

MODEL QUESTION PAPER SET - 4

1. The internet browser developed in India:
 - (a) Bhuvan
 - (b) Epic
 - (c) Viswasth
 - (d) Gagan
 2. The Chairman of 14th finance commission?
 - (a) Vinod Rai
 - (b) K.C. Neogy
 - (c) Y.B. Chavan
 - (d) Y.V. Reddy
 3. Which state is famous for 'Dairy co-operatives in India
 - (a) Kerala
 - (b) UP
 - (c) Tamil Nadu
 - (d) Gujarat
 4. The 2012 NATO summit was held in:
 - (a) Brussels
 - (b) Monce
 - (c) Chicago
 - (d) Paris
 5. 'Deccan Education Society' was founded by
 - (a) N.M.Joshi
 - (b) B.M. Malabari
 - (c) Gopal Ganesh Agarkar
 - (d) E. V. Ramaswami Naikar
 6. Kerala Legislative Assembly Complex was inaugurated by
 - (a) V.V. Giri
 - (b) Sankar Dayal Sharma
 - (c) Gyani Zailsingh
 - (d) K.R. Narayanan
 7. To be considered a computer crime, what needs to be involved in the Crime ?
 - (a) Technology
 - (b) Computers
 - (c) Data
 - (d) Networks
 8. The largest lake in Kerala
 - (a) Kayamkulam lake
 - (b) Ashtamudi lake
 - (c) Shasthamkotta
 - (d) Vembanad lake
 9. Gibberellins was isolated from
 - (a) Bacteria
 - (b) Fungus
 - (c) Algae
 - (d) Viruses
 10. In the Union Cabinet A.K.Antony is in charge of the portfolio:
 - (a) Home
 - (b) External Affairs
 - (c) Defence
 - (d) Finance
 11. 'Ramgiri' gold field is situated in
 - (a) Tamil Nadu
 - (b) Rajasthan
 - (c) Andhra Pradesh
 - (d) Karnataka
 12. ALU is
 - (a) Arithmetic Logic Unit
 - (b) Array Logic Unit
 - (c) Application Logic Unit
 - (d) None of above
 13. When ice melts in a beaker of water, the level of water in the beaker will:
 - (a) increase
 - (b) decrease
 - (c) remains the same
 - (d) first increase and then decrease
 14. A Presidential candidate has to make a Security deposit of
 - (a) 15000
 - (b) 5000
 - (c) 50000
 - (d) 10000
 15. To recover files from a backup, you perform a _____
 - (a) restore
 - (b) scan
 - (c) unerase
 - (d) copy
 16. Which company launched the small car 'Pulse'?
 - (a) Nissan
 - (b) Ford
 - (c) Suzuki
 - (d) Renault
 17. The physical arrangement of elements on a page is referred to as a document's
 - (a) Features
 - (b) Format
 - (c) Pagination
 - (d) Grid
 18. Article 123 of Indian Constitution deals with
 - (a) Money bill
 - (b) Pocket veto
 - (c) Ordinance
 - (d) Pardoning power
 19. The energy source of the sun is:
 - (a) Nuclear fusion
 - (b) Nuclear fission
 - (c) Solar wind
 - (d) None of these
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20. The pass which is connecting Kollam and Madurai.
 (a) Palakkad gap (b) Shenkotta
 (c) Bhor Ghat (d) Thal Ghat
21. Zero Airport is situated in
 (a) Goa
 (b) Ranchi
 (c) Mekhalaya
 (d) Arunachal Pradesh
22. The is the box that houses the most important parts of a computer system.
 (a) Software (b) Hardware
 (c) Input device (d) System unit
23. The largest dwarf planet
 (a) Sirius (b) Pluto
 (c) Ceres (d) Eris
24. Bharananganam Church is in
 (a) Ernakulam (b) Kottayam
 (c) Pathanamthitta (d) Kannur
25. The winner of the Ranji Trophy Cricket Championship 2012:
 (a) Mumabi (b) Railways
 (c) Tamil Nadu (d) Rajasthan
26. Soda water contains
 (a) Nitrous acid
 (b) Hydrogen Peroxide
 (c) Carbon dioxide
 (d) Formic acid
27. Channar rebellion held in
 (a) 1859 (b) 1857 (c) 1858 (d) 1856
28. The hangar unit of Air India was inaugurated by Vayalar Ravi at:
 (a) Thiruvananthapuram
 (b) Kochi
 (c) Kozhikode
 (d) Kannur
29. Section _____ of Information Technology Act deals with power of Central Government to make rules in respect of digital signature.
 (a) 7 (b) 8 (c) 9 (d) 10
30. Gobar gas mainly contains
 (a) Ethylene (b) Methane
 (c) Nitrogen (d) Oxygen
31. Which of the following state is the largest producer of the golden coloured 'Muga' silk?
 (a) Chhattisgarh (b) Bihar
 (c) Assam (d) Arunachal Pradesh
32. Deficiency of Vitamin B₁ causes
 (a) Cancer (b) Beriberi
 (c) Appendicitis (d) Scurvy
33. What is the transfer rate of a standard USB 2.0 Device ?
 (a) 100 Mbit/s (b) 480 Mbit/s
 (c) 1Gbit/s (d) 250 Mbit/s
34. Which Commission enquired into Adarsh Housing Society Scam?
 (a) C.Rangarajan (b) Madhav Gadgil
 (c) Js.J.A.Patel (d) Vijay Kelkar
35. The prochancellor of Kerala University
 (a) Governor
 (b) Minister of education
 (c) Chief justice
 (d) Chief Minister
36. Where is the head quarters of coirfed?
 (a) Kasaragod (b) Trivandrum
 (c) Alappuzha (d) None of these
37. The designation of 'Cheif Justice' in India was introduced by?
 (a) Portuguese (b) Dutch
 (c) French (d) English
38. The classical experiments on phototropism were performed by
 (a) Darwin and Lamarck
 (b) Boysen and Darwin
 (c) Lamark and Boysen
 (d) DeVries and Paul

39. The first English Diwan of Travancore.
 (a) Col. Munro (b) Col Meccaly
 (c) Col. Gregor (d) Col. Samuel
40. American constitution is
 (a) partly flexible (b) flexible
 (c) rigid (d) None of these
41. The former Diwan of Kochi who became the first finance minister of independent India.
 (a) John Mathai
 (b) C. Achuthamenon
 (c) R.K. Shanmukhan Chetty
 (d) C.P. Karunakaran
42. A software used to convert source program instructions to object instruction is known as
 (a) Compiler
 (b) Assembler
 (c) Interpreter
 (d) Language processor
43. First Multiplex theater in Kerala is at
 (a) Alappuzha (b) Kollam
 (c) Kochi (d) Thiruvananthapuram
44. Who is the Director General of UNESCO?
 (a) Irina Bakova (b) Margaret Chan
 (c) Jim Yong Kim (d) Asha Rose Migiro
45. The Lokayukta and Upalokayuktas are removed by the President on the recommendation of the
 (a) Chief Minister (b) President
 (c) Parliament (d) State Assembly
46. Which hormone is associated with phototropism
 (a) Abscisic Acid (b) Gibberellic Acid
 (c) Auxin (d) Cytokinin
47. Sarva Siksha Abhiyan was launched in
 (a) 2000 (b) 1994 (c) 2002 (d) 2001
48. Indian Airforce Academy is situated at
 (a) Coimbatore (b) Hyderabad
 (c) Jalahalli (d) Secunderabad
49. Anti Terrorist Day is observed on the death anniversary of
 (a) Indira Gandhi (b) Rajiv Gandhi
 (c) Mahatma Gandhi (d) Dhyan Chand
50. Raja Sansi airport is in ?
 (a) Ludhina (b) Amritsar
 (c) Haryana (d) Bangalore
51. Who founded the Asiatic Society of Bengal?
 (a) Dadabai Naoroji
 (b) William Johns
 (c) Gopalakrishna Gokhale
 (d) N.M. Joshi
52. Computer Programs are covered under____
 (a) Patent
 (b) Infringement of personal information
 (c) Geographical Indications
 (d) Copyright
53. The first Monorail in India was test run in:
 (a) Kolkata (b) Mumbai
 (c) Chennai (d) New Delhi
54. Flowering in short day plant is promoted by
 (a) Auxins (b) Cytokinins
 (c) Gibberellins (d) Ethylene
55. Spiti valley is situated in
 (a) Jammu and Kashmir
 (b) Uttar Pradesh
 (c) Himachal Pradesh
 (d) Arunachal Pradesh
56. Which Ay ruler is known as the 'Lord of podiyil mountain'.
 (a) Titiyan (b) Atiyan
 (c) Ay Antiran (d) Karunandadakan
57. Famous Hill palace museum is at
 (a) Tripunithura (b) Kodanad
 (c) Irapuram (d) Edappally
58. Who called preamble as 'the identity card' of the constitution?
 (a) K.M. Munshi
 (b) Thakurdas Bhargava
 (c) Earnest Barkar
 (d) N.A. Palkivala

59. 'Komaran' is the earlier name of
 (a) Sreenarayana Guru
 (b) Chattampiswamikal
 (c) Poikayil Yohannan
 (d) Kumaranasan
60. Who lead the revolt of 1857 in Bareilly?
 (a) Khan Bahadurkhan
 (b) Nanasahib
 (c) Begum Hazrath Mahal
 (d) Lekshmi Bai
61. It is no use _____ about that
 (a) worry (b) worried
 (c) worrying (d) to worry
62. I saw _____ one eyed man.
 (a) that (b) the (c) a (d) an
63. Since your handwriting is practically _____ I can hardly read it .
 (a) illegitimate (b) ineligible
 (c) eligible (d) illegible
64. While Suma was reading her lesson, her friend _____ a word.
 (a) put across (b) put up
 (c) put in (d) put out
65. I have lived here _____ 1990.
 (a) since (b) in
 (c) for (d) about
66. The word 'imbibe' means
 (a) ejects (b) discharge
 (c) assimilate (d) amass
- 67.. Mary _____ French very well.
 (a) is speaking (b) are speaking
 (c) speaks (d) speak
68. Our college is 'within a stone's throw' from here.
 (a) very far off
 (b) at a very short distance
 (c) two and a half miles away
 (d) none of the above
69. He takes after his father. (In this sentence 'takes after' means)
 (a) care (b) resemble
 (c) accuse (d) praise
70. Ravi goes to college _____ foot
 (a) on (b) by
 (c) through (d) at
71. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
 (a) 39 (b) 45 (c) 78 (d) 91
72. Tanvi started a business, investing Rs.45000. After 8 months Anisha joined her with a capital of Rs.52,000. At the end of the year the total profit was Rs.56,165. What is the share of the profit of Anisha ?
 (a) Rs.21,450 (b) Rs.24,400
 (c) Rs.15,618 (d) 31,765
73. The value of $\frac{(-1)^{132}}{5^{-1} + 3^{-1}}$ equals
 (a) $\frac{132}{15}$ (b) (c) (d)
- ~~185~~
~~187~~ 74. The smallest of the fractions given below is
 (a) (b) $\frac{11}{12}$ (c) $\frac{23}{28}$ (d) $\frac{13}{14}$
75. A man on tour travels first 160 km at 64 km/hr. and the next 160 km at 80 km/hr. The average speed for the first 320 km of the tour is :
 (a) 35.55 km/hr. (b) 36 km/hr.
 (c) 71.11 km/hr. (d) 71 km/hr.
76. How many numbers from 11 to 50 are there which are exactly divisible by 7 but not by 3.
 (a) 2 (b) 4 (c) 5 (d) 6
77. Some boys are sitting in a row. P is sitting 14th from the left and Q is 7th from the right. If there are four boys between P and Q, how many boys are there in the row ?
 (a) 25 (b) 23 (c) 21 (d) 19

78. Five boys took part in a race. Raju finished before Sanju but behind Renju. Akash finished before Sanjeev but behind Sanju. Who won the race ?
 (a) Renju (b) Sanju
 (c) Sanjeev (d) Raju
79. A train moves with a speed of 108 kmph. Its speed in metres per second is
 (a) 10.8 (b) 18 (c) 30 (d) 38.8
80. In an examination 35% of the students passed and 455 failed. How many students appeared for the examination ?
 (a) 490 (b) 700 (c) 845 (d) 1300
81. 5, 9, 17, 29, 45, _____
 (a) 60 (b) 65 (c) 68 (d) 70
82. Tick the sequence that you think is the most appropriate.
 1. Travel 2. Payment
 3. Destination 4. Reservation
 5. Seat number.
 (a) 2, 4, 5, 1, 3 (b) 5, 3, 1, 4, 2
 (c) 3, 5, 1, 2, 4 (d) 3, 4, 2, 1, 5
83. 35% of a number is 899.5. What is 68% of that number ?
 (a) 1712.9 (b) 1747.6
 (c) 1696.2 (d) 1773.3
84. A, B and C started a shop by investing Rs. 27,000, Rs. 81,000 and Rs. 72,000 respectively. At the end of the year the profit was distributed in the ratio of their investment. If B's share of profit be Rs. 36,000, the total profit (in Rs.) was
 (a) 90000 (b) 85000
 (c) 80000 (d) 75000
85. Interrupt : Speak ::
 (a) Shout : Yell (b) Intrude : Enter
 (c) Concede : Defend (d) Interfere : Assist
86. Which is the one that does not belong to a group ?
 (a) Flute (b) Guitar
 (c) Veena (d) Sarod
87. If L denotes \times , M denotes \div , P denotes $+$ and Q denotes $-$, then
 $16P 24M 8Q 6M 2 L3 = ?$
 (a) (b) (c) 4 (d) 10
88. If 12 men or 18 women can finish a job in 14 days, then the number of days that 8 men and 16 women will take to finish the same job is :
 (a) 5 (b) 7 (c) 8 (d) 9
89. Two years ago, the ratio of the ages of Sonu, and Meenu was 5:7 respectively. Two years hence the ratio of their ages will be 7:9 respectively. What is the present age of Meenu.
 (a) 16 years (b) 14.5 years
 (c) 12 years (d) Cannot be determined
90. A certain distance is covered by a cyclist at a certain speed. If a jogger covers half the distance in double the time, the ratio of the speed of the jogger to that of the cyclist is:
 (a) 1 : 2 (b) 2 :1 (c) 1 :4 (d) 4 :1

91. പരലോകത്തെ സംബന്ധിച്ചത് ഒറ്റപ്പദം ഏത്?
 (എ) പാരത്രികം (ബി) ഐഹികം
 (സി) സ്വർഗ്ഗീയം (ഡി) നരകം
92. പക്ഷങ്ങളുള്ളത്
 (എ) പക്ഷം (ബി) പക്ഷഭേദം
 (സി) പക്ഷി (ഡി) ശലഭം
93. “കൊടുകൊറ്റയർത്തിയകാലം” ആരുടെ ആത്മകഥയാണ്?
 (എ) ജോസഫ് മുണ്ടശ്ശേരി
 (ബി) ജോസഫ് ഇടമറുക
 (സി) ജോസഫ് വടക്കൻ
 (ഡി) ഇ.ജെ. ഫിലിപ്പ്
94. ‘പങ്കിപ്പണിക്കർ’ ആരുടെ കഥാപാത്രമാണ്?
 (എ) അപ്പുനെടുങ്ങാടി
 (ബി) ബഷീർ
 (സി) തക്ഷി
 (ഡി) സി.വി. രാമൻപിള്ള
95. ശബ്ദതാരാവലി ഏത് സാഹിത്യ വിഭാഗത്തിൽപ്പെടുന്നു?
 (എ) വൃത്തശാസ്ത്രം
 (ബി) അലങ്കാര ശാസ്ത്രം
 (സി) നിഘണ്ടു
 (ഡി) ചിഹ്നങ്ങൾ

96. ഹെൽക്കൂടം സന്ധി ഏത്?
 (എ) ആദേശം (ബി) ലോപം
 (സി) ആഗമം (ഡി) ദിതം
97. രാപകൽ - സമാസമേത് ?
 (എ) ദന്ദൻ (ബി) ദിഗു
 (സി) അവ്യയീഭാവൻ (ഡി) തൽപ്പുരുഷൻ
98. ഭൂത പ്രത്യയമേത്
 (എ) ഉന്നു (ബി) ഉം (സി) തു (ഡി) ഇ
99. Fraction എന്ന പദത്തിനു തുല്യമായ മലയാളപദം
 (എ) ഭിന്നതലം (ബി) ഭിന്നരൂപം
 (സി) ഭിന്നസംഖ്യ (ഡി) ഇതൊന്നുമല്ല
100. ഗഗനത്തിൽ ചരിക്കുന്നവൻ - ഒറ്റപ്പദമേത്?
 (എ) ആകാശചാരി (ബി) ഗഗനചാരി
 (സി) വ്യോമചാരി (ഡി) ഇതൊന്നുമല്ല

Answers (Set - 4)

1. (b) 2. (d) 3. (d) 4. (c) 5. (c) 6. (d) 7. (b) 8. (d) 9. (b) 10. (c)
 11. (c) 12.(a) 13. (c) 14.(a) 15. (a) 16. (d) 17. (b) 18.(c) 19.(a) 20. (b)
 21. (d) 22.(d) 23. (d) 24.(b) 25. (d) 26. (c) 27. (a) 28.(a) 29.(d) 30. (b)
 31. (c) 32.(b) 33. (b) 34.(c) 35. (b) 36. (c) 37. (d) 38.(b) 39.(a) 40. (c)
 41. (c) 42.(d) 43. (c) 44.(a) 45. (d) 46. (c) 47. (d) 48.(b) 49.(b) 50. (b)
 51. (b) 52.(d) 53. (b) 54.(b) 55. (c) 56. (c) 57. (a) 58.(d) 59.(c) 60. (a)
 61. (c) 62.(c) 63. (d) 64.(a) 65. (a) 66. (c) 67. (c) 68.(b) 69.(b) 70. (a)

71. (d) Except 91, others are multiples of 3.

72. (c) Tanvi Anisha
 45000 × 12 months → 52000 × 4 months
 540000 → 208000
 540 → 208
 Ratio of deposits of Tanvi and Anisha =
 135 : 52

Share profit of Anisha = 56165 ×
 = 15618

73. (d) $\frac{(-1)^{132}}{5^{-1} + 3^{-1}} = \frac{1}{\frac{1}{5} + \frac{1}{3}} = \frac{1}{\frac{8}{15}} = \frac{15}{8}$

74. (c) The smallest fraction has the difference between denominator and numerator is high

i.e, $\frac{9}{10} \rightarrow \text{difference} = 1$

$\frac{11}{12} \rightarrow \text{difference} = 1$

$\frac{23}{28} \rightarrow \text{difference} = 5$

$\frac{52-14}{187} \frac{13}{14} \rightarrow \text{difference} = 1$

75. (c)

76. (d) $n = \frac{t_n - t_1}{d} + 1$
 $t_n = 49$
 $t_1 = 14$
 $d = 7$

∴ $n = \quad + 1$

$= \frac{35}{7} + 1 = 5 + 1 = 6$

77. (a) Number of boys are in the row
 = (14+7)+4 = 25

78. (a) Sanju < Raju < Renju & Sanju > Akash > Sanjeev
 ⇒ Sanjeev < Akash < Sanju < Raju < Renju

79. (c) Speed = 108 km/hr
 = $108 \times \frac{5}{18}$ m/s
 = 30 m/s
80. (b) Number of students $\times 65\% = 455$
 Number of students = $\frac{455 \times 100}{65} = 700$
81. (b) 5, $\overset{+4}{\curvearrowright}$ 9, 17, $\overset{+8}{\curvearrowright}$ 25, 33, $\overset{+12}{\curvearrowright}$ 45, $\overset{+16}{\curvearrowright}$ 61, $\overset{+20}{\curvearrowright}$ 81
82. (a)
83. (b) Let the number be x.
 $x \times 35\% = \frac{8995}{10}$
 $x \times \frac{35}{100} = \frac{8995}{10}$
 $x = \frac{8995 \times 100}{35 \times 10} = 2570$
 68% of 2570
 = $\frac{68}{100} \times 2570$
 = $\frac{17476}{10} = 1747.6$
84. (c) Ratio of A, B & C = 3 : 9 : 8
 B's share = Total profit $\times \frac{9}{20}$
 $36000 = \text{Total profit} \times \frac{9}{20}$
 Total profit = $\frac{20 \times 36000}{9} = 80000$
85. (d)
86. (a) Except flute, other music instruments play by hands

87. (d) 16P24M8Q6M2L3
 = $16+24+8-6 \div 2 \times 3$
 = $16+3-3 \times 3$
 = $16+3-9 = 10$
88. (d) $12m = 18w$
 $2m = 3w$
 $m = \frac{3}{2}w$
 $8m + 16w = 8 \times \frac{3}{2}w + 16w = 12w + 16w$
 = 28
 If 18w can finish a job in 14 days
 then 28w can finish the same job in
 $\frac{18 \times 14}{28}$ days.
 i.e 9 days
89. (a) Two years ago the ages of Sonu and Meenu are $5x$ and $7x$ respectively
 After 2 years,
 $\frac{455 \times 100}{18 \times 65} \times \frac{5x+4}{7x+4} = \frac{7}{9}$
 $45x + 36 = 49x + 28$
 $4x = 8$
 $x = 2$
 Present age of Meenu = $7x+2$ years
 = $14+2 = 16$ years
90. (c) Jogger's speed = $\frac{1}{2} = \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$
 Let speed of cyclist be 1 and speed of jogger be $\frac{1}{4}$
 then ratio of jogger to that of cyclist
 = $\frac{1}{4} : 1 = 1 : 4$
91. (എ) 92. (സി) 93. (ബി) 94. (ഡി)
 95. (സി) 96. (എ) 97. (എ) 98. (സി)
 99. (സി) 100. (ബി)