

086/2017

Question Booklet
Alpha Code

A

Question Booklet
Serial Number

100029

Total No. of Questions: 100

Maximum Marks : 100

Time : 75 Minutes

INSTRUCTIONS TO CANDIDATES

1. The question paper will be given in the form of a Question Booklet. There will be four versions of question booklets with question booklet alpha code viz. A, B, C & D.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the question booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a question booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your question booklet is un-numbered, please get it replaced by new question booklet with same alpha code.
6. The question booklet will be sealed at the middle of the right margin. Candidate should not open the question booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him contains all the 100 questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. A blank sheet of paper is attached to the question booklet. This may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball-Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

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Maximum : 100 Marks

Time : 1 hour and 15 minutes

1. Which Kerala river is mentioned as Choorni in Chanakya's Arthashastra ?
(A) Bharatapuzha (B) Pamba
(C) Periyar (D) Chaliyar
2. The biggest irrigation project in Kerala is Kallada project, belong to which district ?
(A) Kollam (B) Alappuzha
(C) Idukki (D) Ernakulam
3. Pazhassi Raja Art Gallery is in
(A) Wayanad (B) Kozhikode
(C) Kannur (D) Thiruvananthapuram
4. Who built the Dutch Palace at Mattancherry in 1555 ?
(A) The Dutch (B) The French
(C) The Portuguese (D) The English
5. Which rulers of Kerala controlled the Lakshadweep ?
(A) Zamorins of Kozhikode (B) Kochin rulers
(C) Thiruvithamcoor rulers (D) Arakkal Kingdom
6. Which is the mountain range that starting from the Tapti river in the North to Kanyakumari in South ?
(A) Deccan Plateau (B) Eastern ghat
(C) Western ghat (D) Aravalli Mountain ranges
7. Which among the following is a Salt lake in Rajasthan ?
(A) Sambhar Lake (B) Redhill Lake
(C) Kaylana Lake (D) Chilka Lake
8. Bhilai Steel Plant was established with the collaboration of
(A) Japan (B) Russia
(C) America (D) Germany

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9. The longest National Highway in India is
(A) NH. 5 (B) NH. 6
(C) NH. 8 (D) NH. 7
10. Which one of the following rivers does not form any delta at its mouth ?
(A) Tapi (B) Kavery
(C) Mahanadi (D) Godavari
11. Which one of the following is a non-renewable source of energy ?
(A) Hydel (B) Thermal
(C) Solar (D) Wind Power
12. Akbar's enlightened religious policy was based on his philosophy of Sulh-i-Kul which meant
(A) Universal tolerance (B) Enlightened benevolence
(C) Unity of godhead (D) Universal peace
13. Who was the British general, considered Rani Lakshmi Bai of Jhansi as the 'best and bravest military leader of the rebels' ?
(A) Sir Hugh Rose (B) Sir Colin Campbell
(C) Major General Havelock (D) Sir James Outram
14. Who was the first propounder of the doctrine of passive resistance ?
(A) Gopal Krishna Gokhale (B) Aurobindo Ghosh
(C) Bal Gangadhar Tilak (D) Mahatma Gandhi
15. The period mentioned in the autobiography of Gandhiji.
(A) 1869-1948 (B) 1869-1930
(C) 1869-1923 (D) 1869-1922
16. Who wrote the book 'Planned Economy of India' ?
(A) Dadabhai Naoroji (B) Jawaharlal Nehru
(C) Ravi Batra (D) M. Visveswarayya
17. Right to Education is the article mentioned in
(A) Article-32 (B) Article-21A
(C) Article-24 (D) Article-21
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18. Who presided over the inaugural meeting of the Constituent Assembly ?
(A) Sacchidananda Sinha (B) K.M. Munshi
(C) Dr. Rajendra Prasad (D) Jawaharlal Nehru
19. Which one of the following is not connected with the poverty eradication programmes of Central Government ?
(A) Mahatma Gandhi Rural Employment Guarantee Scheme
(B) Swarnajayanthi Gramaswarojgar Yojana
(C) Ashraya, Rehabilitation of destitutes
(D) Integrated Housing and Slum Development Programme
20. By which Amendment, the right to property was removed from the list of Fundamental Rights ?
(A) 7th Amendment, 1956 (B) 9th Amendment, 1960
(C) 61th Amendment, 1989 (D) 44th Amendment, 1978
21. Who is the present Chairman of National Human Right Commission ?
(A) Justice H.L. Dattu (B) Justice Syriac Joseph
(C) Justice K.G. Balakrishnan (D) M.N. Venkatchellaya
22. In which year Indian IT Act (amendment) passed by Indian Parliament ?
(A) 2000 (B) 2008
(C) 2007 (D) 2003
23. India's first Cyber Crime police station started at
(A) New Delhi (B) Mumbai
(C) Bangalore (D) Kolkata
24. In which year The Right to Information Act passed ?
(A) 2004 (B) 2003
(C) 2006 (D) 2005
25. Who was the first Chairperson of the National Commission for Women ?
(A) Jayanti Patnaik (B) Mamta Sharma
(C) Mohinigiri (D) Sugatha Kumari

26. Who is the new Chairman of the Empowered Committee of State Finance Minister's on Goods and Services Tax (GST) ?
- (A) Amit Mitra (B) K.M. Mani
(C) Asim Dasgupta (D) Sushil Modi
27. Who got the country's highest gallantary award, Ashok Chakra in 2016, posthumously ?
- (A) Lance Naik Hanumanthappa
(B) Lance Naik Mohan Nath Goswami
(C) Lieutenant Colonel Niranjan Kumar
(D) DSC Jagadish Chand
28. Who is recently appointed Chief Executive Officer (CEO) of Niti Aayog ?
- (A) Arvind Panagaria (B) Deepak Gupta
(C) Amitab Kanth (D) Justice Syriac Joseph
29. Who was the chief guest at the 67th Republic Day celebrations at Delhi ?
- (A) Barak Obama (B) K.P. Sharma Oli
(C) Nawaz Shareef (D) Francois Hollande
30. Who is the Governor of the Arunachal Pradesh ?
- (A) J.P. Rajkhowa (B) ESL Narasimhan
(C) Padmanabha Acharya (D) Ramnad Kovind
31. 'Ezhuthachan Oru Padanam', the prose work written by
- (A) Akbar Kakkattil (B) O.N.V. Kuruppu
(C) M.T. Vasudevan Nair (D) M. Leelavathi
32. According to survey of Urban Development Ministry under Swachh Survekshan, 2016, which city ranked cleanest city ?
- (A) Varanasi (B) Chandigarh
(C) Dhanbad (D) Mysuru
33. Recently India launched IRNSS IE from the Satheesh Dhawan Space Centre Sriharikota, with the help of the launching vehicle.
- (A) PSLV-C 28 (B) PSLV C-31
(C) PSLV-C 20 (D) PSLV C-16

34. Who won the 2016 FIFA Ballond'or Award ?
(A) Neymar (B) Luis Suarez
(C) Lionell Messi (D) Oliver Giroud
35. Who got the Best Director award, in 46th State film award of 2015 ?
(A) Sanal Kumar Sasidharan (B) Sri Bala K. Menon
(C) Manoj Kana (D) Martin Prakkatt
36. Who is the new Chief Information Commissioner of India ?
(A) Nazeem Saidi (B) Dr. Y.V. Reddy
(C) R.K. Mathur (D) Mugal Rohtagi
37. Detergents used for cleaning clothes and utensils contain
(A) Nitrates (B) Sulphates
(C) Sulphonates (D) Bismuthates
38. The study of nerve system, its functions and its disorders
(A) Neurology (B) Numerology
(C) Nephrology (D) Numismatics
39. Central Food and Technological Research Institute is situated in
(A) Bangalore (B) Lucknow
(C) Chennai (D) Mysore
40. The microwave oven was invented by
(A) Percy L. Spencer (B) Hurley Machine Company
(C) William Hunt (D) Christian Huygens
41. In case of a chemical change, which of the following is generally affected ?
(A) Proton (B) Neutron
(C) Electron (D) Nucleus
42. As the train starts moving, a man sitting inside leans backwards because of
(A) Inertia of motion (B) Inertia of rest
(C) Conservation of mass (D) Moment of inertia

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43. The biggest star in our galaxy is
(A) Proxima Centauri (B) Epsilon Aurigae
(C) Sirius (D) Sun
44. The World Health Organisation (WHO) has recently declared the end of a disease in West Africa.
(A) AIDS (B) ZIKA
(C) TB (D) Ebola
45. The maximum power in India comes from which plants ?
(A) Thermal (B) Hydroelectric
(C) Nuclear (D) Solar
46. 'Mokshapradheepam' the work written by eminent social reformer of Kerala.
(A) Dr. Palppu (B) Brahmananda Shivayogi
(C) Swami Vagbhatananda (D) V.T. Bhatathiripad
47. Araya Service Society was established by
(A) Pandit Karuppan
(B) Poikayil Kumara Gurudevan
(C) Dr. Velukutty Arayan
(D) Pambadi Jhon Joseph
48. The first to perform mirror consecration in South India
(A) Sri Narayana Guru
(B) Swami Vagbhatananda
(C) Chattampi Swamikal
(D) Vaikunda Swamikal
49. Who was the founder of Ezhava Mahasabha ?
(A) Sri Narayana Guru (B) Dr. Palppu
(C) Vagbhatananda (D) Kumaragurudevan
50. In which year Chattampi Swamikal attained his Samadhi at Panmana ?
(A) 1925 (B) 1920
(C) 1924 (D) 1926

Fill up the blanks with the most appropriate option :

51. The crowd shouted at the top of _____ voice.
(A) its (B) their
(C) his (D) her
52. The board _____ decided to select the best three candidates.
(A) have (B) have been
(C) has been (D) has
53. Kishore is _____ in the family.
(A) the eldest (B) the older
(C) the oldest (D) the elder
54. After lunch, the mother _____ the child in the cradle.
(A) lay (B) lied
(C) layed (D) laid

In which part of the sentences (55 and 56) is the mistake ?

55. Himalayas lies to the north of India.
(A) (B) (C) (D)
56. Hardly had I entered the room when the mobile had started ringing.
(A) (B) (C) (D)
57. _____ a foreign trip, we have to adapt _____ the changed climatic conditions.
(A) In, by (B) On, with
(C) On, to (D) To, with
58. Which among the following is closest in meaning to *pugnacious* ?
(A) Charismatic (B) Combative
(C) Composed (D) Clever
59. Which is the passive voice form of :
They have not yet reported to me.
(A) I have not yet been reported. (B) I have yet to be reported.
(C) They have not yet been reported. (D) I had not yet been reported.
60. Which among the following is the best one-word substitution for :
A disease prevalent in a particular locality
(A) epidemic (B) genetic
(C) endemic (D) biotic

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61. Find the value of P, if $\left(\frac{4}{7}\right)^0 + \left(\frac{4}{7}\right)^2 = \left(\frac{4}{7}\right)^{2P-1}$
- (A) 7 (B) 4
(C) 5 (D) 8
62. If $a * b = a + b - ab$, then $-10 * 5$ is
- (A) -35 (B) 65
(C) 45 (D) -55
63. An angle is $\frac{4}{5}$ of its supplement. What is its magnitude ?
- (A) 80° (B) 100°
(C) 144° (D) None of these
64. Find x, given $\frac{3x}{2} = \frac{x}{3} + 2\frac{1}{3}$
- (A) $\frac{4}{7}$ (B) 3
(C) $\frac{5}{6}$ (D) 2
65. Difference between two numbers is 6 and difference between their squares is 180. Find the sum of two numbers.
- (A) 30 (B) 32
(C) 34 (D) 36
66. How many numbers upto 500 which are divisible by Three and Seven together ?
- (A) 95 (B) 23
(C) 32 (D) 50

67. $7.3 \times 7.3 - 2 \times 7.3 \times 4.8 + 4.8 \times 4.8$
(A) 62.5 (B) 6.25
(C) .625 (D) .0625
68. The ratio of Anu's age to the age of her mother is 3:11. The difference of their age is 24 years. What will be the ratio of their age after three years ?
(A) 6:14 (B) 3:11
(C) 3:1 (D) 1:3
69. 75% of the workers in a factory are men and the rest are women. If there are 625 women in the factory. How many men are there ?
(A) 2500 (B) 3125
(C) 1875 (D) None of these
70. A circular wire of radius 21 cm is reshaped to make a square. Find the side of the square.
(A) 33 cm (B) 32 cm
(C) 10.5 cm (D) 84 cm
71. Which term of the sequence 1, 6, 11, is 301 ?
(A) 60 (B) 50
(C) 62 (D) 61
72. The middle number among 11 consecutive natural numbers is 28. Find the sum of 11 numbers.
(A) 308 (B) 380
(C) 318 (D) 320
73. The next number of the sequence 7, 243, 21, 81, 63, 27, ____
(A) 9 (B) 81
(C) 243 (D) 189

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74. I have to reach a place at a fixed time. If I walk at 3 km./hr, I will be late for 20 minutes. If I walk at 4 km/hr, I will reach there 10 minutes early. What distance I have to travel ?
- (A) 7 km (B) 6 km
(C) 12 km (D) 2 km

75. Pick the odd one out.

- (A) arc (B) tangent
(C) radius (D) diagonal

76. ROAD is written URDG, SWAN may be written as

- (A) VZDQ (B) VXDQ
(C) VXQD (D) VZCQ

77. Two posts of heights 8 metres and 15 metres stand upright on the ground. The distance between them is 24 metres. What is the distance between their tops ?

- (A) 17 m (B) 25 m
(C) 11 m (D) None of these

78. Find the least positive number which when added to 962 will make it a perfect square.

- (A) 64 (B) 127
(C) 62 (D) None of these

79. A financial institution gives 50 paise for ₹ 100 per month for deposits. Then the rate of interest is

- (A) 5% (B) 10%
(C) 12% (D) 6%

80. If the 3rd Sunday of a month falls on the 15th of that month. Can you say on which date falls the 4th Saturday ?

- (A) 21 (B) 29
(C) 28 (D) None of these

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81. Teak Museum of Kerala is located in
(A) Aryankavu (B) Nilambur
(C) Agashtyamala (D) Peechi
82. The first wildlife sanctuary in Kerala
(A) Periyar (B) Thattekkadu
(C) Aralam (D) Shenduruni
83. '*Horthus Malabaricus*' a seventeenth century book published by the Dutch describes
(A) Trees (B) Water plants
(C) Medicinal plants (D) Ornamental plants
84. When was the notion of sustainable development first developed ?
(A) 1986 (B) 1972
(C) 1946 (D) 1960
85. Neelakurinji Sanctuary is located in which District of Kerala ?
(A) Kollam (B) Wayanad
(C) Idukki (D) Thiruvananthapuram
86. Kuno project is connected with which animal ?
(A) Tiger (B) Cheetah
(C) Elephant (D) Lion
87. Who is known as father of Indian Forestry ?
(A) Brandis (B) Bourdillon
(C) Brundtland (D) Conolly
88. How many schedules are there in Wildlife Protection Act, 1972 ?
(A) 5 (B) 4
(C) 7 (D) 6
89. Forests are included in the Concurrent List after which amendment of Indian Constitution ?
(A) 42 (B) 38
(C) 46 (D) 51
90. Azadiractin is obtained from
(A) Sal (B) Neem
(C) Semul (D) Teak

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91. Another name for public participation in afforestation programme is
(A) Urban forestry (B) Plantation forestry
(C) Agroforestry (D) Social forestry
92. Which is the only ape in India ?
(A) Lion-tailed macaque (B) Nilgirilangur
(C) Hoolock gibbon (D) Slender loris
93. An example for exotic species in India
(A) Eucalyptus (B) Sal
(C) Teak (D) Deodar
94. Vivipary is found in
(A) Evergreen trees (B) Mangroves
(C) Palms (D) Gymnosperms
95. The main objective of shelterbelt system is
(A) Timber production (B) Fuelwood production
(C) Protection from wind (D) Soil fertility enrichment
96. Kyoto Protocol relates to
(A) Wildlife (B) International peace
(C) Deforestation (D) Climate change
97. As per Forest Policy-1952 Percentage of forest in planes should be
(A) 55 (B) 44
(C) 22 (D) 33
98. Which species is known as the iron wood of Malabar ?
(A) *Hopea parviflora* (B) *Dalbergia latifolia*
(C) *Xylia xylocarpa* (D) *Tectona grandis*
99. Which is an extinct mammal from India ?
(A) Pangolin (B) Panda
(C) Cheetah (D) Musk deer
100. Stump planting is recommended for
(A) Eucalyptus (B) Teak
(C) Casuarina (D) Prosopis