucheta Kripalani
38. Who invented Electron?
- (A) Ernest Rutherford (B) James Chadwick
(C) John Dalton (D) J.J. Thomson

39. Founder of Satyashodak Samaj :
- (A) Jyothirao Phule (B) Mahadeva Govinda Ranade
(C) Iswara Chandra Vidya Sagar (D) Swami Dayananda Saraswathy
40. Which among the following days is observed as World Meteorological Day?
- (A) March 20 (B) March 22
(C) March 23 (D) March 3
41. In 1864 John Lawrency, the Viceroy of India, officially moved his council to :
- (A) Manali (B) Shimla
(C) Srinagar (D) Mussoorie
42. Headquarters of survey of India :
- (A) Dehradun (B) Kolkatta
(C) New Delhi (D) Puna
43. Under Civil Disobedience Movement Gandhiji reached Dandi on
- (A) 13th April 1930 (B) 11th March 1930
(C) 26th March 1930 (D) 6th April 1930
44. The famous image of Bharat Mata first created :
- (A) Abanindranath Tagore (B) Rabindranath Tagore
(C) Benkim Chandra Chattopadhyay (D) Devendranath Tagore
45. 'Puduvaipu Era' commenced in memory of :
- (A) Floods of 1341 (B) Floods of 1789
(C) Floods of 1924 (D) Floods of 1899
46. The largest fresh water lake in Kerala :
- (A) Vembanad lake (B) Ashtamudi lake
(C) Sasthamcotta lake (D) Kumbla lake

47. Gate way of Bengal
(A) Chunar (B) Rajmahal hills
(C) Kaligar (D) Teliagarhi
48. The cyclonic storm that hit Andhra Pradesh and Tamilnadu Coasts on 16th December 2018 :
(A) Phethai (B) Okhi
(C) Vardah (D) Gaja
49. First Industrial Worker's strike in India :
(A) Ahmedabad Mill Workers (B) Howrah Railway station Workers
(C) Bombay Mill Workers (D) Industrial workers in Madras
50. First President of All India Trade Union congress :
(A) Lala Lajpat Rai (B) Tilak
(C) Gokhalae (D) Jawaharlal Nehru
51. River that flows eastward direction :
(A) Pamba (B) Periyar
(C) Pambar (D) Thirur
52. Peacock's habitat :
(A) Semi evergreen forest (B) Dry deciduous forest
(C) Moist deciduous forest (D) Shola forest
53. The only live Volcano in India :
(A) Minicoy (B) Andaman
(C) Barren Island (D) Kavarathy
54. Based on Rangarajan Committee Poverty line in rural areas :
(A) ₹ 32 a day (B) ₹ 54 a day
(C) ₹ 35 a day (D) ₹ 47 a day
55. India's first official census took place in :
(A) 1921 (B) 1931
(C) 1781 (D) 1881

56. The apex body to coordinate the rural financial system :
- (A) Land Development Bank (B) Canara Bank
(C) NABARD (D) State Bank of India
57. Golden Revolution introduced in which sector :
- (A) Horticulture (B) Fisheries
(C) Animal husbandary (D) Milk production
58. The scheme introduced to cover insurance for the benefit of workers in the informal sector :
- (A) General insurance
(B) Rashtriya Swastika Bhima Yojana
(C) Am Adni Bhima Yojana
(D) Indira Gandhi National Old age Pension Scheme
59. Employment Guarantee Act enacted in :
- (A) 2006 (B) 2010
(C) 2011 (D) 2005
60. The unique phenomenon of a temple, a Church a mosque and a synagogue situated adjacent to one another within the same compound at :
- (A) Chennamangalam (B) Mattanchery
(C) Erumeli (D) Palayam
61. Who is called the Father of Indian Constitution?
- (A) Rajendra Prasad (B) M.N. Roy
(C) Dr. B.R. Ambedkar (D) K.M. Munshi
62. Part - IV of the Indian Constitution deals with
- (A) Secular State (B) Fundamental Rights
(C) Preamble (D) Directive Principles of State Policy
63. Who is the Head of the Indian Republic?
- (A) Prime Minister (B) Governor
(C) Speaker (D) President of India

64. What is the maximum strength of the Rajya Sabha as per constitutional provisions?
 (A) 240 (B) 245
 (C) 250 (D) 545
65. Who appoints the Judges of the Supreme Court?
 (A) Prime Minister (B) Cabinet
 (C) President (D) Chief Justice
66. When National Human Rights Commission set up?
 (A) 1993 (B) 1995
 (C) 1997 (D) 1999
67. Who conducts examination for appointments to services of the union?
 (A) Union Government (B) Finance Commission
 (C) Election Commission (D) Union Public Service Commission
68. Which articles deals with Right to Equality?
 (A) 25 to 28 (B) 23 to 24
 (C) 19 to 22 (D) 14 to 18
69. Which among the following is considered as the basis of Socio- Economic Democracy in India?
 (A) Directive Principles of state policy (B) Fundamental Rights
 (C) Panchayat Raj (D) Provisions relating to backward class
70. NITI Aayog Replace :
 (A) Finance Commission (B) Planning Commission
 (C) Election Commission (D) Public Service Commission
71. Identify the preposition.
 Mohan has a strong resemblance _____ his elder brother.
 (A) for (B) between
 (C) of (D) to
72. Choose the correct word.
 Do you have your driving _____ with you?
 (A) lisense (B) licence
 (C) laycense (D) liecense

73. Identify the suitable article.
 _____ Mr. Dhanapal has been selected for the post of Manager.
 (A) The (B) An
 (C) A (D) None of these
74. Choose the correct form of verb :
 My son _____ from fever since Monday.
 (A) is suffering (B) has been suffering
 (C) had suffered (D) was suffering
75. Identify the suitable verb :
 Neither the Police inspector nor the police constables _____ able to help us.
 (A) were (B) was
 (C) is (D) can
76. Identify the meaning of italicized words :
 The rule *holds good* for all, irrespective of seniority.
 (A) valid (B) dominate
 (C) get hold of (D) invalid
77. Give one word substitute for _____.
 Twice a year.
 (A) biennial (B) biannual
 (C) bilingual (D) annual
78. Choose the correct word :
 He is waiting for you over _____.
 (A) three (B) their
 (C) thier (D) there
79. Choose the correct option :
 It looks _____ it is going to rain.
 (A) whether (B) if
 (C) since (D) as if
80. Choose the correct word :
 Did you hear the _____ news?
 (A) last (B) later
 (C) latest (D) latter

81. சரியான சொல் எது?
 (A) பல்கலைக்கழகம் (B) பல்கலைக்கழகம்
 (C) பல்கலைக்களகம் (D) பல்கலைக்களகம்
82. அழகு, நிறம் போன்ற பொருளைத் தரும் சொல் எது?
 (A) வண்ணம் (B) மா
 (C) அகம் (D) மெய்
83. பிரித்தெழுதுக : பெருங்காப்பியம்
 (A) பெரு + காப்பியம் (B) பெரிய + காப்பியம்
 (C) பெருமை + காப்பியம் (D) பெருங்காப்பு + இயம்
84. Money Makes Many Things – இதற்கு இணையான தமிழ் பழமொழி எது?
 (A) மனம் இருந்தால் வழி உண்டு (B) ஆழம் தெரியாமல் காலை விடாதே
 (C) பழிக்குப் பழி (D) பணம் பத்தும் செய்யும்
85. பொருள் தருக : 'கனிற்' :
 (A) ஆண் யானை (B) குதிரை
 (C) பசு (D) பெண் யானை
86. கோடிட்ட இடத்தை நிரப்புக :
 _____ பாடம் படித்தான்.
 (A) அவர் (B) அவன்
 (C) அது (D) அவர்கள்
87. கீழ்க்காணும் விடுகதையின் விடை எது?
 “மணமில்லாத பூ மனதை மகிழ்விக்கும் பூ”
 (A) மல்லிகை (B) வாழைப்பூ
 (C) மத்தாப்பூ (D) ரோஜா
88. தொடர்களை இணைத்தெழுதுக :
 “நான் மும்பை சென்றேன் : அவனும் மும்பை சென்றான்”
 (A) நான் மும்பை சென்று அவனும் மும்பை சென்றான்
 (B) நானும் அவனும் மும்பை சென்றோம்
 (C) நான் மும்பை சென்றேன் அவனும் சென்றான்
 (D) நாங்கள் மும்பை சென்றான்
89. Supreme Court – இதன் சரியான தமிழாக்கம் எது?
 (A) உயர்நீதிமன்றம் (B) உச்சநீதிமன்றம்
 (C) அமர்வு நீதிமன்றம் (D) மாவட்ட நீதிமன்றம்
90. படித்தவன் தேர்வில் வெற்றி :
 (A) பெறும் (B) பெறுவர்
 (C) பெறுவான் (D) பெற்றார்கள்

91. What is Somnox Robot?
(A) A robot which improves sleep (B) A robot which sweeps the floor
(C) A robot which cleans the vessels (D) None of the above
92. Phishing is :
(A) an attack in which a program masquerades as another by falsifying data
(B) is the attempt to obtain sensitive information such as username and password
(C) a malicious computer program that masquerades as benign applications or files
(D) a program that replicates itself and damages the computer
93. Father of computer is :
(A) Allen Turing (B) Charles Babbage
(C) Von Newmann (D) Ada Lovelace
94. ROM is :
(A) Non-Volatile Memory (B) Read Only Memory
(C) Primary Memory (D) All the above
95. SMPS is :
(A) Control Unit (B) Printer
(C) Power supply (D) Memory Unit
96. TCP stands for :
(A) Transport Control Processing (B) Transmission Control Protocol
(C) Transport Control Protocol (D) Transmission Control Processing
97. Which of the following is not a search engine?
(A) Bing (B) Yahoo
(C) Google (D) Edge
98. When did IT Act 2000 come into effect?
(A) 7th October, 2000 (B) 17th December, 2000
(C) 17th October, 2000 (D) 7th December, 2000
99. One Giga byte contains :
(A) 1024 megabytes (B) 1024 kilobytes
(C) 1024 bytes (D) None of the above
100. Which of the following is not an input device?
(A) Speaker (B) Track ball
(C) Joystick (D) Light pen
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