

131/2017

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. Maximum over all height of load in Goods vehicle from the ground level is
(A) 2 metres (B) 3 metres
(C) 2.7 metres (D) 3.8 metres
2. To drive vehicle carrying hazardous petroleum goods, driver should have
(A) Heavy license (B) Explosive license
(C) Hazardous license (D) Petroleum license
3. Traffic Signs with Red Triangle border are
(A) Mandatory sign (B) Informatory sign
(C) Compulsory sign (D) Cautionary sign
4. Percentage of seats reserved for Ladies in buses
(A) 5% (B) 10%
(C) 15% (D) 25%
5. Punishment for drunken driving
(A) ₹ 10,000
(B) ₹ 5,000
(C) ₹ 2,000
(D) 6 months simple imprisonment, ₹ 2,000 fine, or both
6. Replenishing fuel tank with passengers in the vehicle is
(A) punishable (B) not punishable
(C) allowed with few passengers (D) allowed after 6 pm
7. Section 112 of Motor Vehicle Act is about
(A) Speed limit (B) Overload
(C) Drunken driving (D) Over speed
8. Accident victim should apply for claim at
(A) Regional Transport Office (B) Insurance Office
(C) District Collectorate (D) Motor Accident Claim Tribunal

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[P.T.O.]

9. Voltage of battery in Heavy vehicles
(A) 6 Volt (B) 12 Volt
(C) 24 Volt (D) 36 Volt
10. SH means
(A) Safe Highway (B) State Highway
(C) Slippery Highway (D) Super Highway
11. Percentage of alcohol in blood above which is punishable
(A) 5% / 100 ml (B) 10% / 100 ml
(C) 20% / 100 ml (D) 30% / 100 ml
12. Heavy Transport Badge validity is
(A) 1 year (B) 3 years
(C) 5 years (D) 15 years
13. Validity of All India Permit for Goods vehicle is
(A) 1 year (B) 3 years
(C) 5 years (D) 15 years
14. KL 69 denotes which office ?
(A) SRTO Kanhangad (B) SRTO Udambanchola
(C) SRTO Manathavady (D) SRTO Thalaparamba
15. The Address of Motor Vehicle Department Site of Kerala
(A) kmvd.gov.in (B) keralamvd.gov.in
(C) keralarto.gov.in (D) keralamvd.rto.in
16. Multi toned Air Horn is allowed in
(A) Contract Carriages (B) Stage carriage
(C) Vehicles of Ministers (D) Not allowed in any vehicle
17. Cooling or Sun film is allowed in the following vehicles :
(A) Vehicles of Ministers (B) Vehicles of Film stars
(C) Ambulances (D) Not allowed in any vehicle
18. Tipper Lorries cannot be operated at the following time :
(A) Between 7 AM and 8 AM (B) Between 8 AM and 9 AM
(C) Between 9 AM and 10 AM (D) Between 7 AM and 10 AM

19. Hazardous Heavy Vehicles should have
(A) One Driver (B) Two Drivers
(C) Two drivers and One Cleaner (D) One Driver and One Cleaner
20. The number of persons that can be carried in cabin of goods carriage is mentioned in
(A) Insurance Certificate (B) Permit
(C) Registration Certificate (D) Fitness Certificate
21. When is Exhaust brake usually used ?
(A) When going at high speeds (B) When sudden braking
(C) When going up-hill (D) When going down-hill
22. What is the firing order of a six cylinder engine ?
(A) 1 6 3 5 2 4 (B) 1 5 3 6 2 4
(C) 1 3 5 2 4 6 (D) 1 2 3 4 5 6
23. If you see oil in radiator that means
(A) Radiator has leak (B) Oil tank has leak
(C) Head gasket has leak (D) Radiator hose has leak
24. When brake fails while the vehicle is in movement, driver should
(A) Off the vehicle and slowly stop the vehicle
(B) Put in neutral and stop the vehicle
(C) Shift down gears and bring to stop slowly
(D) Hit a wall or tree and stop the vehicle
25. Thermostat valve is in
(A) Brake system (B) Cooling system
(C) Engine (D) Diesel tank
26. Pressure plate is placed
(A) between Engine and gear box (B) between Wheel drum and brake shoe
(C) in Radiator cap (D) in Oil pump

27. Shackle is part of
(A) Steering system (B) Suspension system
(C) Engine (D) Radiator
28. Hand Brake is used for
(A) Sudden braking (B) Stopping while skidding
(C) Parking the vehicle (D) Driving in rain
29. Which component is not of air brake system ?
(A) Brake shoe (B) Brake pedal
(C) Master cylinder (D) Stock adjuster
30. Universal joint is part of
(A) Gear pedal (B) Brake pedal
(C) Propeller shaft (D) Radiator fan
31. In the tyre size 10.00 – 20 – 16 PR, '20' is the
(A) Width of the tyre (B) Diameter of Rim
(C) No of ply (D) Diameter of tyre
32. In which track should a heavy vehicle go on a 4 track highway ?
(A) Left track (B) Right track
(C) Any track (D) Centre track
33. Tachometer is used to measure the
(A) Speed of vehicle
(B) Speed of engine
(C) Total no. of kilometres covered
(D) Temperature of engine
34. When entering a road junction, preference is to be given to
(A) Vehicles coming from right side
(B) Vehicles coming from left side
(C) Motorcycles
(D) Buses

35. What is the GVW of a HGV Truck with two single wheel axles in front and two double wheel axles in rear ?
- (A) 16000 kg. (B) 24000 kg.
(C) 31000 kg. (D) 36000 kg.
36. GPS tracker is fitted in vehicles to
- (A) Increase mileage of the vehicle (B) Limit the speed of the vehicle
(C) Find the position of the vehicle (D) Check the load in the vehicle
37. The Grace period for paying road tax for a heavy goods vehicle
- (A) 15 days (B) 20 days
(C) 30 days (D) No grace period
38. When the signal light turns orange after green the driver should
- (A) Go ahead fast without stopping (B) Stop the vehicle
(C) Put head light on and go (D) Look both sides and go slowly
39. Fine for plying heavy goods vehicle without valid certificate of fitness
- (A) ₹ 500 (B) ₹ 1000
(C) ₹ 2000 (D) ₹ 5000
40. Heavy LPG Capsule Trailer vehicle is not allowed on roads in Municipal areas at
- (A) 8 AM to 11 AM (B) 11 AM to 1 PM
(C) 6 AM to 8 AM (D) 9 PM to 6 AM
41. Minimum air pressures at which air brake fitted vehicle may be driven is
- (A) 4 kg/cm² (B) 6 kg/cm²
(C) 8 kg/cm² (D) 10 kg/cm²
42. Maximum speed limit of an Educational Institution Bus in Kerala
- (A) 40 km/hr. (B) 50 km/hr.
(C) 60 km/hr. (D) 70 km/hr.

43. Maximum speed limit of a Heavy Vehicle near Educational Institutions
- (A) 15 km/hr. (B) 20 km/hr.
(C) 25 km/hr. (D) 30 km/hr.
44. Cylinder sleeve is part of
- (A) Engine (B) Brake cylinder
(C) Master cylinder (D) Clutch
45. The minimum height and width of an Emergency exit in a Stage Carriage is
- (A) 120 cm × 140 cm (B) 200 cm × 100 cm
(C) 120 cm × 180 cm (D) 140 cm × 140 cm
46. The maximum speed limit of a Heavy Passenger Vehicle in a four lane highway is
- (A) 60 kmph (B) 70 kmph
(C) 80 kmph (D) 90 kmph
47. Maximum speed of a Heavy Goods Vehicle in ghat roads is
- (A) 30 kmph (B) 40 kmph
(C) 50 kmph (D) 60 kmph
48. Maximum age at which Badge for Heavy Passenger Vehicle can be renewed in Kerala
- (A) 60 years (B) 65 years
(C) 75 years (D) No limit
49. Wheel base of a Vehicle is
- (A) distance between centre of front wheel and rear wheel.
(B) distance between centre of front left wheel and front right wheel.
(C) distance between inner side of rear right wheel and rear left wheel.
(D) distance from centre of rear wheel to rear most part of rear body.
50. RPM Meter is used to measure the
- (A) Speed of the vehicle (B) Speed of the engine
(C) Temperature of engine (D) Speed of gear box

51. Ernakulam District was formed on
(A) July 1, 1949 (B) Jan 1, 1957
(C) Jan 16, 1969 (D) April 1, 1958
52. Most rice producing district in Kerala
(A) Palakkad (B) Kazargod
(C) Malappuram (D) Ernakulam
53. The height of Anamudi is
(A) 1608 metres (B) 2695 metres
(C) 1825 metres (D) 915 metres
54. Most populationless district in Kerala
(A) Palakkad (B) Alappuzha
(C) Malappuram (D) Wayanad
55. Number of rivers which flows to western in Kerala
(A) 3 (B) 44
(C) 39 (D) 41
56. Most part of Thar Desert can be seen in which state of India ?
(A) Rajasthan (B) Uttar Pradesh
(C) Bihar (D) Madhya Pradesh
57. Kanchenjunga is situated in
(A) Kashmir (B) Nepal
(C) Sikkim (D) Pak occupied Kashmir
58. Minikoy Island is belong to
(A) Sri Lanka (B) India
(C) Indonesia (D) Myanmar
59. Indian Standard Meridian is
(A) $81^{\circ} 30$ min (B) $82^{\circ} 30$ min
(C) $5^{\circ} 30$ min (D) Greenwich Line

60. Indian currency symbol adopted in the year
(A) 1991 (B) 1999
(C) 2010 (D) 2011
61. New LPG connection project is
(A) Sahaj (B) Sehth
(C) Nayamansil (D) Sahajog
62. The first Non-Alignment Summit was held at
(A) Brion (B) Belgrade
(C) Bandung (D) Delhi
63. Indian National Congress declared Poorna Swaraj in which conference ?
(A) Lahore, 1929 (B) Surat, 1916
(C) Calcutta, 1920 (D) Bombay, 1941
64. 15th Vice President of India
(A) Shekhavat (B) K.R. Narayanan
(C) Hamid Ansari (D) Venkaiya Naidu
65. Choury – Chaura incident in which year ?
(A) 1923 (B) 1924
(C) 1925 (D) 1922
66. When Prime Minister made announcement of replacing the planning commission ?
(A) August 15, 2014 (B) August 15, 2016
(C) August 15, 2015 (D) August 15, 2013
67. First Five Year Plan was drafted by
(A) Mahalanobis (B) K.B. Koshy
(C) K.C. Kumarappa (D) K.N. Raj

68. Mandal Commission is deals with
(A) SC reservation (B) Women's reservation
(C) OBC reservation (D) Minority reservation
69. GST came into force
(A) July first in 2017 (B) June first in 2017
(C) April first in 2017 (D) May first in 2017
70. Constitution of India came into force in
(A) 1949 (B) 1950
(C) 1951 (D) 1952
71. Justice Varma Committee deals with
(A) Women's problems (B) Children's problems
(C) SC problems (D) Politicians problems
72. Information Right Act came into force in
(A) 2010 (B) 2001
(C) 2005 (D) 2011
73. National Human Rights Commission Chairman is in 2016
(A) Justice K.G. Balakrishnan (B) Justice S. Rajendra Babu
(C) Justice A.S. Anand (D) Justice H.L. Dattu
74. Indian parliament passed IT Act in
(A) 2005 (B) 2009
(C) 2000 (D) 2015
75. National Human Right Commission was formed in
(A) 1993 (B) 2001
(C) 1999 (D) 2005
76. World Athletic Championship of 2017 was held in
(A) Washington (B) Paris
(C) London (D) Delhi

77. Name of the opposite candidate of American President Donald Trump
(A) Obama (B) Hilary Clinton
(C) Bill Clinton (D) Bernie Sanders
78. Surabhilekshmy got the best actress National award in which film ?
(A) Minnaminung (B) Mundirivallikal Thalirkkumbol
(C) Action Hero Biju (D) Daivathindey Makan
79. India introduced its own global positioning system. What is the name of the system ?
(A) ISRO (B) Navik
(C) CSIR (D) NIA
80. Who got first prize in 100 metres in World Athletic Championship in 2017 ?
(A) Usain Bolt (B) Mofara
(C) Jastin Gattlin (D) P.T. Usha
81. Who is the missile man of India ?
(A) Vikram Sarabhai (B) A.P.J. Abdul Kalam
(C) C.V. Raman (D) Homi J. Bhabha
82. Who is the first women president of Mouritia ?
(A) Ameena Gurub Hakkim (B) Swathi Dandekkar
(C) Looyis Richardson (D) Ardoshir Erani
83. Which cinema got Oscar prize in 2016 ?
(A) Amy (B) Son of Soul
(C) Spot light (D) Inside Out
84. Man Booker International Prize of 2016 got to
(A) The Vegetarian (B) Son of Soul
(C) Sleeping on Jupiter (D) Wars on Womenly face

85. Who got Arjuna Award in 2016 ?
(A) Boxer Vijender (B) P.U. Chithra
(C) Raghuv eer Chandran (D) P.R. Sreejesh
86. The Indian Cricket captain acquired 100 win in one day cricket
(A) Sachin Tendulkar (B) Saurav Ganguly
(C) Mahendra Singh Dhoni (D) Kapil Dev
87. First Aeroplane used solar energy
(A) Kepler B (B) Impulse 2
(C) New Horizon (D) Atmosat
88. India's first Atomic experiment in
(A) 1974 (B) 1951
(C) 1961 (D) 1999
89. India's first atomic submarine
(A) Kursk (B) INS Kalvar
(C) INS Vikram (D) Arihand
90. Quantum theory introduced by
(A) Einstein (B) Isaac Newton
(C) Michale Faradey (D) Max Plank
91. What is the unit of energy ?
(A) Newton (B) Kilometre
(C) Joule (D) Decibel
92. The gas having lowest density
(A) Hydrogen (B) Chlorine
(C) Oxygen (D) Nitrogen

93. Green Belt Movement was presented by
(A) Medha Patekar (B) Vengari Mathai
(C) Indira Gandhi (D) Chandi Prasad Bhattu
94. Copenhagen Convention held in 2009 to discuss
(A) Climate change (B) Global warming
(C) Sustainable Development (D) Wild Life
95. 2016 Olympics held in
(A) New York (B) Washington
(C) London (D) Rio-de-Janeiro
96. First President of BRICS Bank
(A) Narendra Modi (B) Swathi Dandekar
(C) K.V. Kamath (D) Arvind Panagaria
97. Who formed the Political Party Praja ?
(A) Kejariwal (B) Eron Sharmila
(C) Nitish Kumar (D) Mayawati
98. Governor of Reserve Bank of India in 1917 January 1 ?
(A) Urjit Patel (B) Narendra Modi
(C) Sanjeev Chaturvedi (D) Arvind Panagaria
99. Who wrote the book Uppu ?
(A) M. Mukundan (B) Sukumar Azhikode
(C) O.N.V. Kurup (D) O. Chandu Menon
100. Who is the Ambassador of Green Kerala ?
(A) Yesudas (B) Mammootty
(C) Mohanlal (D) Suresh Gopi

SPACE FOR ROUGH WORK

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