# Common Entrance Examination-2024 (Admission for M.C.A.) 

Time : 2:00 Hrs.
Maximum Marks : 400

Booklet No.

## READ THE FOLLOWING INSTRUCTIONS CAREF

1. Do not open the seal of the question booklet until you are asked to do so by invigilator.
2. OMR answer-sheet will be supplied by the Centre Superintendent for answering th estior
3. Use blue/black ink ball pen only to darken the appropria circle/oval in the OMR c wersheet. No sophisticated pens are allowed.
4. Darken one circle/oval deeply for each question in the OMR ans sheet, as fair y darkened circle might be rejected by the scanner.
5. This question booklet contains 16 pages incl ing blank ges for rou. ork. After you are permitted to open the seal, please check an' es and eport discrep, ncies, if any, to the invigilator on duty.
6. There are a total of $\mathbf{1 0 0}$ questions car $\mathbf{4 0 0}$ marks these questions are Multiple Choice Questions (MCQs). Each question hà one correc swer.
7. Questions 1 to 25 pertain to Verbal / vilit, restions 2 , to 50 pertain to Quantitative Ability. questions 51 to 75 belong to Da Inte tation and Reasoning, questions 76 to 100 pertain to Computer niwareness an each q ion carries 4 marks.
8. Rough work can be done unu in er itssif. Blank pages are provided at the end of the question booklet for roug. work.
9. Do not fold the OMR answer-st. ot and do not put any mark on it to avoid rejection by the scanne
10. Write roll num properly.
11. Before opening $t_{1} ? a$ estion bc jklet, fill-up the required information with blue/black ball pen ctly both in th. question booklet and the OMR answer-sheet.
L. Mobile phones/elect onic devices etc. are not allowed inside the examination hall.
?. The ~oklet nay be retained by the candidate after the entrance test is over.
12. . vur ( +4 ) mart shall be awarded for each correct answer and one ( -1 ) mark shall be deducted for $\epsilon$, ch wrong answer. Un-answered/ un-marked question will be given no mark ( 0 ).
13. Before the start of the examination, write your name and registration number in the space provided below using a blue/black Ink ball point pen.

| Name |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Registration <br> Number |  |  |  |  |  |  |  |  |  |

## Section A (Verbal Ability)

## [Question No. 1 to 25]

1. Which of the following is synonym of 'Masticate'?
a. Pious
b. Gobble
c. Chew
d. Swallow
2. Give one word for the given sentence:
'Someone with a compulsive desire to steal'
a. Kleptomaniac
b. Poacher
c. Pirate
d. Rustler
3. Choose antonym of word 'Oust'
a. Remove
c. Accept
b. Initiate
d. Repair
4. Find the incorrect sentence.
a. I found the carpet that I lost yesterday.
b. My wife lost the case since three years ago.
c. We shall meet on Monday to discuss the issues.
d. They run down the centre of the road.

In Questions No. 5 to 7, there is a certain relation between two given words on one side of:: and one word is given on another side $o f::$ while another word is to be found from the given alternatives.
5. Scribble : Write :: Stammer:?
6. Trumpet: Band :: Knife : ?
b. Speak
c. Read
d. Walk
a. Cutlery
b. Metal
c.
Pork
d. Cut
7. Communicable disease : Malaria :: Non-Communicable disease : ?
a. Tuberculosis
b. Measles
c. Pneumonia
d. Diabetes

## [Questions No. 8 and 9] Choose the correct meaning of Proverb/Idiom

8. Under the weather
a. To feel ill
b. Unpleasant Weather
c. Feeling good
d. Strong Storm
9. Still water runs deep
a. An energetic person who enjoys being with other people.
b. Calm and peaceful river.
c. People who are quiet or shy are often interesting.
d. People who are contended with life are the happiest.
10. Rearrange words to make meaningful sentence: stood/last/term/second/who/in/the/class/in/?
a. In last term who stood second in class?
b. Who stood second in class in the last term?
c. In the class who stood second in last term?
d. In the class in last term who stood second?
11. Find the correctly spelt word
a. Conscientious
b. Consentious
c. Consceintious
d. Consciencious
[Questions No. 12 and 13] Fill in the blanks with appropriate word
12. The boys did not turn $\qquad$ for cricket practice.
a.

b. out
c. up
d. of
13. The conversation was carried $\qquad$ whispers
c. by
b. on
d. in
14. The word given is used in four different ways. Choose the option corresponding to the sentence in which the usage of the word is incorrect or inappropriate.
HINDER
a. The performance review threatened to hinder his career.
b. A snowfall hindered the daily commuters.
c. Earthquakes are continuing to hinder the progress of the city.
d. I want that the organization would stop being hindery with the health service.
15. Choose the most suitable meaning for the given word

## TRAMPLE

a. To step on someone heavily so as to crush them
b. To engage without restraint in an activity
c. To establish the correctness of something
d. To fasten tightly

16. Four sequentially ordered statements are given. Each statement can be classified as one of the following:

Facts (F), which deal with the pieces of information that one has heard, seen or read, and which are open to discovery of verification.

Inferences (I), which are conclusions drawn about unknown, on the basis of the known.
Judgements (J), which are opinions that imply approval or disapproval of persons, objects, situations and occurrences in the past, the present or the future.
Find the correct classification of given statements.
(A) We should not get addicted to the flawed belief that corruption in India is caused by the dishonesty of Indians.
(B) The fact is that India is surrounded by red tapism. It takes 89 days to start a small business in India, while in Australia it takes only two days.
(C) This leads to corruption and falsify people's character.
(D) The red tape procedure thus involves contact with officials, which leads to bribery and corruption.
a. JFIF
b. JIJF
JFJJ
d. JFJI
17. Fill in the blanks with correct word

Catching the train will give us the $\qquad$ to do some shopping
a. instance
b. chance
c. possibility
d. event
18. Choose a word that is most opposite in meaning to the given word. QUIESCENT
a. Indifferent
b. Inactive
c. Active
d. Sympathy
19. Choose the correct spellings
a. Milenium
b. Millenium
c. Millennium
d. Mulennium
20. Rearrange the following parts to produce the correct sentence
(A) to ensure good learning is
(B) at stake then best way
(C) when the pride of a school is
(D) to create awareness among students
a. DABC
b.
c. CBAD
d. DBAC

[Questions no. 21 and 22] Choose the correct part for the underlined phrase from the given options
21. I am tired as I am walking since 5 AM
a. I was walking
b. I have been walking
c. I had been walking
d. I has been walking
22. Had I realised how close I was to the edge, I would not have carried him there,
a. Had I been realised
c. Have I been realised
b. When I realised
d. No correction required
23. Identify the type of sentence 'The sun rises in the east'.
a. Interrogative sentence
b. Exclamatory sentence
c. Imperative sentence
d. Declarative sentence
24. Fill in the blank with appropriate word
They were grateful for
a
$\qquad$ cake we gave them.
b. the
d. none of these
25. Dr. Pathak became $\qquad$ president of the company.
a. the
b. a
c. an
d. none of these

## Section B (Quantitative Ability) <br> [Questions No. 26 to 50]

26. If $A: B=3: 4, B: C=8: 9, C: D=15: 16$, find $A: B: C: D$.
a. $\quad 9: 15: 21: 24$
b. $30: 40: 45: 48$
c. 15:20:21:27
d. 3:4:9:16
27. A watermelon weighs $5000 \mathrm{gm}, 99 \%$ of its weight is water. It is kept in open and after some time it turns out that it is only $98 \%$ water by weight. What is the weight of the watermelon now?
a. $\quad 4500 \mathrm{gm}$
b. 4000 gm
c. 2500 gm
d. 4950 gm
28. The cost price of an article is $40 \%$ of the selling price. What is the percent that the selling price is of cost price?
a. $40 \%$
b. $60 \%$
$200 \%$
d. $250 \%$
29. Sum of three prime numbers is 100 . If one of them exceeds another by 36 , then one of the numbers is $\qquad$
a. 7
b. 29
c. $\quad 67$
d. 41
30. A person has to make a journey of 72 km . He rides a cycle at $12 \mathrm{~km} / \mathrm{hr}$. After going certain distance, the cycle got punctured and he walks the remaining distance at $9 / 2 \mathrm{~km} / \mathrm{hr}$. Where did the cycle got punctured if total time taken for the journey was 17/2 hours?
a. $\quad 18 \mathrm{~km}$
b. $\quad 54 \mathrm{~km}$
c. $\quad 36 \mathrm{~km}$
c. 50 km
31. Find the greatest possible length of the planks, if three pieces of timber $42 \mathrm{~m}, 49 \mathrm{~m}$ and 63 m long have to be divided into planks of the same length.
a. $\quad 6 \mathrm{~m}$
b. $\quad 63 \mathrm{~m}$
c. $\quad 49 \mathrm{~m}$
d. 7 m
32. A sum of money amounts to ₹ 6690 after 3 years and to ₹ 10035 after 6 years on compound interest. The sum is $\qquad$ .. .
a. `4460 b.` 3650
c. `4535 d.` 2800
33. If two pipes function simultaneously, the reservoir will be filled in 6 hours. One pipe fills the reservoir 5 hours faster than the other. How many hours does the faster pipe take to fill the reservoir?
a. 13 hours
b. 15 hours
c. 10 hours
d. 8 hours
34. A student covers $40 \%$ marks in Physics and $60 \%$ marks in Maths. What is the maximum marks for Physics if overall percentage of the student is $45 \%$ and in Maths the maximum marks is 100 ?
a. 100
b. 200
c. 300
d. 400
35. If the 17 th term of an arithmetic progression is 7 more than its 10 th term, then the common difference of the arithmetic progression is $\qquad$
a. $\quad 1$
b. 2
c. 3
d. -1
36. If sum of first three terms of a GP is 26 and their product is 216 . Find the common ratio.
a. 2
b. 3
c. 1
d. 5
37. What is the Harmonic Mean of two numbers whose geometric mean and arithmetic mean is 8 and 5 respectively?
a. $\quad 12.8$
b. 12
c. $\quad 13.5$
d. 14.6
38. Find the average of all prime numbers between 30 and 50 .
a. $\quad 35.5$
b. 37
c. $\quad 38.9$
d. 39.8
39. If the diagonal of a rectangle is 13 cm and perimeter is 34 cm , then its area will be $\qquad$
a. $\quad 440 \mathrm{~cm}^{2}$
b. $\quad 60 \mathrm{~cm}^{2}$
c. $\quad 250 \mathrm{~cm}^{2}$
d. $20 \mathrm{~cm}^{2}$
40. If $\sqrt{5+\sqrt[3]{x}}=3$, then find the value of $x$.
a. 8
b. 64
d. 16
41. Three persons A, B and C aim at a target. Their respective probabilities of hitting the target are $2 / 3,5 / 7$ and $3 / 8$. What is the probability that none of them hits the target?
a. 7/92
b. $5 / 28$
5/84
d. $10 / 198$
42. A man has 12 friends whom he wants to invite for lunch. In how many ways can he invite at least 10 of them?
a. 66
b. $\quad 140$
c. $\quad 79$
d. 153
43. In a colony, there are 55 members. Every member posts a greeting card to all the members. How many greeting cards were posted by them?
a. 2970
b. 3025
c. 1980
d. 990
44. If the value of $\Theta+\Phi=\Pi / 2$ and $\sin \Theta=1 / 2$, what will be the value of $\sin \Phi$ ?
a.
b. $\quad \sqrt{2}$
c. $\frac{\sqrt{3}}{2}$
d. $\frac{2}{\sqrt{3}}$
45. What is the slope of the line perpendicular to the line passing through the points $(-5,1)$ and $(-2,0)$
a. -3
b. $1 / 3$
b. $-1 / 3$
d. 3
46. If $z=x+y i, x, y \in R$ and $3 x+(3 x-y) i=4-6 i$, then $z$ is equal to $\qquad$
a. $4 / 3+10 \mathrm{i}$
b. $4 / 3-10 \mathrm{i}$
c. $-4 / 3+10 \mathrm{i}$
d. $-4 / 3-10 \mathrm{i}$
47. It was Sunday on January 1, 2006. What was the day of the week on January 1, 2010?
a. Saturday
b. Sunday
c. Friday
d. Monday
48. AB and CD are two parallel chords of a circle of radius 13 cm such that $\mathrm{AB}=10 \mathrm{~cm}$ and $C D=24 \mathrm{~cm}$. Find the distance between them. Note that both the chords are on the same side.
a. $\quad 7 \mathrm{~cm}$
b. 8 cm
c. $\quad 9 \mathrm{~cm}$
d. 11 cm
49. What is the value of $b$ for which the given equation $2 x^{2}+4 x+b=0$ has two equal roots?
a. 4
b. 2
c. 6
50. If $\log _{27} x=1 / 6$, then $x$ is equal to $\qquad$ .
a. $\quad 9$
b. 27
c. $\sqrt{3}$
d. 6

## Section-C (Data Interpretation and Reasoning) [Question No. 51 to 75]

51. In a certain code, MUNICIPALITY is coded as INMUAPCIYTLI, how is JUDICIAL written in that code?
a. UJDILACI
c. IDJULAIC
b. IDUJLACI
d. IDJULACI
52. If SAND is called AIR, AIR is called PLATEAU, PLATEAU is called WELL, WELL is called ISLAND and ISLAND is called SKY, then from where will a woman draw water?
a. WELL
b. SKY
AIR
d. ISLAND
53. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girl's $\qquad$ ...
a. Brother
b. Son
c. Son-in-law
d. Nephew
54. If $\mathrm{P}+\mathrm{Q}$ means P is the brother of $\mathrm{Q}, \mathrm{P} X \mathrm{Q}$ means P is the mother of Q ; and $\mathrm{P} / \mathrm{Q}$ means $P$ is the sister of $Q$, which of the following would mean $R$ is the uncle of $S$ ?
R X P + S
b. $\quad$ R X S + P
c. $\quad \mathrm{R}+\mathrm{P}$ X S
d. $\quad \mathrm{R} / \mathrm{P}+\mathrm{S}$
55. For the Assertion (A) and Reason (R), choose the correct alternative.

Assertion (A): Carbohydrates provide energy to the body.
Reason (R): Obesity is caused by excessive intake of carbohydrates.
a. Both A and R are true and R is the correct explanation of A .
b. Both A and R are true but R is not the correct explanation of A .
c. $\quad \mathrm{A}$ is true but R is false.
d. $\quad A$ is false but $R$ is true.
56. For the Assertion (A) and Reason (R), choose the correct alternative. Assertion (A): Eskimos reside in igloos.

Reason (R): No other material except snow is available.
a. Both A and R are true and R is the correct explanation of A .
b. Both A and R are true but R is not the correct explanation of A .
c. $\quad \mathrm{A}$ is true but R is false
d. $\quad A$ is false but $R$ is true.
57. The question given below is followed by two argumentŝ numbered I and II. You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument.

Statement : Should military service be made compulsory in our country?
Arguments $\quad: \quad$ I. No. It is against the policy of non-violence.
II. Yes. Every citizen should protect his country.
a. Only argument I is strong.
b. Only argument II is strong
c. Either I or II is strong
d. Neither I nor II is strong
58. The question given below is followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument.

Statement : Should loyalty be the only criterion for promotion in any organisation?
Arguments : I. Yes. Without loyal men, no organisation can function.
II. No. It leads to hypocrisy and partiality,
a. Only argument $I$ is strong.
b. Only argument II is strong
c. Either I or II is strong
d. Neither I nor II is strong
59. A statement is given followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. Consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Statement : A's advice to B - "Go to Jammu via Amritsar - the shortest route."
Assumptions : I. B wishes to go to Jammu.
II. A gives advice to everybody.
a. Only assumption I is implicit
b. Only assumption II is implicit
c. Either I or II is implicit
d. Neither I nor II is implicit
60. A statement is given followed by two conclusions numbered I and II. Consider the statement and the following conclusions and decide which of the conclusions is implicit.

Statement : The best way to escape from a problem is to solve it.
Conclusions : I. Your life will be dull if you don't face a problem.
II. To escape from problems, you should always have some solutions with you.
a. Only conclusion I is implicit
b. Only conclusion II is implicit
c. Either I or II is implicit
d. Neither I nor II is implicit
61. Which of the following best represents the relationship amongst Boys, Students and Athletes:
a.


c.

$\xrightarrow{C}$
d.

[Questions no. 62 and 63 ] In the figure given below, the circle represents young persons, the triangle represents uneducated persons and the rectangle represents employed persons.
62. Which region represents young, uneducated and employed persons?
a. 2
b. 4
c. 6
d. 3
63. The region which represents educated, employed young persons, is denoted by
a. 2
b. 3
c. 1
d. 4
64. Shailesh and Sumer start from a fixed point. Shailesh moves 3 km northward, turns right and then covers 4 km . Sumer moves 5 km westwards, turns right and walks 3 km . The distance between Shailesh and Sumer, now is $\qquad$ .
a. $\quad 10 \mathrm{~km}$
b. $\quad 9 \mathrm{~km}$
c. 8 km
d. 6 km
65. Varun travelled 7 Km eastward, then turned left and travelled 5 Km . Nex̂t, he turned left and travelled 7 Km . How far was he from the starting point?
a. $\quad 7 \mathrm{~km}$
c. 5 km

66. Two statements I and II are given. These statements may be either independent causes or may be effects of independent causes or a common cause. One of the statements may be effect of the other statement. Read both the statements and decide which of the following choices correctly depicts the relationship between these two statements.

I The staff of Airport Authorities called off the strike they were observing in protest against privatization.

II The staff of Airport Authorities went on strike anticipating a threat to their jobs.
a. Statement I is cause; statement II is effect.
b. Statement II is cause; statement $I$ is effect.
c. Both the statements I and II are independent causes.
d. Both the statements I and II are effects of independent causes.
67. Three positions of the dice are given below. Identify the number on the face opposite to 6 .

a. 1
b. 2
c. 5
d. 3
68. If the statement "All men are poor" is false, which of the following statements can be claimed certainly to be true?
a. Some men are poor.
b. Some men are not poor
c. No man is poor
d. No poor person is a man
69. Five friends A, B, C, D and E sit in a row facing north not necessarily in the same order. B sits at the left end of the row. Only two people are sitting between $A$ and $C$. A sits immediate next to B and D sits second to the right of B . Who sits between D and C ?
a. E
b. B
c. A
d. None
70. By interchanging the two numbers 20 and 36, which of the following equations will be correct?

I $\quad 65+42-36 \times 20 \div 9=27$
II $\quad 20 \div 3 \times 36+81-41=280$
a. Only I b. Only II c. Both I and II d. Neither I nor II
71. The following equation becomes mathematically correct when you interchange either the sign or the number as given. Find the correct alternative. Given equation is $(16-4) \times 6 \div 2+8=30$
a. $\quad 4$ and 2
b. $\div$ and -
c. $\quad 16$ and 6
d. - and +
[Questions No. 72-75] The sub-divided bar diagram given below depicts the result of B.Sc. students of a college for three years. Study the diagram and select the correct answer.

72. How much percent passed in 1st division in 2002?
a. $20 \%$
b. $34 \%$
c. $14 \frac{2}{7} \%$
d. $11 \frac{13}{17} \%$
73. What was the pass percentage in 2002?
a. $65 \%$
b. $70 \%$
c. $82.3 \%$
d. $77.5 \%$
74. In which year the college had the best result for B.Sc.?
a. 2002
b. 2003
c. 2004
d. Both 2002 and 2003
75. What is the number of third divisioners in 2004 ?
a. 165
b. 70
c. 75
d. 65

## Section D - Computer Awareness [Questions No. 76 to 100]

76. With reference to Space science, what is Orion?
a. Dwarf planet
b. Constellation
c. Satellite
d. Star
77. What is the new name of Google's AI chatbot Bard?
a. LIBRA
b. GEMINI
c. LEO
d. ARIES
78. When is National Science Day celebrated?
a. 5th February
b. 28th February
c. 5th September
d. 14th September
79. is the weak zone of earth's crust.
a. Cosmic
b. Mimic
c. Seismic
d. Anaemic
80. The speaker of the Lok Sabha can ask a member of the house to stop speaking and let another member speak: This phenomenon is known as $\qquad$
a. Yielding the floor
b. Calling attention motion
c. Crossing the floor
d. Point of order
81. The smallest unit of data in a computer is $\qquad$ .
a. byte
b. bit
c. nibble
d. word
82. What is the extension of the file created and saved in notepad?
a. .doc
b. .txt
c. .exe
d. .bmp
83. Which of the following is not a type of computer code?
a. American Standard Code for Information Interchange.
b. Binary Coded Decimal.
c. Open Systems Interconnection Code.
d. Extended Binary Coded Decimal Interchange Code.
84. Which of the following is a non-positional number system?
a. Decimal
b. Octal
c. Roman
d. Hexadecimal
85. Which of the following is an example of a binary number?
a. 6 AB
b. 2120
c. 1011
d. AB11
86. Conversion of $(43)_{8}$ to binary is $\qquad$
a. 110011
b. 100011
c. 110001
d. 100001
87. $\qquad$ gate acts as an inverter.
a. OR
b. AND

NOT
d. None of the above
88. Which Boolean expression correctly represents the logic circuit diagram?

a. $\quad(\mathrm{A}+\mathrm{B}) \cdot(\mathrm{C}+\mathrm{D})$
b. $\quad(\mathrm{A} \cdot \mathrm{B})^{\prime}+(\mathrm{C} \cdot \mathrm{D})^{\prime}$
c. $\quad \mathrm{A} \cdot \mathrm{B}+\mathrm{C} \cdot \mathrm{D}$
d. $\quad(\mathrm{A}+\mathrm{B})^{\prime} \cdot(\mathrm{C}+\mathrm{D})^{\prime}$
89. What is the value of $\mathrm{F}^{\prime}$ where $\mathrm{F}=\mathrm{AB}+\mathrm{C}^{\prime} \mathrm{D}^{\prime}+\mathrm{B}^{\prime} \mathrm{D}$ ?
a. $\mathrm{A}^{\prime} \mathrm{B}^{\prime}+\mathrm{CD}+\mathrm{BD}^{\prime}$
b. $\quad(\mathrm{A}+\mathrm{B})\left(\mathrm{C}^{\prime}+\mathrm{D}^{\prime}\right)\left(\mathrm{B}+\mathrm{D}^{\prime}\right)$
$\left(\mathrm{A}^{\prime}+\mathrm{B}^{\prime}\right)(\mathrm{C}+\mathrm{D})\left(\mathrm{B}+\mathrm{D}^{\prime}\right)$
d. $(\mathrm{A}+\mathrm{B})\left(\mathrm{C}^{\prime}+\mathrm{D}^{\prime}\right)\left(\mathrm{B}^{\prime}+\mathrm{D}\right)$
90. $(\mathrm{A}+\mathrm{B})\left(\mathrm{A}^{\prime} \mathrm{B}^{\prime}\right)=$ $\qquad$
b. 0
c. AB
d. $A^{\prime} B^{\prime}$
91. How is $\mathrm{J}-\mathrm{K}$ flip-flop made to toggle?
a. $\quad \mathrm{J}=0, \mathrm{~K}=0$
b. $\quad \mathrm{J}=1, \mathrm{~K}=0$
c. $\quad \mathrm{J}=0, \mathrm{~K}=1$
d. $\quad \mathrm{J}=1, \mathrm{~K}=1$
92. D flip-flop can be made from a J -K flip-flop by making $\qquad$
a. $\quad \mathrm{J}=\mathrm{K}$
b. $\quad \mathrm{J}=\mathrm{K}=1$
c. $\quad \mathrm{J}=0, \mathrm{~K}=1$
d. $\quad \mathrm{J}=\mathrm{K}^{\prime}$
93. To copy a process from memory to disk to allow space for other processes is called $\qquad$
a. Deadlock
b. Swapping
c. Paging
d. Page Fault
94. Which of the following is not an Operating System?
a. DOS
b. Windows
c. UNIX
d. MS Office
95. Which type of software does the job of merging the records from two files into one?
a. Compiler
b. Utility Software
c. Operating System
d. Networking System
96. Which of the following cannot be a variable name in C ?
a. friend
b.
c. volatile
d. export
97. What is the final value of $x$ in the following code? \#include < stdio.h> void main()
\{ int x ;
$\mathrm{x}=2 * 17 / 4+9$; printf("\%d",x);
\}
a. $\quad 17.5$
b. $\quad 17$
c. $\quad 18.5$
d. 18
98. What is the range for integer values in a 16-bit compiler?
a. -32767 to 32768
b. $\quad-32768$ to 32767
c. -30000 to 30000
d. $\quad-32678$ to 32678
99. Which of the following is not a library function in C ?
a. $\quad \operatorname{printf}()$
b. $\quad \operatorname{scanf}()$
c. $\quad \operatorname{fprintf}()$
d. $\quad \operatorname{print}()$
100. What happens when you try to access an array variable outside its size?
a. 0 value is returned
b. Garbage value is returned
c. $\quad 1$ value is returned
d. Compiler error is thrown

## Rough Work



