



Series

A

CODE : CEM – 2/25

Write here Roll Number and Answer Sheet No.

Question Booklet Sl. No.

Roll No.

Answer Sheet No.

Duration : 2 Hours

Total Marks : 200

Declaration by Invigilator :

I Certify that I have checked that the Roll Number and the Answer Sheet Number written by the Candidate on the question paper and the OMR Sheet are correct and the Answer Sheet Number matches the Question Booklet Number exactly.

Signature of the Invigilator with Name

Declaration by Candidate :

I undertake not to employ any unfair means in this exam. I have checked the Question Booklet Number and the Answer Sheet Number and both are identical and have been correctly entered by me wherever indicated.

Signature of the Candidate with Name

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

- The Roll No. is a 7 digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
- The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
- Valuation of Answer Sheet will be done on the computer. Candidate should not make any stray marks on the Answer Sheet, tamper with or mutilate it. Otherwise it will not be evaluated.
- Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
- You must not tear off or remove any sheet from this Booklet. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
- All questions are compulsory. Q. No. 1 to 40 carry 2.5 marks each and Q. No. 41 to 90 carry 2 marks each.
- There is no negative marking for incorrect answers.
- This Booklet contains 90 questions. Candidates must note that there will be 5 Sections in the question paper :

| Sections | Test Components | No. of Questions | Page No. |
|----------|--|------------------|----------|
| A | General Awareness | 1-10 | 5-6 |
| B | General Intelligence and Reasoning Ability | 11-20 | 7-8 |
| C | Arithmetical Ability | 21-30 | 9-10 |
| D | Test of English Language and Comprehension | 31-40 | 11-12 |
| E | Technical Paper | 41-90 | 13-23 |

- Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
- Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
- No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
- This booklet contains 24 pages.
- Directions :** Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle a, b, c or d by Black Ball-Point Pen provided by the Board against the question concerned in the Answer Sheet.
- Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.

| Wrong Method | Wrong Method | Wrong Method | Correct Method |
|--|--|--|--|
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The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

- There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., a, b, c or d. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong.
- Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
- You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

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SECTION – A
(General Awareness)

1. Who wrote the book '*The Discovery of India*' that praises India's diversity ?
 - (a) Mahatma Gandhi
 - (b) Subhashchandra Bose
 - (c) Jawaharlal Nehru
 - (d) Rabindranath Tagore
2. Where was India's first ancient Stitched Ship launched ?
 - (a) Tamil Nadu
 - (b) Andhra Pradesh
 - (c) Goa
 - (d) None of the above
3. Who was the founder of the Maurya Empire ?
 - (a) Ashoka
 - (b) Chandragupta Maurya
 - (c) Bimbisara
 - (d) None of the above
4. When was the voting age reduced from 21 years to 18 years in India ?
 - (a) 1950
 - (b) 1976
 - (c) 1989
 - (d) 1991
5. When was the Constitution of India adopted ?
 - (a) 26th January 1950
 - (b) 26th November 1949
 - (c) 15th August 1947
 - (d) 2nd October 1950



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6. 'Madhubani' painting is associated with which Indian State ?
 - (a) Uttar Pradesh
 - (b) Bihar
 - (c) Kerala
 - (d) None of the above
7. Which of the following is a non-conventional source of energy ?
 - (a) Coal
 - (b) Petroleum
 - (c) Wind energy
 - (d) Natural gas
8. Which of the following is an example of the primary sector ?
 - (a) Banking
 - (b) Mining
 - (c) Textile industry
 - (d) Transport
9. Where is the headquarters of the World Health Organization (WHO) located ?
 - (a) New Delhi
 - (b) Geneva
 - (c) Washington, D.C.
 - (d) None of the above
10. At present, how many districts are there in Arunachal Pradesh ?
 - (a) 25
 - (b) 26
 - (c) 28
 - (d) None of the above

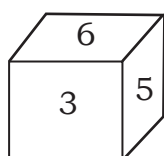
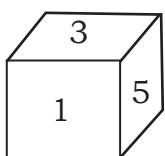


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SECTION – B

(General Intelligence and Reasoning Ability)

11. How many meaningful English words can be formed by using any two letters of the word NOT ?
(a) One (b) Two (c) Three (d) Four
12. Complete the following analogy.
Page : Book :: Leaf : ?
(a) Forest (b) Root (c) Red (d) Tree
13. Find out the odd one.
(a) 19 (b) 17 (c) 13 (d) 12
14. Two position of the same dice are shown. Select the number that will be on the face opposite to the one showing 6.



- (a) 1 (b) 4 (c) 3 (d) 5
15. Select the option figure that can replace the question mark (?) in the following series.

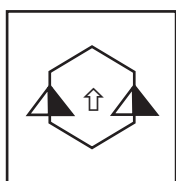


FIGURE 1

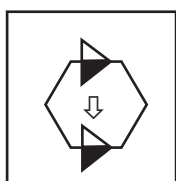


FIGURE 2



FIGURE 3

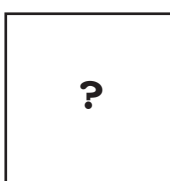
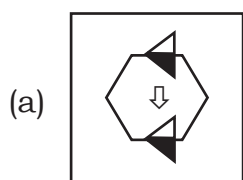
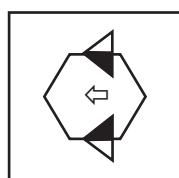


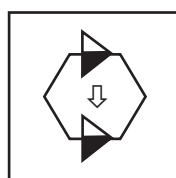
FIGURE 4



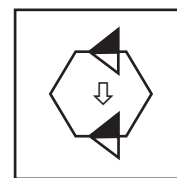
(a)



(b)



(c)



(d)



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16. In a certain code language, '+' represents '×', '-' represents '+', '×' represents '÷' and '÷' represents '-'. What is the answer to the following question ?

$$12 \times 6 \div 5 + 4 = ?$$

- (a) 8 (b) - 18 (c) 42 (d) 18
17. If 'GERMANY' is written as '7, 5, 18, 13, 1, 14, 25', how can 'FRANCE' be written in that code ?
- (a) 6, 18, 1, 14, 3, 5 (b) 6, 3, 18, 14, 1, 5
(c) 8, 2, 14, 5, 13, 6 (d) 8, 16, 14, 3, 1, 5

18. In a certain code, '975' means 'throw away garbage', '528' means 'give away smoking' and '213' means 'smoking is harmful'. Which digit in that code means 'smoking' ?
- (a) 5 (b) 8 (c) 2 (d) 3

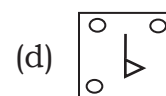
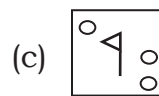
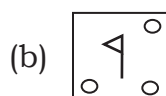
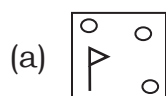
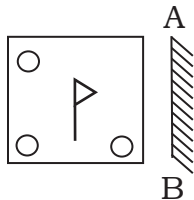
19. In question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement. Give answer.

Statement : Use our medicine to fight the problem of obesity.

Assumptions : I. Other slimming medicines available in the market do not reduce weight.

II. Obesity cannot be controlled without medicines.

- (a) If only assumption I is implicit
(b) If only assumption II is implicit
(c) If neither assumption I nor assumption II is implicit
(d) If both assumptions I and II are implicit
20. If a mirror is on the line AB, then which of the answer figures the right image of the given figure ?





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SECTION – C
(Arithmetical Ability)

21. The value of $\frac{16^2 - 14^2}{16 + 14} =$
- (a) 30 (b) 36
(c) 22 (d) 2
22. The value of x if $0.001x = 2$, is
- (a) 500
(b) 2000
(c) 200
(d) none of these
23. 'Out of 30 students in a class, 10 students like to dance, 20 like to sing and 5 like both'.
How many students like singing alone ?
- (a) 15
(b) 20
(c) 10
(d) 5
24. 20 minutes is what part of 2 hours ?
- (a) $\frac{1}{6}$ (b) $\frac{1}{10}$
(c) 10 (d) $\frac{1}{5}$
25. LCM of 3 and 11 is
- (a) 11
(b) 3
(c) 1
(d) 33



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26. HCF of 24 and 36 is
(a) 12
(b) 24
(c) 8
(d) 4
27. If A and B earn Rs. 5,000 and Rs.12,000 per week respectively.
The ratio of their earnings per day is
(a) 5 : 12
(b) 5 : 9
(c) 12 : 7
(d) 1 : 2
28. If 10% of $x = 20\%$ of 300, then $x =$
(a) 150
(b) 400
(c) 600
(d) 120
29. In a 40 over cricket match, the average run rate is 5.5, then the total runs scored in the match is
(a) 275
(b) 225
(c) 220
(d) 200
30. If a shirt of Rs.1,200 is sold at loss of 12% and a saree of Rs. 600 is sold at a profit of 30%, then the total loss or profit is
(a) ₹ 36 profit
(b) ₹ 24 loss
(c) ₹ 18 profit
(d) ₹ 18 loss



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SECTION – D
(Test of English Language and Comprehension)

31. The sentence given below is divided into three sections marked (a),(b) and (c). Read the sentence carefully and mark the section that contains an error. If there is no error in the sentence, mark (d) as your answer.

No news/are/good news/no error

(a) (b) (c) (d)

32. Fill in the blank by choosing right option from the four alternatives given below.

She has great fondness _____ children.

(a) for (b) about
(c) in (d) on

33. Choose the word which is nearest in meaning (synonym) to the given word.

Amusement

(a) recreation
(b) celebration
(c) participation
(d) extraction

34. Choose the opposite word (antonym) to the given word.

Destruct

(a) protect
(b) construct
(c) obstruct
(d) depart

35. Choose the correctly spelt word from the given alternatives.

(a) merchant
(b) marchant
(c) merchent
(d) murchant



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36. Choose the alternative which best expresses the meaning of the idiom or phrase.

At the drop of the hat:

- (a) As soon as it was spoken
- (b) Done easily, without any preparation
- (c) Done in an instant
- (d) After something is done

37. Choose the one word substitute for the following expression.

That which cannot be corrected.

- (a) Unintelligible
- (b) Indelible
- (c) Illegible
- (d) Incurable

38. Choose the most appropriate segment to substitute the underlined segment of the given sentence. If substitution is not required select 'No improvement'.

The animal resembled with a cat.

- (a) resembled by
- (b) resembled to
- (c) resembled
- (d) No improvement

39. Choose the suitable active or passive verb form for the following.
Amit was planting trees in the garden.

- (a) Trees were planted in the garden by Amit.
- (b) Trees were being planted in the garden by Amit.
- (c) Trees are being planted in the garden by Amit.
- (d) Trees have been planted in the garden by Amit.

40. Choose the indirect form of the given sentence.

Tom said , "Mother, I am hungry."

- (a) Tom told that mother was hungry.
- (b) Tom told that mother I am hungry.
- (c) Tom told his mother that he was hungry.
- (d) Tom told his mother that he is hungry.



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SECTION – E
(Technical Paper)

41. Under the Motor Vehicle Act, 1988, Section 165 deals with
 - (a) Counter Claim
 - (b) Arbitration
 - (c) Denial
 - (d) Claims Tribunal

42. Which of the following is a qualification for appointment as a member of the Claims Tribunal under the Motor Vehicle Act, 1988 ?
 - (a) The person must be or have been a Judge of a High Court
 - (b) The person must have been a member of the Indian legal service
 - (c) The person must have served in a government department for atleast 10 years
 - (d) The person must have a degree in law and 5 years of experience

43. What do the solid double white lines at or near a “STOP” sign indicate ?
 - (a) Vehicles must reduce speed before the lines
 - (b) Vehicles must come to a halt before the lines
 - (c) Vehicles can continue if no traffic is present
 - (d) Vehicles should stop only if there is visible traffic

44. When should you cross at a pedestrian crossing with a separate pedestrian signal ?
 - (a) Only when signal shows “WALK”, or Green Man, or Green Signal
 - (b) When the signal shows a “DON’T WALK” or Red Man
 - (c) As soon as you reach the crossing, without checking the signal
 - (d) None of the above



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45. What is the convention regarding pedestrian priority at a zebra crossing ?
 - (a) Pedestrians have no priority, and vehicles can pass freely
 - (b) Vehicles must stop only if the pedestrian is already halfway across
 - (c) Once a pedestrian has entered the zebra crossing, they have priority over other traffic
 - (d) None of the above
46. What do Blue rectangular signs typically convey under road safety ?
 - (a) Regulations
 - (b) Warnings
 - (c) Orders
 - (d) Information
47. What is the shape of the “NO Entry” sign ?
 - (a) Triangle
 - (b) Triangle with a diagonal red line
 - (c) Circle with a diagonal red line
 - (d) Circle
48. What is the major risk associated with over speeding ?
 - (a) Better fuel efficiency
 - (b) Greater risk of skidding and crashes
 - (c) Increased vehicle control
 - (d) None of the above
49. Why are horizontal curves provided on roads ?
 - (a) To increase vehicle speed
 - (b) To change the direction or alignment of a road
 - (c) To stop vehicles at intersections
 - (d) To make roads more scenic



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50. What is the purpose of “No Parking” signs ?
 - (a) To indicate a pedestrian crossing
 - (b) To prevent parking of vehicles on the main carriageways
 - (c) To restrict vehicle speed
 - (d) None of the above
51. Which of the following is considered an offence under traffic laws ?
 - (a) Following traffic signs carefully
 - (b) Using a seat belt while driving
 - (c) Driving within the speed limit
 - (d) Disregarding a traffic law or failing to follow its instructions
52. According to basic road rules, which side must all traffic keep to ?
 - (a) No specific side
 - (b) Right
 - (c) Center
 - (d) Left
53. Why does rain make walking and driving more dangerous ?
 - (a) It increases the speed of vehicles
 - (b) It improves visibility for pedestrians and drivers
 - (c) It reduces visibility and makes the road surface slippery
 - (d) It has no effect on walking or driving conditions
54. What should you do first if your brakes suddenly fail while driving ?
 - (a) Immediately slam the brake pedal hard
 - (b) Turn off the engine and coast to a stop
 - (c) Shift to reverse to slow down
 - (d) Pump the brake pedal rapidly several times to build up brake pressure



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55. Which of the following is not a type of pavement markings ?
- (a) Traffic signals
 - (b) Longitudinal markings
 - (c) Intersection markings
 - (d) Other markings
56. What do you mean by a digital intermediary or market place for a passenger to connect with a driver for the purpose of transportation in the Motor Vehicle Act of 1988 ?
- (a) Conductor license
 - (b) Adapted vehicle
 - (c) Aggregator
 - (d) Articulated vehicle
57. If the applicant does not pass the driving test, after how many days he may be permitted to re-appear the test under Motor Vehicle Act, 1988 ?
- (a) 9 days
 - (b) 5 days
 - (c) 12 days
 - (d) 7 days
58. Under Motor Vehicle Act, 1988, Section 77 deals with
- (a) Application for goods carriage permits
 - (b) Application for stage carriage permits
 - (c) Application for contract carriage permits
 - (d) Application for renewal of permits



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59. For how many years does a vehicle permit renewal other than a temporary permit issued under Section 87 or a special permit issued under Sub-Section (8) of Section 88 shall be effective (from the date of issuance or renewal thereof) under Motor Vehicle Act, 1988 ?
- 7 years
 - 10 years
 - 3 years
 - 5 years
60. $\frac{YA}{R}$ Formula for calculating compensation and payment thereof. What does 'R' stands for ?
- The length or area by which the route or area covered by the permit is curtailed
 - The amount computed in accordance with Sub-Section (4)
 - The amount of the area covered
 - The total length of the route or the total area covered by the permit
61. Under the Central Motor Vehicles Rules, 1989, what do you mean by TCI ?
- Trade certificate number for the vehicle
 - Transport compliance indicator
 - Traffic control identification
 - Technical certification of inspection
62. Under which rule of the Central Motor Vehicles Rules, 1989, is the test of competence to drive governed ?
- Rule 18
 - Rule 08
 - Rule 23
 - Rule 15



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63. What is the validity period of an International Driving Permit ?
- (a) 2 years
 - (b) 5 years
 - (c) 1 year
 - (d) 10 years
64. How long is the type approval of a CNG kit valid in India ?
- (a) 1 year
 - (b) 5 years
 - (c) 3 years
 - (d) Valid until the vehicle is scrapped
65. How can drivers minimize emission and noise pollution ?
- (a) By driving at a uniform speed in high gear
 - (b) By frequently changing gears
 - (c) By accelerating and braking suddenly
 - (d) None of the above
66. Under the Motor Vehicles Act 1988, the permissible limit of alcohol concentration in blood for private vehicle driver is
- (a) 20mg per 100ml
 - (b) 60mg per 150ml
 - (c) 30mg per 100ml
 - (d) 50mg per 150ml
67. Which types of fuels are mentioned in the emission standards ?
- (a) Petrol, CNG and LPG
 - (b) Diesel and kerosene
 - (c) Electric and hybrid
 - (d) None of the above



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68. What pollutants are covered under the idling emission standards ?
- (a) Oxygen and nitrogen
 - (b) Carbon monoxide (CO) and Hydrocarbon (HC)
 - (c) Water vapor and dust
 - (d) Methane and sulfur dioxide
69. Under the Motor Vehicle Act 1988, which of the following a learners license or driving license holder are expressed entitling to drive a motor vehicle ?
- (a) Adapted Vehicle
 - (b) Bi-Cycle
 - (c) Train
 - (d) Excavator
70. How many years of light motor vehicle driving license should a driver held to grant a transport vehicle driving license under Motor Vehicle Act, 1988 ?
- (a) 2 years
 - (b) 0.5 year
 - (c) 1.5 years
 - (d) 1 year
71. Which Section of the Motor Vehicle Act, 1988 deals with the grant of driving license ?
- (a) Section 21
 - (b) Section 27
 - (c) Section 8
 - (d) Section 9



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72. Which of the following is not included in the contents of the State Registers of Driving Licenses Under Motor Vehicle Act, 1988 ?
- (a) Vehicle registration number
 - (b) Name of the license holder
 - (c) Date of issuance of the license
 - (d) Class of vehicles permitted to drive
73. A vehicle registration certificate is initially valid for how many years under Motor Vehicle Act, 1988 ?
- (a) 10 years
 - (b) 12 years
 - (c) 15 years
 - (d) 18 years
74. Which Section deals with the suspension of vehicle registration under Motor Vehicle Act, 1988 ?
- (a) Section 45
 - (b) Section 46
 - (c) Section 57
 - (d) Section 53
75. What do you mean by an insurer for the time being carrying on general insurance business in India under the General Insurance Business (Nationalization) Act, 1972, (57 of 1972) and any Government Insurance fund authorized to do general insurance business under the Motor Vehicle Act, 1988 ?
- (a) Authorized insurer
 - (b) Certificate of insurance
 - (c) Un-insured
 - (d) Un-authorized insurer



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76. If a driver is caught drunk driving for the second time or subsequent offense under the Motor Vehicle Act, 1988, what is the maximum penalty ?
- 15,000 fine and imprisonment upto 2 years
 - 10,000 fine
 - Only suspension of license
 - 5,000 fine and imprisonment upto 1 year
77. What do you mean by Trade Certificate ?
- Certificate issued by the registering authority under rule 35
 - Certificates for private vehicle ownership
 - A permit for personal use of vehicles
 - A license for driving without a vehicle
78. Which Section deals with the Certificate of fitness of vehicles under Motor Vehicle Act, 1988 ?
- Section 59
 - Section 52
 - Section 53
 - Section 56
79. What do you mean by a service of motor vehicles carrying passengers or goods or both by road for hire or reward under Motor Vehicle Act, 1988 ?
- Non-road transport service
 - Aerial transport service
 - Road transport service
 - Water transport service
80. According to the Motor Vehicle Act, 1988, the use of a seat belt is mandatory for
- Drivers only
 - Front seat passengers only
 - All passengers in the vehicle
 - Both drivers and front seat passengers



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81. What should be done before emergency vehicles arrives after a post-crash ?
 - (a) Remove all damaged vehicles
 - (b) Provide first aid to the injured
 - (c) Leave the scene to avoid legal trouble
 - (d) None of the above
82. What is the purpose of a First Aid Kit ?
 - (a) To store personal belongings
 - (b) To provide necessary supplies during an emergency
 - (c) To repair vehicle parts
 - (d) To act as a toolbox
83. Which of the following is not commonly found in a First Aid Kit ?
 - (a) Antibiotic ointment
 - (b) Adhesive bandage
 - (c) Screwdriver
 - (d) Scissors
84. Under which Section of the Motor Vehicle Act, 1988 is driving under the influence of alcohol or drugs penalized ?
 - (a) Section 185
 - (b) Section 173
 - (c) Section 146
 - (d) Section 13
85. What is the maximum penalty for driving under the influence of alcohol for first offence under Motor Vehicle Act, 1988 ?
 - (a) Rs.1000 fine
 - (b) Rs.10000 fine and imprisonment upto 6 months
 - (c) Only imprisonment without fine
 - (d) Rs.15000 fine



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86. Which of the following methods is commonly used by police to detect alcohol consumption while driving ?
 - (a) Blood test only
 - (b) Urine test only
 - (c) Breath analyzer test
 - (d) Physical fitness test

87. What happens to vision under the influence of alcohol ?
 - (a) It gets hampered due to dizziness
 - (b) It becomes sharper
 - (c) It improves night vision
 - (d) It has no effect on vision

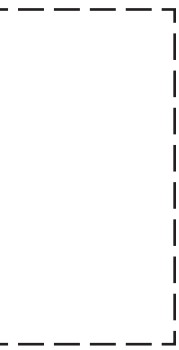
88. Apart from alcohol, what else can impair driving skills and concentration ?
 - (a) Drinking glucose
 - (b) Medicines and drugs
 - (c) Drinking water
 - (d) None of the above

89. Why is driving in an intoxicated condition dangerous ?
 - (a) It increases fuel consumption
 - (b) It is a major cause of accidents and fatalities
 - (c) It makes driving more exciting
 - (d) It slows down traffic

90. What penalty does the proposed Amendment Bill, 2016 suggest for drunken driving ?
 - (a) A strict warning
 - (b) Reduction in fuel prices for the offender
 - (c) A minimum fine of 10000
 - (d) Free driving lessons



CEM – 2/25



Answer Key for CEM-1/25 (Set - A)

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

Answer Key for CEM-1/25 (Set - B)

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



Answer Key for CEM-1/25 (Set - C)

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

Answer Key for CEM-1/25 (Set - D)

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



Answer Key for CEM – 2/25 (Set-A)

| Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key |
|--------------|----------|--------------|----------|--------------|----------|--------------|----------|
| 1 | c | 26 | a | 51 | d | 76 | a |
| 2 | c | 27 | a | 52 | d | 77 | a |
| 3 | b | 28 | c | 53 | c | 78 | d |
| 4 | c | 29 | c | 54 | d | 79 | c |
| 5 | b | 30 | a | 55 | a | 80 | d |
| 6 | b | 31 | b | 56 | c | 81 | b |
| 7 | c | 32 | a | 57 | d | 82 | b |
| 8 | b | 33 | a | 58 | a | 83 | c |
| 9 | b | 34 | b | 59 | d | 84 | a |
| 10 | c or d | 35 | a | 60 | d | 85 | b |
| 11 | c | 36 | * | 61 | a | 86 | c |
| 12 | d | 37 | d | 62 | d | 87 | a |
| 13 | d | 38 | c | 63 | c | 88 | b |
| 14 | a | 39 | b | 64 | c | 89 | b |
| 15 | d | 40 | c | 65 | a | 90 | c |
| 16 | b | 41 | d | 66 | c | | |
| 17 | a | 42 | a | 67 | a | | |
| 18 | c | 43 | b | 68 | b | | |
| 19 | c | 44 | a | 69 | a | | |
| 20 | b | 45 | c | 70 | d | | |
| 21 | d | 46 | d | 71 | d | | |
| 22 | b | 47 | c | 72 | a | | |
| 23 | a | 48 | b | 73 | c | | |
| 24 | a | 49 | b | 74 | d | | |
| 25 | d | 50 | b | 75 | a | | |

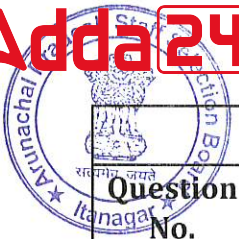
* Grace marks to all candidates



Answer Key for CEM – 2/25 (Set-B)

| Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key |
|--------------|----------|--------------|----------|--------------|----------|--------------|----------|
| 1 | b | 26 | a | 51 | a | 76 | c |
| 2 | b | 27 | a | 52 | d | 77 | a |
| 3 | c | 28 | a | 53 | c | 78 | b |
| 4 | c | 29 | a | 54 | c | 79 | a |
| 5 | b | 30 | c | 55 | a | 80 | d |
| 6 | c or d | 31 | a | 56 | d | 81 | c |
| 7 | b | 32 | * | 57 | a | 82 | d |
| 8 | c | 33 | b | 58 | b | 83 | a |
| 9 | c | 34 | a | 59 | a | 84 | d |
| 10 | b | 35 | b | 60 | c | 85 | d |
| 11 | d | 36 | c | 61 | d | 86 | a |
| 12 | b | 37 | a | 62 | a | 87 | a |
| 13 | c | 38 | b | 63 | c | 88 | d |
| 14 | d | 39 | d | 64 | d | 89 | c |
| 15 | c | 40 | c | 65 | a | 90 | d |
| 16 | b | 41 | d | 66 | b | | |
| 17 | d | 42 | d | 67 | b | | |
| 18 | a | 43 | c | 68 | c | | |
| 19 | a | 44 | d | 69 | a | | |
| 20 | c | 45 | a | 70 | b | | |
| 21 | d | 46 | c | 71 | d | | |
| 22 | a | 47 | a | 72 | c | | |
| 23 | d | 48 | b | 73 | b | | |
| 24 | b | 49 | b | 74 | b | | |
| 25 | c | 50 | c | 75 | b | | |

* Grace marks to all candidates



Answer Key for CEM – 2/25 (Set-C)

| Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key |
|--------------|----------|--------------|----------|--------------|----------|--------------|----------|
| 1 | c | 26 | a | 51 | c | 76 | d |
| 2 | b | 27 | c | 52 | a | 77 | d |
| 3 | b | 28 | a | 53 | b | 78 | c |
| 4 | b | 29 | d | 54 | b | 79 | d |
| 5 | c | 30 | b | 55 | c | 80 | a |
| 6 | c | 31 | d | 56 | d | 81 | c |
| 7 | b | 32 | c | 57 | a | 82 | a |
| 8 | c or d | 33 | a | 58 | c | 83 | b |
| 9 | b | 34 | * | 59 | d | 84 | a |
| 10 | c | 35 | a | 60 | a | 85 | d |
| 11 | a | 36 | b | 61 | d | 86 | d |
| 12 | c | 37 | b | 62 | a | 87 | c |
| 13 | d | 38 | c | 63 | b | 88 | b |
| 14 | b | 39 | b | 64 | a | 89 | b |
| 15 | d | 40 | a | 65 | c | 90 | b |
| 16 | a | 41 | c | 66 | a | | |
| 17 | c | 42 | d | 67 | d | | |
| 18 | b | 43 | a | 68 | c | | |
| 19 | c | 44 | d | 69 | c | | |
| 20 | d | 45 | d | 70 | a | | |
| 21 | a | 46 | a | 71 | b | | |
| 22 | c | 47 | a | 72 | b | | |
| 23 | d | 48 | d | 73 | c | | |
| 24 | a | 49 | c | 74 | a | | |
| 25 | a | 50 | d | 75 | b | | |

* Grace marks to all candidates

Answer Key for CEM – 2/25 (Set-D)

| Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key | Question No. | Ans. Key |
|--------------|----------|--------------|----------|--------------|----------|--------------|----------|
| 1 | b | 26 | b | 51 | c | 76 | a |
| 2 | c | 27 | d | 52 | d | 77 | d |
| 3 | b | 28 | a | 53 | a | 78 | c |
| 4 | c or d | 29 | a | 54 | d | 79 | c |
| 5 | c | 30 | a | 55 | d | 80 | a |
| 6 | b | 31 | b | 56 | c | 81 | d |
| 7 | b | 32 | c | 57 | a | 82 | a |
| 8 | b | 33 | d | 58 | b | 83 | c |
| 9 | c | 34 | c | 59 | a | 84 | d |
| 10 | c | 35 | b | 60 | d | 85 | a |
| 11 | c | 36 | a | 61 | c | 86 | d |
| 12 | b | 37 | a | 62 | a | 87 | a |
| 13 | a | 38 | * | 63 | b | 88 | b |
| 14 | c | 39 | a | 64 | b | 89 | a |
| 15 | c | 40 | b | 65 | c | 90 | c |
| 16 | d | 41 | d | 66 | d | | |
| 17 | d | 42 | c | 67 | d | | |
| 18 | b | 43 | b | 68 | c | | |
| 19 | d | 44 | b | 69 | d | | |
| 20 | a | 45 | b | 70 | a | | |
| 21 | c | 46 | b | 71 | a | | |
| 22 | a | 47 | b | 72 | a | | |
| 23 | a | 48 | c | 73 | d | | |
| 24 | c | 49 | a | 74 | c | | |
| 25 | d | 50 | b | 75 | d | | |

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