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**CTU**

**Previous Year Paper  
(Bus Conductor)  
16 July, 2023**



**CHANDIGARH TRANSPORT UNDERTAKING  
UT CHANDIGARH**

**Posts: BUS CONDUCTOR**

**Question Booklet & Answer Key**

**16.07.2023 Sunday (Morning)**



**Direction (Q1-Q2):** Mark the correct synonym of the given word out of the four options:

1. Jaded  
A) Tired                      B) Thrilled                      C) Terrible                      D) Gay
2. Spurious  
A) Precious                      B) Fake                      C) Gloomy                      D) Bitter

**Direction (Q3-Q4):** Mark the correct antonym of the given word out of the four options:

3. Uncouth  
A) Courageous                      B) Weird                      C) Dark                      D) Cultured
4. Wary  
A) Arrogant                      B) Juicy                      C) Careless                      D) Weak

**Direction (Q5-Q6):** Mark the correct preposition, out of the four options, to be filled in the blanks.

5. Heedless \_\_\_\_\_ consequences, Ramesh wasted his precious time in useless debates.  
A) with                      B) of                      C) at                      D) upon
6. This job is beset \_\_\_\_\_ difficulties.  
A) of                      B) with                      C) on                      D) at

**Direction (Q7-Q8):** Choose the correct meaning of the proverb/idiom from the given options.

7. To be Argus eyed  
A) To be observant                      B) To be pretender                      C) To be a coward                      D) To be an idler
8. To give vent to  
A) to express                      B) to cause trouble                      C) to lose courage                      D) to cut something into pieces

**Direction (Q9-Q10):** Mark the word that can be substituted for the given words/sentences out of the given four alternatives.

9. That cannot be expressed in words:  
A) Indelible                      B) Ingrate                      C) Ineffable                      D) Inexorable
10. A lengthy and aggressive speech addressed to a large audience/assembly.  
A) Hullabaloo                      B) Cacophony                      C) Pandemonium                      D) Harangue
11. The theme of 52<sup>nd</sup> National Safety Week is:  
A) Nurture young minds – Develop Safety Culture                      B) Safety for all  
C) Our Aim – Zero Harm                      D) Sadak Suraksha, Jeewan Raksha
12. For the network of roads for Chandigarh, referred as 'circulatory system', Le Corbusier had proposed:  
A) 8Vs                      B) 7Vs                      C) 6Vs                      D) 5Vs
13. Who is credited for inventing the first crude electric vehicle?  
A) Leonard Forbes                      B) Paul Lapstun                      C) William Morrison                      D) Robert Anderson
14. Green Muffler is:  
A) Plantation along roadsides to reduce noise pollution                      B) A method of afforestation  
C) A technology for reducing air pollution                      D) A process to reduce vibration
15. Chandigarh was inaugurated by Dr. Rajendra Prasad, first President of India on:  
A) 7<sup>th</sup> October 1956                      B) 7<sup>th</sup> October 1953                      C) 23<sup>rd</sup> March 1953                      D) 23<sup>rd</sup> March 1956
16. The rationale of 'Seat-belts' primarily thrives on the principle of:  
A) Inertia                      B) Gravitation                      C) Friction                      D) Doppler effect
17. Fundamental Duties were included in the Indian Constitution in:  
A) Article 14 and 15 of Constitution of India                      B) Fifth Schedule of Constitution of India  
C) Article 51A (Part IV A) of the Constitution of India                      D) The Indian Independence Act
18. The deficiency of which vitamin causes anaemia?  
A) Vitamin D                      B) Vitamin B<sub>1</sub>                      C) Vitamin B<sub>2</sub>                      D) Vitamin B<sub>12</sub>
19. Operation 'My Saheli' launched in September 2020 aims to:  
A) encourage self-defence education among girls                      B) boost awareness against child labour  
C) boost the security of women passengers in trains                      D) none of the above
20. The State bird of Chandigarh is:  
A) Northern Goshawk                      B) Black Francolin                      C) Peacock                      D) Indian Grey Hornbill



21. Ganesh Chaturthi, as per Indian national calendar is celebrated on:  
 A) Bhadrapada Shukla Chaturthi B) Shraavana Shukla Chaturthi  
 C) Ashvin Shukla Chaturthi D) Kaartik Shukla Chaturthi
22. Mirror which is used as rear view mirror in vehicles is:  
 A) Plane B) Concave C) Convex D) Inverted
23. India's rank in Global hunger Index 2022 amongst 121 countries is:  
 A) 107<sup>th</sup> B) 104<sup>th</sup> C) 101<sup>st</sup> D) 99<sup>th</sup>
24. Before Delhi, which of the following was the capital of India during the British India?  
 A) Bombay B) Calcutta C) Karachi D) Lahore
25. Which of the following has won BBC Indian Sportswomen of the year 2022 Award?  
 A) P.V. Sindhu B) Koneru Humpy C) Smriti Mandhana D) Mirabai Chanu
26. The value of  $0.75 \times 0.75 + 0.25 \times 0.75 \times 2 + 0.25 \times 0.25$  is :  
 A) 6.75 B) 1 C) 0.625 D) 2
27. In a test 51% students failed in English and 45% failed in Mathematics. If 21% failed in both subjects and 169 passed the test, then how many students appeared in the test?  
 A) 760 B) 625 C) 676 D) 400
28. A sum of money amounts to Rs. 2750 in 2 years at 5% per annum. At what rate the same money amounts to Rs. 3000 in 2 years?  
 A) 12% B) 10% C) 15% D) 20%
29. If a sum of money doubles itself in 3 years at compound interest, then in how many years it will be four times?  
 A) 5 years B) 6 years C) 3 years D) 4 years
30. A bought a radio for Rs. 500 and sold it to B at 5% gain. After sometime B sold it to C at 5% loss. What is cost price of the radio for C?  
 A) Rs. 498.75 B) Rs. 375.60 C) Rs. 370.25 D) Rs. 480.60
31. The Average temperature of the town in the first four days of a month was 58 degree. The average for the second, third, fourth and fifth day was 60 degree. If the temperatures of the first and fifth day were in the ratio 7 : 8, then what is the temperature on the fifth day?  
 A) 64 degree B) 62 degree C) 56 degree D) None of the above
32. A can do a work in 16 days. If B's speed is double than A, then in how many days they together can do the work?  
 A)  $5\frac{1}{3}$  days B)  $3\frac{1}{5}$  days C)  $4\frac{1}{3}$  days D)  $2\frac{1}{4}$  days
33. While covering a distance of 24 km, a man noticed that after walking for 1 hour 40 minutes, the distance he covered  $\frac{5}{7}$  of the remaining distance. His speed in meter per second was  
 A)  $1\frac{2}{3}$  m/sec B) 2 m/sec C)  $2\frac{2}{3}$  m/sec D) 5 m/sec
34. In what ratio two types of tea costing Rs. 15 per kg and Rs. 20 per kg are mixed so that cost price of the mixture is Rs. 16.50 per kg?  
 A) 5 : 6 B) 4 : 3 C) 6 : 7 D) 7 : 3
35. Naunihal was asked to multiply a number by  $\frac{7}{5}$  but by mistake he multiplied the number by  $\frac{5}{7}$ . If his answer was 144 less than correct answer, the number was  
 A) 210 B) 310 C) 284 D) 264
36. Each student of a class deposited so many rupees in subscription for Picnic, as many as the students were in the class. If 3 teachers deposited together Rs. 450 then total subscription was Rs. 1350. What was the number of students in the class?  
 A) 35 B) 40 C) 30 D) 45
37. What could be the maximum value of Q in this equation?  $5P9 + 3R7 + 2Q8 = 1114$   
 A) 9 B) 4 C) 8 D) 6
38. How many times are the two hands of clock at right angle in a day.  
 A) 24 B) 48 C) 44 D) 22

39. Calendar for the year 2014 will be same for the year.  
A) 2018 B) 2020 C) 2022 D) None of these
40. A 600m long train is running at 108km/hr. In how much time will it cross electric pole.  
A) 35 seconds B) 10 seconds C) 20 seconds D) 18 seconds
41. The technology used in the electronic printer is called?  
A) Micro encapsulation B) Micro technology C) Micro array D) Micro Millimetric
42. Clock speed, the speed at which a processor executes instructions, is measured in \_\_\_\_\_, which equates to one million ticks of the system clock.  
A) kilobytes (KB) B) milliseconds (ms) C) megahertz (MHz) D) kilo-bits-per-second (Kbps)
43. When you cut or copy a block of text in a word processor, it is placed on the \_\_\_\_\_.  
A) desktop B) style sheet C) ruler D) clipboard
44. An unsolicited e-mail message sent to many recipients at once is a \_\_\_\_\_.  
A) Worm B) Trojan horse C) spyware D) spam
45. Convert the Hexadecimal number 5A to Binary?  
A) 01011001 B) 01001010 C) 01011010 D) 01000100
46. In 'https', the letter 's' stands for:  
A) Standard B) Secure C) Simple D) Smart
47. Which of the following is NOT TRUE?  
A) RAM means Read Accumulator Memory  
B) MICR means for Magnetic Ink Character Recognition System  
C) ROM means Read Only Memory  
D) ASCII means American Standard Code for Information Interchange
48. In MS-WORD, the following is not essential component to perform a mail merge operation?  
A) Main document B) Data source C) Merge fields D) Word fields
49. In Microsoft PowerPoint, the PowerPoint view that displays only text (title and bullets) is:  
A) Slide show B) Slide sorter view C) Notes page view D) Outline view
50. Which of the following statements is correct?  
A) An excel file may contain only one pivot table.  
B) An excel workbook may contain only one pivot table  
C) An excel workbook may contain multiple worksheets  
D) An excel spreadsheet may contain multiple workbooks

**Instructions for (Q.No. 51 to 54) are based on traffic signs. Choose the correct option:-**

51. A) Breadth limit B) Axle weight limit  
C) Height limit D) Weight limit



52. A) Compulsory keep left B) Compulsory turn left ahead  
C) Park this side D) Compulsory turn left



53. A) No parking B) No entry  
C) Restriction ends D) None of the above



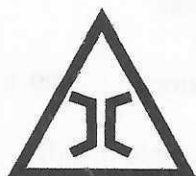
54. A) Right reverse bend B) Right hair pin bend  
C) U-turn allowed D) No U-turn



55. One of the following is a Mismatch?



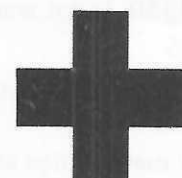
A) Left Reverse bend



B) Narrow bridge



C) Staggered intersection



D) Hospital ahead

56. Allowing unauthorized persons to drive vehicles carries the following penalty under the Motor Vehicles Act:  
 A) Caution by the Traffic Policeman  
 B) A fine which may extend to five hundred rupees  
 C) Imprisonment for a term which may extend to three months, or with fine which may extend to one thousand rupees, or with both  
 D) Imprisonment for a term which may extend to two months, or with fine which may extend to one thousand rupees
57. Mandatory Road Signs are obligatory and violation of these attract heavy fines and punishments. These are generally:  
 A) Rectangular in shape with red border  
 B) Rectangular in shape with blue border  
 C) Round in shape with red border  
 D) Round in shape with blue border
58. A traffic sign in triangular shape with red border, filled with white colour and a small and a black cross in between means:  
 A) No Parking  
 B) Cross Road  
 C) No stopping  
 D) Road ends
59. The Traffic offences, penalties and procedure are mentioned under which chapter and sections of the Motor Vehicles Act?  
 A) Chapter X : Section 140 to 144  
 B) Chapter XI : Section 145 to 164  
 C) Chapter XII : Section 165 to 176  
 D) Chapter XIII : Section 177 to 210
60. Provision for necessity of licence for conductor of stage carriage is contained under Motor Vehicles Act in :  
 A) Section 28  
 B) Section 29  
 C) Section 39  
 D) Section 42
61. Which vehicles should be insured?  
 A) Only new vehicles  
 B) All light and heavy vehicles  
 C) Heavy vehicles only  
 D) Only vehicles being driven by drivers
62. What does this STOP sign mean at an intersection if used with a thick white line painted across part of the road?  
 A) Stop in any safe place so that you can see to give way to other traffic, before continuing  
 B) Stop just before entering the intersection and then give way to other traffic, before continuing.  
 C) Stop at white line & give way to other vehicles coming from other directions, before continuing  
 D) Stop only after you have crossed the intersection
63. The motor vehicles belonging to educational institutions should be painted in:  
 A) Yellow Colour with blue strip  
 B) Yellow Colour with red strip  
 C) White Colour with blue strip  
 D) White Colour with red strip
64. You are waiting at an intersection & lights are red. The traffic lights change to green. You should  
 i) Cross the intersection quickly as possible ii) Check both side of intersection & then proceed  
 iii) Wait until the traffic behind you makes you move  
 A) i) only  
 B) ii) only  
 C) iii) only  
 D) i) and ii) only
65. You take a wrong route & find you are on a one-way street. You should  
 A) reverse out of road  
 B) turn round in a side road  
 C) continue to the end of the road  
 D) reverse into a drive way
66. When should a driver use high beams?  
 i) driving through well lit city roads; ii) driving behind a vehicle;  
 iii) when driver of an oncoming vehicle does not dim his lights  
 A) only i)  
 B) Only ii)  
 C) Only ii) & iii)  
 D) All i), ii) & iii)
67. What is the "2-second Rule":  
 A) A rule of thumb by which a driver may maintain a safe trailing distance at any speed.  
 B) It indicates the speed of the vehicle  
 C) It measures the time between two vehicles  
 D) It indicates the intensity of the collision
68. According to Central Motor Vehicle Rules, 1989 which rule is related to Seat Belts?  
 A) Rule 119 (1)  
 B) Rule 125 (1)  
 C) Rule 138 (3)  
 D) Both options B) & C)
69. Traffic man straight his right hand till elbow then ups it and give signal with left hand?  
 A) To control the front traffic  
 B) To control the back traffic  
 C) To control the staying traffic  
 D) To control the back and front traffic at a same time



70. What is second collision in crash (accident)?  
 A) Vehicle Collision B) Internal Collision  
 C) Human Collision D) Hitting other vehicle after first Collision
71. Which one of the following is not the 4 Es of road safety?  
 A) Education B) Engineering C) Emergency care D) Environment
72. Which of the following is true about the role of Traffic police in Road safety?  
 A) It regulates traffic B) It enforces various provisions of traffic rules  
 C) It performs educative role by launching awareness drives D) All of the above
73. In terms of road safety, what do you understand by the term "Golden hour"  
 A) That hour of the day in which minimum road accidents take place  
 B) That hour of the day in which maximum road accidents take place  
 C) The first hour after trauma in which if proper first aid is given, the accident victim has a greater chance of survival and reduction in injuries  
 D) The time during which one can drive at any speed
74. Under whose leadership 'Rural Road Project' was undertaken by Indian Government to spread road safety culture?  
 A) Dr. Manmohan Singh B) Atal Bihari Vajpayee C) Rajiv Gandhi D) Narendra Modi
75. Road safety Audit makes critical on site assessment of the shortcomings in:  
 A) Road and traffic control system B) Challan of vehicles  
 C) Slope estimation D) Audit of police stations
76. Highway Assessment Programme (HAP) is concerned with:  
 A) Building new highway B) Scientific road safety audit through camera based recording  
 C) Building Toll Plazas D) Development on either side of highways
77. The theme of National Road Safety week celebrated from January 11 to 17, 2023 was:  
 A) Safer Road for all B) Our Aim – Zero Harm  
 C) Savdhani Hati - Durghatna Ghati D) Sadak Suraksha, Jeewan Raksha
78. Hazard warning lights should be used when vehicle is :  
 A) in a traffic jam B) racing with other cars  
 C) being driven by a learner D) broken down and causing an obstruction
79. You are dazzled at night by a vehicle behind you, you should  
 A) Accelerate your vehicle & go farther B) Stop and let the vehicle cross you  
 C) Set your back-view mirror to anti dazzle position D) None of these
80. The Pan-India emergency number for fire, police & ambulance etc. is  
 A) 112 B) 101 C) 100 D) 108
81. As a conductor of CTU, it is not essential to keep contact number of  
 A) CTU bus depot in charge B) Emergency help number  
 C) CTU workshop D) State transport officer of Chandigarh
82. Which of the following is not the duty of the conductor  
 A) Deposit the collected money through tickets with the cashier  
 B) Guiding the driver while reversing the bus  
 C) Repairing the bus in case of breakdown  
 D) Answer the queries of the passengers in the bus
83. What is the validity time period for driving license for commercial vehicle  
 A) 1 year B) 2 year C) 3 year D) 4 year
84. Green arrow means  
 A) observe other signals  
 B) if other signals are indicating otherwise, do not proceed  
 C) if other signals are indicating otherwise proceed in the direction of arrow  
 D) wait for signal to allow you to proceed
85. Road rage includes:  
 i) providing first aid to victims after accident ii) sounding horn or flashing lights excessively  
 iii) rude gestures, verbal abuses & threats iv) intentionally causing a collision between vehicles  
 A) i) only B) ii, iii) and iv) only C) i, iii) and iv) only D) all the above



86. Collision prevention formula RUA stands for:  
 A) Recognize the hazard, Understand the defence, Act correctly  
 B) Road Unconscious Accident  
 C) Rear view mirror, Understanding traffic rules, Act Wise  
 D) Relaxed driving, Understanding traffic rules, Act Wise
87. FasTag is:  
 i) An electronic toll collection system in India  
 ii) It is operated by National Highways Authority of India  
 iii) Its collection is utilized for maintenance of Highways  
 A) Only (i)                      B) Only (i) & (ii)                      C) Only (i) & (iii)                      D) all (i), (ii) & (iii)
88. National Highways System is responsibility of:  
 A) State government                      B) Central government  
 C) Both State and Central government                      D) District authorities through which these pass
89. Which of the following is not true about National Helpline No. '1033'  
 A) it is a 24 x 7 unique toll free helpline number for users of National Highways  
 B) It is a universal access number  
 C) It is a single point contact  
 D) For accessing it, one has to affix district code before it e.g. 0172 within Chandigarh
90. Why 'Bumpers' are used in cars?  
 A) To reduce the impact in case of low speed collisions  
 B) To improve the aerodynamics of a car  
 C) To increase the engine performance  
 D) None of the above
91. "Golden Hour" after trauma refers to:  
 A) First hour                      B) First 2 hours                      C) First 4 hours                      D) First 6 hours
92. Mouth to Mouth respiration is done during first aid if the victim is suffering from:  
 A) Cardiac Arrest                      B) Anorexia                      C) Haemorrhage                      D) Arteriosclerosis
93. In first aid CPR stands for:  
 A) Cardio Pulmonary Respiration                      B) Cardio Pulmonary Resuscitation  
 C) Cardio Pressurized Respiration                      D) Cardio Pressurized Resuscitation
94. What do you mean by "Highway Hypnosis"?  
 A) Memory loss                      B) Unpredictable moods/behaviors                      C) Drowsiness                      D) Muscle weakness
95. The full form of FIRST AID is:  
 A) First Investigation Relief Symptom Treatment Arrangement Immediately Disposal  
 B) First Immediate Relief Symptom Treatment After Investigating Disease  
 C) First Immediately Relief Symptom Treatment Arrangement Investigation Disposal  
 D) First Immediate Redressal System Treatment After Investigating Disease
96. What is the first thing you should do in case of severe bleeding?  
 A) Put the victim in the recovery position                      B) Direct pressure with clean cloth and hand  
 C) Cover with clean cloth                      D) Give Oxygen
97. The symptoms of third degree burn are:  
 A) Charred skin, pain                      B) Charred skin, no pain                      C) Blisters and pain                      D) Red skin and pain
98. To assess, if a person has had a stroke, ask the victim to  
 A) Blow a kiss                      B) Tell his/her name                      C) Smile                      D) Stand up
99. The Rule of 'ABC' in the first-aid for road accident victim stands for:  
 A) Artery, Brain and Cardiac                      B) Asphyxia, Brain Hemorrhage and Circulation  
 C) Airway, Breathing and Circulation                      D) Avoid, Brake and Control
100. What is 2<sup>nd</sup> injury with regards to accidents?  
 A) Caused by careless handling of injured  
 B) The injured gets up, falls and is injured again  
 C) It is 2<sup>nd</sup> in the marked injuries of a victim 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and so on  
 D) Death due to waste of time for completing formalities

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**CHANDIGARH TRANSPORT UNDERTAKING**  
**U.T., CHANDIGARH**  
**CONDUCTOR TEST (16-07-2023) (Morning)**  
**ANSWER KEY (A-Series)**

Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.
1	A	26	B	51	C	76	B
2	B	27	C	52	A	77	D
3	D	28	B	53	C	78	D
4	C	29	B	54	B	79	C
5	B	30	A	55	D	80	A
6	B	31	A	56	C	81	D
7	A	32	A	57	C	82	C
8	A	33	A	58	B	83	C
9	C	34	D	59	D	84	C
10	D	35	A	60	B	85	B
11	C	36	C	61	B	86	A
12	B	37	A	62	C	87	D
13	D	38	D	63	A	88	B
14	A	39	B	64	B	89	D
15	B	40	C	65	C	90	A
16	A	41	A	66	C	91	A
17	C	42	C	67	A	92	A
18	D	43	D	68	D	93	B
19	C	44	D	69	D	94	C
20	D	45	C	70	C	95	A
21	A	46	B	71	D	96	B
22	C	47	A	72	C	97	B
23	A	48	D	73	C	98	C
24	B	49	D	74	B	99	C
25	D	50	C	75	A	100	A