

# 060/2018-T

Question Booklet  
Alpha Code

A

Question Booklet  
Serial Number

Total No. of Questions: 100

Maximum : 100 Marks

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. 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 8<sup>th</sup> from the left and Siju who is 9<sup>th</sup> from the right interchange their seats. Now Manu becomes 15<sup>th</sup> 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-AI-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 Chillar  
 (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 Rafeeque Muhammed  
 (C) Susan Keefal (D) George Weah

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) 5<sup>th</sup> November, 2016 (B) 8<sup>th</sup> November, 2016  
(C) 5<sup>th</sup> December, 2016 (D) 8<sup>th</sup> 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) 15<sup>th</sup> August, 1948 (B) 26<sup>th</sup> November, 1949  
 (C) 25<sup>th</sup> January, 1950 (D) 26<sup>th</sup> 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) symetery
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. அடுக்குத் தொடர் எது?

- (A) கலகல (B) மளமள  
(C) மின்னி மின்னி (D) மடமட

82. உகரம் குறுகி ஒலிப்பது

- (A) குற்றியலுகரம்  
(B) குற்றியலிகரம்  
(C) மகரக் குறுக்கம்  
(D) ஐகரக் குறுக்கம்

83. ஒரு பக்கக் காதலைக் கூறும் இலக்கணம்

- (A) பெருந்திணை (B) கைக்கிளை  
(C) பொதுவியல் (D) அகத்திணை

84. பொன் + தாலி இணைத்து எழுதும் போது

- (A) பொன்தாலி (B) பொற்தாலி  
(C) பொற்றாலி (D) பொன்த்தாலி

85. Just he has gone out என்பதற்கான சரியான மொழி பெயர்ப்பு

- (A) அவர் இப்போதுதான் வெளியே சென்றார்  
(B) அவர் உடனே வெளியே போவார்  
(C) அவர் உடனே வந்து விடலாம்  
(D) அவர் உடனே வெளியே போய்விடலாம்.

86. இயற்கையாக நிகழும் நிகழ்வில் புலவன் தன் கருத்தை ஏற்றிக் கூறும் அணி
- (A) உவமையணி  
(B) தற்குறிப் பேற்றி அணி  
(C) எடுத்துக்காட்டு உவமையணி  
(D) சிலேடையணி
87. 'மதி' என்ற சொல்லின் எதிர்ச்சொல்
- (A) நிலா (B) வானம்  
(C) சூரியன் (D) நட்சத்திரம்
88. 'காற்றுள்ள போதேத் தூற்றிக் கொள்' என்னும் பழமொழி எதனுடன் மிக சரியாகப் பொறுந்ததும்?
- (A) படிப்பு (B) தன்னம்பிக்கை  
(C) விவசாயம் (D) முயற்சி
89. கீழ் கொடுத்துள்ளவற்றில் சரியான வாக்கிய அமைப்பு எது?
- (A) நான் சென்று எழுதினேன் தேர்வு  
(B) சென்று தேர்வு எழுதினேன் நான்  
(C) தேர்வு எழுதிடச் சென்றேன் நான்.  
(D) நான் தேர்வு எழுதிடச் சென்றேன்
90. "சுளவு நிறைய சுண்டவத்தல் விடிந்து பார்த்தால் ஒன்றுமில்லை"– என்ற விடுகதையின் விடை
- (A) மேகம், நிலா  
(B) வானம், நட்சத்திரம்  
(C) நட்சத்திரம், நிலா  
(D) சூரியன், மேகம்

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

**SPACE FOR ROUGH WORK**

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