

123/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Which is the smallest number when increased by 5 is divisible by 27 and 21?
(A) 179 (B) 164
(C) 184 (D) 189
2. The cost price of 10 articles is equal to the selling price of 8 articles. Find the profit percent:
(A) 50 (B) 25
(C) 12.5 (D) 20
3. In an election between two candidates, the candidate who secures 30% votes is defeated by 4360 votes. Find the number of votes secured by the winning candidate:
(A) 7490 (B) 7630
(C) 7080 (D) 7070
4. A purse contains coins of 2 Rupees, 1 Rupee, 50 paise and 25 paise in the ratio 1:2:4:8. If the total amount is Rs.600, then the number of 25 paise coins exceeding those of 50 paise coins is :
(A) 300 (B) 200
(C) 100 (D) 400
5. A train 240 m long is moving at a speed of 25 Km/hr. In how much time will it cross a man coming from the opposite direction at a speed of 2 Km/hr :
(A) 36 sec (B) 42 sec
(C) 46 sec (D) 32 sec
6. When the minute and hour hands of a clock shows 7'O clock, the angle between them is :
(A) 90° (B) 130°
(C) 150° (D) 120°
7. A and B together can do a work in 24 days. A alone can do it in 40 days. In how many days can B do it alone?
(A) 60 (B) 120
(C) 80 (D) 96

8. If a sum of money at simple interest doubles in 7 years, it will become four times in :
- (A) 12 years (B) 18 years
(C) 14 years (D) 21 years
9. Three years ago, Sanju's age was double of Sheeja's. Seven years hence the sum of their ages will be 86 years. The age of Sanju today is :
- (A) 44 (B) 30
(C) 47 (D) 36
10. A sphere of maximum size is carved out of a solid wooden cylinder of diameter 15 cm and height 12 cm. Find the volume of the sphere in cm^3 :
- (A) 248π (B) 288π
(C) 276π (D) 236π
11. Compute $\frac{1}{0.1} + \frac{0.1}{0.01} + \frac{0.01}{0.001} + \frac{0.001}{0.0001}$:
- (A) 0.004 (B) 4
(C) 40 (D) 1.111
12. Find the next term in the sequence:
B, C, E, G, K :
- (A) M (B) N
(C) O (D) P
13. Find the next term in the sequence:
2, 9, 28, 65, 126 :
- (A) 260 (B) 257
(C) 217 (D) 327
14. If FRIEND is coded as GQJDOC then ENEMY is coded as :
- (A) DODNX (B) FMFLZ
(C) DMDLX (D) FOFNZ
15. Ramu, who is facing east, turns 405° in the anti-clock-wise direction and then 45° in the clock wise direction. Which direction is he facing now?
- (A) North East (B) West
(C) North West (D) East

16. Statements:
All birds are black.
Some crows are black.
Which of the following conclusions follows logically from the above two statements?
Conclusion 1: All birds are crows.
2: Some crows are not black.
- (A) Only conclusion 1 follows (B) Neither 1 nor 2 follows
(C) Only conclusion 2 follows (D) Both 1 and 2 follows
17. Choose the word which best expresses the meaning of the word BRIEF :
- (A) LIMITED (B) SMALL
(C) SHORT (D) LITTLE
18. If 1999 January 1 is Friday, which of the following year starts with Friday?
- (A) 2005 (B) 2006
(C) 2008 (D) 2010
19. A man builds a house rectangular in shape. All sides have southern exposure. A big bear walks by. What colour is the bear?
- (A) White (B) Black
(C) Brown (D) Can't say
20. Find the odd one out :
- (A) Square (B) Cube
(C) Sphere (D) Cylinder
21. Electromyograph is a diagnostic test of :
- (A) Lungs (B) Muscles
(C) Veins (D) Blood
22. Mango juice is obtained from :
- (A) Mesocarp (B) Epicarp
(C) Endocarp (D) Pericarp
23. An antiviral chemical produced by the animal cell :
- (A) Hormone (B) Virone
(C) Interferon (D) Cystone
24. Which is the "black death" disease?
- (A) Avian flue (B) Swine flue
(C) Plague (D) Malaria

25. The critical angle of a wave will be refracted to :
(A) 60 degree (B) 90 degree
(C) 50 degree (D) 80 degree
26. Elephantiasis disease is transmitted by :
(A) Sand fly (B) Anopheles mosquito
(C) House fly (D) Culux mosquito
27. Pheromones are :
(A) Endohormones (B) Ectohormones
(C) Growth regulators (D) None of these
28. Carbylamine test is a diagnostic test :
(A) Primary amine (B) Secondary amine
(C) Tertiary amine (D) Quartery amine salts
29. The time taken by individual blood cell to make a complete circuit of the body :
(A) 65 seconds (B) 60 seconds
(C) 70 seconds (D) 75 seconds
30. The study of action of drugs is known as :
(A) Pharmacology (B) Pharmacognosy
(C) Pathology (D) Pharmaceutical
31. Indian super league trophy related to :
(A) Cricket (B) Hockey
(C) Tennis (D) Foot ball
32. Who is the chief organiser of Bachpen Bachavo Andolan?
(A) Vandana Rao (B) Kailash Sathyarathi
(C) Sundarlal Bahuguna (D) None of the above
33. The operation Kubera related to :
(A) Promotion of BPL community (B) Economic development of farmers
(C) Eliminating Blade Maffia (D) Economic development of the state

34. Present Minister for transport in Kerala :
- (A) Thiruvanchur Radhakrishnan (B) Aryadan Muhammed
(C) Adoor Prakash (D) Anil Kumar
35. In which nation carried observator rank in United Nation Organisation?
- (A) Palestine (B) United states of America
(C) Russia (D) Switzerland
36. Insurance protection to BPL community is known as :
- (A) Am Adami Yojana (B) Jawahar Rosgar Yojana
(C) Janasree Bhima Yojana (D) None of the above
37. Indian Prime Minister Narendra Modi represented the Lokhsabha constituency of :
- (A) Varanasi (B) Ahmedabad
(C) Gandhinagar (D) Lucknow
38. Winner of the Vayalar award 2014 – was :
- (A) Subash Chandran (B) Sugatha Kamari
(C) K.R. Meera (D) Civic Chandran
39. One among the chief justice of India became the governor of a state :
- (A) M.K. Narayanan (B) Sadasivam
(C) Nikhil Kumar (D) Ram Dulari Sinha
40. One of the cricketer to score double century twice in one day international cricket :
- (A) Sachin Tendulkar (B) Brian Lara
(C) Sayyed Anwar (D) Rohit Sharma
41. Which is the only State in India with an ethnic Nepali majority?
- (A) Nagaland (B) Meghalaya
(C) Manipur (D) Sikkim
42. The biosphere reserve Dehang Debang is located in :
- (A) Arunachal Pradesh (B) Uttarakhand
(C) Bihar (D) Jammu and Kashmir
43. Who authorized the book 'Poverty and Un-British Rule' in India?
- (A) Prof. VKRV Rao (B) Prof. P.C. Mahalanobis
(C) Prof. S.D. Tendulkar (D) Dadabhai Naoroji

44. Rashtriya Mahila Kosh (National Credit Fund for Women) was set up in :
(A) 1990 (B) 1993
(C) 1992 (D) 1991
45. On which river the Baglihar Hydro-power project is located?
(A) Brahmaputra (B) Chenab
(C) Beas (D) Ravi
46. The slogan of Census 2011 was
(A) Our Census, Our Future (B) Our Land, Our World
(C) For a Good Morrow (D) Towards a Better State
47. Which personality is not associated with Ghadar party?
(A) Lala Hardayal (B) Taraknath Das
(C) Lala Lajpat Rai (D) Sohan Singh Bakhna
48. The term 'budget' has been derived from the French word 'bougette', which means :
(A) Allocation (B) Pouch
(C) Emolument (D) Money
49. Who founded the 'Free India Society'?
(A) Aruna Asaf Ali (B) Rabindranath Tagore
(C) Madam Bhikaji Cama (D) Mohammed Ali Jinnah
50. Which was the only national movement without a leader?
(A) Quit India Movement (B) Non Co-operation Movement
(C) Civil Disobedience Movement (D) Khilafat Movement
51. The first Malayali appeared in Indian postal stamp :
(A) Alphonsamma (B) Sreenarayana Guru
(C) K.Kelappan (D) Ayyankali
52. Which district in Kerala is known as Gateway of Kerala?
(A) Kasargode (B) Thiruvananthapuram
(C) Idukki (D) Palakkad

53. The man who formed Prathyaksha Raksha Daiva Sabha?
- (A) Elias Chavara (B) Poykayil Yohannan
(C) Pandit Karuppan (D) Samuel Mateer
54. Who is known as Lincoln of Kerala?
- (A) Pandit Karuppan (B) Ayyankali
(C) Sahodharan Ayyappan (D) Chattampi Swamikal
55. Who among the following is responsible for Noon day meals in Schools?
- (A) Joseph Mundasseri (B) Herman Gundert
(C) Ringeltaube (D) Kuriakose Elias Chavara
56. Atmavidya Sangam was founded by :
- (A) Vaikunda Swamikal (B) Vagbhatanada
(C) Manjeri Ramayyar (D) Annie Beasant
57. Who founded Ananda Maha Sabha?
- (A) Brahmananda Swami Sivayogi (B) Vagbhatanada
(C) Chattampi Swamikal (D) Dr.Palpu
58. Who is the author of Christumatha Nirupanam?
- (A) K.V.Simon (B) Samuel Mateer
(C) Chattampi Swamikal (D) Herman Gundert
59. Who introduced Pantibhojan for the first time in Travancore?
- (A) Ringal Taube (B) Rheed
(C) Thycaud Ayya Swamikal (D) Vaikunda Swamikal
60. The author of the book "Treatment of Thiyyas in Travancore" :
- (A) Dr. Palpu (B) Dr. Sugathan
(C) Sreenarayana guru (D) Kumaranasan
61. A nation which has an elected head of the state is known as :
- (A) Democracy (B) Monarchy
(C) Republic (D) Aristocracy

62. In India the constitution provides for :
- (A) Dual citizenship (B) Single citizenship
(C) Triple citizenship (D) None of the above
63. Fundamental Duties are incorporated to the constitution under the recommendation of :
- (A) Sapru committee report (B) Nehru committee report
(C) Swaran Singh committee report (D) Shah commission report
64. Which Article helps the Rajya Sabha to take initiative in the creation of one or more All India Service?
- (A) Article: 325 (B) Article: 370
(C) Article: 324 (D) Article: 312
65. The Indian President is elected by :
- (A) An electoral college (B) The party in power
(C) The opposition party (D) None of the above
66. Which right is known as the "Heart and Soul of the Indian Constitution"?
- (A) Right to Constitutional Remedies (B) Right to Freedom
(C) Right to Religion (D) Right to Equality
67. In which year the National Commission for Women (NCW) is constituted?
- (A) 1992 (B) 1985
(C) 2000 (D) 2010
68. India, that is Bharat, shall be a :
- (A) Union of States (B) Federation
(C) Confederation (D) Totalitarian state
69. Which Constitutional Amendment Act provides for the creation of National Commission for Scheduled Tribe?
- (A) 86th (B) 89th
(C) 42nd (D) 61st
70. Who is the Present Comptroller and Auditor General (CAG) of India?
- (A) H. L. Dattu (B) D. P. Agarwal
(C) C. Reguram Raj (D) Shashi Kant Sharma

71. Neither Sinu nor Ritu _____ the answer to this question.
(A) know (B) knows
(C) known (D) none of these
72. Ravi said, "I am going back next week":
(A) Ravi said that he was returning the following week
(B) Ravi said that he will be returning the following week
(C) Ravi said that he is returning the following week
(D) Ravi said that he shall be returning the following week
73. I am new to this place. I have not _____ adjusted to the climate.
(A) now (B) yet
(C) just (D) only
74. The temple is _____ down the lane.
(A) farther (B) little
(C) A little (D) further
75. Capital punishment is considered as _____ ultimate punishment for any crime.
(A) a (B) an
(C) the (D) none of these
76. Find a one word for "courage excited by wine":
(A) Dutch courage (B) Port courage
(C) Swiss courage (D) French courage
77. Find out the correct tense of the verb :
A dozen oranges _____ (buy) for Rs. 50
(A) is bought (B) was bought
(C) were bought (D) none of the above
78. Kerala is famous _____ its beautiful scenery.
(A) of (B) by
(C) with (D) for

79. Arun filed a _____ In the High Court.
- (A) suite (B) suit
(C) suiting (D) suited
80. Which of the following pair is wrong?
- (A) Glass-glasses (B) Lion-lioness
(C) Leaf-leaves (D) Wolf-wolves
81. Antyodaya Anna Yojana (AAY) is connected with :
- (A) Special nutrition programme (B) Mid-day meal
(C) Public distribution system (D) None of the above
82. The scheme of Balika Samridhi Yojana was launched by Govt. of India with the objective to :
- (A) Negative family and community attitudes towards the girl child at birth and towards her mother
(B) Improve enrolment and retention of girl children in schools
(C) Raise the age at marriage of girls
(D) All the above
83. The beneficiaries of Indira Awaas Yojana (IAY) are selected from :
- (A) The list of members of ST community approved by the Grama Sabha
(B) The poorest of the poor list approved by the Grama Sabha
(C) The Below Poverty Line (BPL) list approved by the Grama Sabha
(D) None of the above
84. Which of the following is a service provided under the Integrated Child Development Services (ICDS) Scheme?
- (A) Immunization (B) Pre-school non-formal education
(C) Referral services (D) All the above
85. Release of instalments in cash to beneficiaries is :
- (A) Not permissible under IAY
(B) Permissible under IAY
(C) Permissible under IAY if certain conditions are satisfied
(D) Funds are released under IAY in lump sum

86. The benefits of Balika Samridhi Yojana are restricted to :
- (A) One girl child in a household irrespective of number of children in the household
 - (B) Two girl children in a household irrespective of number of children in the household
 - (C) Three girl children in a household irrespective of number of children in the household
 - (D) All the girl children in a household irrespective of number of children in the household
87. Jawahar Rozgar Yojna was launched on April 1, 1989 by merging :
- (A) National Rural Employment Program (NREP) and Rural Landless Employment Guarantee Programme (RLEGP)
 - (B) Balika Samridhi Yojana (BSY) and Mahila Samridhi Yojana(MSY)
 - (C) Prime Minister's Rozgar Yojana (PMRY) and Scheme of Fund for Regeneration of Traditional Industries (SFURTI)
 - (D) None of the above
88. In which year was the Integrated Child Development Services (ICDS) introduced?
- (A) 1965
 - (B) 1975
 - (C) 1985
 - (D) 1995
89. Who is the nodal officer at District level for the National Food for Work Programme?
- (A) Collector
 - (B) District Panchayat President
 - (C) Additional District Magistrate
 - (D) District Judge
90. Among the following persons, who is entitled as of right to an 'Antyodaya card'?
- (A) A person in the list of BPL category
 - (B) A senior citizen
 - (C) A person belonging to a primitive tribe
 - (D) All the above
91. ISDN stands for :
- (A) Indian Standard Data Network
 - (B) Independent Software Data Network
 - (C) Integrated Standard Digital Network
 - (D) Integrated Standard Data Network

92. The translator program that translates each line of the source program as it runs is called :
- (A) Compiler (B) Interpreter
(C) Editor (D) Linker
93. The small pictures on the window desktop is called :
- (A) Commands (B) Tabs
(C) Menus (D) Icons
94. Section 66F of IT Act 2008 deals with :
- (A) Cyber stalking (B) Child pornography
(C) Phishing (D) Cyber Terrorism
95. India's first cyber crime police station is located in :
- (A) Hyderabad (B) Bangalore
(C) Delhi (D) Mumbai
96. The term _____ refers to a bad or criminal hacker.
- (A) Black hat (B) White hat
(C) Cracker (D) Slacker
97. The protocol used for retrieving email from a mail server is :
- (A) POP (B) SNMP
(C) SMTP (D) FTP
98. The software application used to access and view websites is called :
- (A) Spreadsheet (B) Microcode
(C) Web browser (D) Malware
99. Which is the symbol not associated with data flow diagrams?
- (A) Open-ended rectangle (B) Parallelogram
(C) Square (D) Circle
100. 1 megabyte is equal to _____ bytes.
- (A) 10^9 (B) 10^6
(C) 10^8 (D) 10^4
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