

# 42/2023-K

Question Booklet  
Alpha Code

M

Question Booklet  
Serial Number

Total Number of questions : 100

Time : 1 Hour 30 Minutes

Maximum Marks : 100

## 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 unnumbered, 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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**DO NOT WRITE HERE**

1. In India which Five Year Plan focussed upon the target of "Faster, more inclusive and Sustainable growth"?  
(A) Eleventh Five Year Plan (B) Twelfth Five Year Plan  
(C) Tenth Five Year Plan (D) Ninth Five Year Plan
2. Which of the following statements is/are correct about "Pele", the Brazilian professional footballer?  
(A) Diego Armando Maradona  
(B) Cristiano Ronaldo Dos Santos Aveiro GOIH ComM  
(C) Edson Arantes do Nascimento  
(D) Lionel Andres Messi
3. Which one of the following is correct about the tributary of Bharathapuzha?  
(A) Korayar (B) Mullayar  
(C) Muthirapuzha (D) Kakkiyar
4. \_\_\_\_\_specifies the symbol used internationally to certify the safety of Electronic and Electrical Appliances.  
(A) ISI Stamp (B) ISO (C) BIS (D) CE
5. Which among the following statements is/are correct about the local winds experienced in India?  
(i) Loo local winds  
(ii) Chinook local winds  
(iii) Harmattan local winds  
(iv) Mango shower local winds  
(A) only ii and iii (B) only iii and iv  
(C) only i and iv (D) All of the above
6. Which of the following is the major nuclear power plant in Gujarat?  
(i) Kaiga (ii) Kakrapar (iii) Narora (iv) Tarapur  
(A) only (i) (B) only (ii) (C) only (iii) (D) only (iv)
7. Which of the following statements is/are correct about Ramakrishna Mission?  
(i) The ideologies of Ramakrishna Mission to oppose caste system and social evils  
(ii) Propagated the concepts of liberty, equality and freedom of thought.  
(iii) Campaigned against idol worship.  
(A) only (ii and iii) (B) only (i and ii)  
(C) All of the above (D) only (i and iii)



13. \_\_\_\_\_ is used to store programs and data, which do not change and are frequently used.
- (A) ROM (B) Cache  
(C) RAM (D) Registers
14. WORM Disk is
- (A) CD-ROM (B) CD-RW  
(C) CD-R (D) DVD
15. The super computer used for playing chess is
- (A) Gravity Pipe (B) Deep Blue  
(C) Deep Crack (D) None of the above
16. Which is used to print vector graphics?
- (A) Laser printer (B) Teleprinter  
(C) Thermal printer (D) Plotter
17. Which of the following enables loading the operating system within the computer memory when a computer is started or booted up?
- (A) Compile and Go loader (B) Boot loader  
(C) Bootstrap loader (D) Bootstrap
18. Which one of the following is not an application software?
- (A) CentOS (B) Canva  
(C) Firefox (D) MS Office
19. The binary number corresponding to 25 is
- (A) 10111 (B) 11011 (C) 11001 (D) 11111
20. The decimal values of ASCII code and EBCDIC code for A are
- (A) 129 and 97 (B) 193 and 65  
(C) 240 and 48 (D) 201 and 73
21. Thesaurus in MS Word allows us to
- (A) view synonyms (B) check the spelling and grammar  
(C) count the words (D) translate into a different language
22. Short key used to select the entire content of a word document is
- (A) [Ctrl]+[S] (B) [Alt]+[S]  
(C) [Ctrl]+[A] (D) [Alt]+[A]

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23. Drop Cap in MS Word is used to  
(A) Decrease the font size  
(B) Convert into lower case  
(C) Toggle the case  
(D) Create a large capital letter at the beginning of a paragraph
24. A document can be zoomed upto  
(A) 150%                      (B) 500%                      (C) 250%                      (D) 600%
25. Maximum number of levels a formula can be nested in MS Excel 2007 is  
(A) 7                              (B) 64                              (C) 16                              (D) 32
26. By default, Excel 2007 workbooks use the file extension.  
(A) XLS                              (B) XML                              (C) EML                              (D) XLSX
27. A hidden row is actually a row with its height set to  
(A) one                              (B) two                              (C) zero                              (D) five
28. Column letters in the modern versions of MS Excel ranges from A to \_\_\_\_\_.  
(A) XFD                              (B) IV                              (C) ZZ                              (D) ZZZ
29. \_\_\_\_\_are non-printing dotted lines at regularly spaced intervals that can help you line up objects on a slide.  
(A) View tab                              (B) Gridlines  
(C) Guides                              (D) Ruler
30. In MS PowerPoint, key used to run the slide show from the beginning is  
(A) F5                              (B) Shift+F5  
(C) Ctrl+F5                              (D) Alt+F5
31. Classes in Object Oriented Programming are  
(A) Structures                              (B) Abstract Data Types  
(C) Union                              (D) Data encapsulation
32. Which one of the following is an area for application of OOP?  
(A) Object-oriented databases  
(B) CIM/CAM/CAD Systems  
(C) Hypertext, hypermedia and expertext  
(D) All of the above

33. The inline function takes the format as a normal function but when it is compiled it is compiled as\_\_\_\_\_
- (A) outline code (B) inline code  
(C) function code (D) data member code
34. The copy constructor
- (A) Creates an object from any object  
(B) Creates an object from an object of the same class  
(C) Creates an object that is a pointer to the copied object  
(D) None of the these
35. Which of the following is not a key component of .Net framework ?
- (A) CTS (B) VB.NET (C) CLR (D) CLS
36. A control that displays a list of items from which the user can choose
- (A) List Box (B) Combo box  
(C) List View (D) Select list
37. MSIL stands for
- (A) Microsoft Interface Language (B) Microsoft Information Language  
(C) Microsoft Intermediate Language (D) None of the these
38. Variables inherited from a base class can be identically redeclared in the derived class with the \_\_\_\_modifier, which does not affect the accessibility provided in the base declaration in VB.NET
- (A) Private (B) Read only (C) Protected (D) Shadows
39. An entity is represented by a set of\_\_\_\_\_
- (A) Attributes (B) Object  
(C) Both A and B (D) None of the these
40. \_\_\_\_\_attempts to transform a user's request into an equivalent but more efficient form, thus finding a good strategy for executing the query.
- (A) DML compiler (B) DDL  
(C) MSIL (D) None of these
41. Which constraint is used to specify that values of columns cannot be repeated or left blank?
- (A) Not Null (B) Primary Key  
(C) Foreign Key (D) Check

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42. \_\_\_\_\_ is used to remove an object from the database  
(A) DROP command (B) TRUNCATE statement  
(C) Update command (D) None of these
43. All fields for a specific entity can be grouped together as a \_\_\_\_\_  
(A) File (B) Record (C) Field (D) Database
44. Aggregate functions are frequently used with the GROUP BY clause of the \_\_\_\_\_ statement.  
(A) INSERT (B) CREATE (C) UPDATE (D) SELECT
45. Which one of the following is not a component of URL?  
(A) Protocol identifier (B) Resource name  
(C) Scheme (D) None of these
46. \_\_\_\_\_ client is an application that is used to read, write and send email  
(A) SMTP (B) IP (C) FTP (D) Email
47. Which HTML element that have no content ?  
(A) <br> (B) <P>  
(C) <a> (D) None of these
48. \_\_\_\_\_ is used to display a web page within a web page  
(A) frame (B) iframe (C) page (D) new tab
49. \_\_\_\_\_ is used to program the behaviour of web pages  
(A) HTML (B) CSS (C) PHP (D) JAVASCRIPT
50. Which one of the following is not a loop in JavaScript?  
(A) for loop (B) while loop  
(C) for-in loop (D) None of these
51. Like any other machine, a typewriter also should be properly cleaned, oiled and maintained. Choose the correct reason from the following.  
(i) Machine works smoothly  
(ii) It prolongs the life of machine  
(iii) We can type easily with less strain  
(iv) It ensures high class performance.  
(A) (i) and (ii) (B) (ii) and (iii)  
(C) (iii) and (iv) (D) All of these



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57. It is very essential that every official letter should have a complementary clause. Select the suitable complementary clause from the following options
- (i) Yours Truly (ii) Dear Sir  
(iii) Yours faithfully (iv) Sir/Madam  
(A) (i) Only (B) (i) and (ii)  
(C) (ii) and (iii) (D) (iii) Only
58. Pick out the correct statement/s from the following
- (i) There are 50 keys for Halda typewriter  
(ii) While pressing spacebar, the carriage moves one letter space towards left.  
(iii) Cylinder is covered with metal  
(iv) Push button is provided in the left side of the cylinder.  
(A) All of the above (B) None of these  
(C) (iv) only (D) (i) and (ii)
59. The force of the main spring is exerted to the carriage by means of the following
- (i) Draw band (ii) Rigid dog  
(iii) Pinion wheel (iv) Loose dog  
(A) (i) only (B) (iii) only  
(C) (ii) and (iv) (D) (i) and (iii)
60. While pressing the following, the carriage moves towards left.
- (i) Carriage release levers (ii) Tabulator key lever  
(iii) Key lever (iv) Back space key  
(A) (i) and (ii) (B) (ii) and (iii)  
(C) (ii), (iii) and (iv) (D) (i), (ii) and (iii)
61. My father rarely smoked a pipe,\_\_\_\_\_
- (A) did he? (B) didn't he?  
(C) were he? (D) was he?
62. If she reached there early, she\_\_\_\_\_him.
- (A) could have met (B) could met  
(C) could meet (D) could have meet
63. Maya: "Mother, watch him carefully".  
Maya asked her mother\_\_\_\_\_ carefully.
- (A) whether she watched him (B) to watch him  
(C) that she watched him (D) if she had watched him

64. Find the part of the sentence which is incorrect.  
one of the boys / in our class / have won the prize.  
(a) (b) (c)  
(A) (a) (B) (b) (C) (c) (D) (a & b)
65. She always keeps her room tidy.  
Which of the following sentences conveys the same idea?  
(A) She never keeps her room tidy.  
(B) She never keeps her room untidy  
(C) She always keeps her room untidy.  
(D) She at times keeps her room tidy.
66. The director has decided to cast a new actor as the \_\_\_\_\_ in his new film.  
(A) protogonist (B) protagonist  
(C) protagonest (D) pretagonist
67. The word which means 'a student with the highest academic rank in a class' is \_\_\_\_\_  
(A) Predestinarian (B) Majoritarian  
(C) Valetudinarian (D) Valedictorian
68. When Rita says, 'This subject is Greek and Latin to me' she means  
(A) It is known to her (B) It is new to her  
(C) It is ignored by her (D) It is liked by her
69. Which word is similar in meaning to the word 'amateur'?  
(A) professional (B) desirable  
(C) unwanted (D) unskilled
70. David eats too much now-a-days. He has \_\_\_\_\_ a few pounds recently.  
(A) put up (B) put in (C) put on (D) put aside
71. ಶುಭೋದಯ ಇದರ ಪದವಿಂಗಡಣೆ  
(A) ಶುಭ + ಆಯ (B) ಶುಭ + ಉದಯ  
(C) ಶುಭ + ಉದಯ (D) ಶುಭ + ದಯ
72. ಎಂಜಲಿಗೆ ಕೈಯೊಡ್ಡು ಈ ನುಡಿಗಟ್ಟಿನ ಅರ್ಥ  
(A) ತಿರಸ್ಕರಿಸು (B) ಸ್ವೀಕರಿಸು  
(C) ಪರರ ಅಧೀನದಲ್ಲಿರು (D) ವಿರೋಧಿಸು

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73. ಇವುಗಳಲ್ಲಿ ಅನ್ಯ ದೇಶೀಯ ಪದ  
(A) ಸಾಬೂನು (B) ಹೊತ್ತಗೆ  
(C) ನೇಸರು (D) ನೆಲ
74. ಕಡಲ ತಡಿಯ ಭಾರ್ಗವ ಎಂದು ಪ್ರಸಿದ್ಧರಾದವರು  
(A) ಪಂಜಿ ಮಂಗೇಶರಾಯ (B) ಶಿವರಾಮ ಕಾರಂತ  
(C) ಮಂ. ಗೋವಿಂದ ಪೈ (D) ದ.ರಾ. ಬೇಂದ್ರೆ
75. ಕೆಳಗೆ ಕೊಟ್ಟಿರುವವುಗಳಲ್ಲಿ ಸರಿಯಾದ ಪದ  
(A) ಪ್ರಬಂಧ (B) ಪ್ರಭಂದ  
(C) ಪ್ರಭಂಧ (D) ಪ್ರಬಂದ
76. ಮಾಡಿದ ಕಾರ್ಯಕ್ಕೆ ತಕ್ಕ ಪ್ರತಿಫಲ ಎಂಬ ಸೂಚ್ಯಾರ್ಥವುಳ್ಳ ಗಾದೆ  
(A) ಮನಸಿದ್ದರೆ ಮಾರ್ಗವಿದೆ (B) ದೂರದ ಬೆಟ್ಟ ನುಣ್ಣಿಗೆ  
(C) ಹಾಸಿಗೆಯಿದ್ದಷ್ಟು ಕಾಲು ಚಾಚು (D) ಬಿತ್ತಿದಂತೆ ಬೆಳೆ
77. ಪಂಚದ್ರಾವಿಡ ಭಾಷೆಗಳು  
(A) ಕನ್ನಡ, ತುಳು, ತಮಿಳು, ತೆಲುಗು, ಕೊಂಕಣಿ  
(B) ಕನ್ನಡ, ತಮಿಳು, ಮಲೆಯಾಳ, ತೆಲುಗು, ಕೊಡಗು  
(C) ಕನ್ನಡ, ಮಲೆಯಾಳ, ತಮಿಳು, ತೆಲುಗು, ತುಳು  
(D) ಕನ್ನಡ, ಮಲೆಯಾಳ, ತಮಿಳು, ಹಿಂದಿ, ತುಳು
78. Department - ಇದಕ್ಕೆ ಸಂವಾದಿಯಾಗಿ ಕನ್ನಡದಲ್ಲಿ ಬಳಸುವ ಪದ  
(A) ಇಲಾಖೆ (B) ಕಛೇರಿ  
(C) ವಸತಿ (D) ಕಾರ್ಯಾಲಯ
79. ಮಾತು ಬೆಳ್ಳಿ, ಮೌನ \_\_\_\_\_  
(A) ವಜ್ರ (B) ಮುತ್ತು  
(C) ವ್ರತ (D) ಬಂಗಾರ
80. ಸಜ್ಜನ ಇದರ ವಿರೋಧಾರ್ಥ ಪದ  
(A) ಸುಜನ (B) ದುರ್ಜನ  
(C) ವಿಜನ (D) ಮಜ್ಜನ

81. ಹಳೆಯ ಕೊಡೆ - ಇಲ್ಲಿ ಹಳೆಯ ಎಂಬುವುದು  
 (A) ಸಂಖ್ಯಾವಾಚಕ (B) ಗುಣವಾಚಕ  
 (C) ಪರಿಮಾಣವಾಚಕ (D) ನಾಮವಾಚಕ
82. ತಿಮಿರಿ - ಈ ಪದದ ಅರ್ಥ  
 (A) ಕತ್ತಲು (B) ಕಣ್ಣರೆಪ್ಪೆ  
 (C) ಮೀನು (D) ಬೆಳಕು
83. ಸರಿಯಾದ ವಾಕ್ಯ ಯಾವುದು?  
 (A) ಬದುಕು ಸಿಹಿಕಹಿಗಳ ಪಾಕವಾಗಿದೆ  
 (B) ಸಿಹಿ ಬದುಕು ಕಹಿಗಳ ಪಾಕವಾಗಿದೆ  
 (C) ಪಾಕವಾಗಿದೆ ಸಿಹಿ ಕಹಿಗಳ ಬದುಕು  
 (D) ಬದುಕು ಕಹಿಗಳ ಸಿಹಿಪಾಕವಾಗಿದೆ
84. Time once lost cannot be regained ಇದರ ಕನ್ನಡ ಅನುವಾದ  
 (A) ಕಳೆದು ಹೋದ ಸಮಯವನ್ನು ಮರಳಿ ಪಡೆಯಬಹುದು  
 (B) ಕಳೆದು ಕೊಂಡ ಸಮಯವನ್ನು ಮರಳಿ ಪಡೆಯಬೇಕಾಗಿದೆ  
 (C) ಒಮ್ಮೆ ಕಳೆದು ಕೊಂಡ ಸಮಯವನ್ನು ಮರಳಿ ಪಡೆಯಲಾಗದು  
 (D) ಸಮಯವನ್ನು ಒಮ್ಮೆ ಕಳೆದುಕೊಂಡರೂ ಮರಳಿ ಪಡೆಯಬಹುದು
85. ಕೆಳಗಿನವುಗಳಲ್ಲಿ ದ್ವಿರುಕ್ತಿ ಯಾವುದು?  
 (A) ಬಡವ ಬಲ್ಲಿದ (B) ಓಡೋಡು  
 (C) ಫಳಫಳನೆ (D) ಆಟಪಾಠ
86. ಆದೇಶ ಸಂಧಿಗೆ ಉದಾಹರಣೆಯಾಗಿರುವುದು  
 (A) ರಸದಾನಂದ (B) ಅತ್ಯುತ್ತಮ  
 (C) ಉನ್ನತೋನ್ನತ (D) ಮಳೆಗಾಲ
87. ಪ್ರಯಾಣ: ಪಯಣ, ವಿನೋದ: \_\_\_\_\_  
 (A) ವಿಗತ (B) ವಿನುತ  
 (C) ಬಿನೋದ (D) ಬಿನದ
88. ಕರ್ನಾಟಕ ಸಂಗೀತದ ಪಿತಾಮಹ ಎಂದು ಪ್ರಸಿದ್ಧರಾದವರು  
 (A) ಪುರಂದರದಾಸ (B) ಕನಕದಾಸ  
 (C) ವಾದಿರಾಜರು (D) ವ್ಯಾಸರಾಯ

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89. ಸರಿಯಾದ ವಾಕ್ಯವನ್ನು ಗುರುತಿಸಿರಿ.
- (A) ಮಗು ನಲಿದಾಡಿದನು (B) ಮಗು ನಲಿದಾಡಿದಳು  
(C) ಮಗು ನಲಿದಾಡಿದರು (D) ಮಗು ನಲಿದಾಡಿತು
90. ದ್ವಿತೀಯ ವಿಭಕ್ತಿ ಪ್ರತ್ಯಯದಲ್ಲಿರುವುದು
- (A) ಮರದ (B) ಮರವನ್ನು  
(C) ಮರದಿಂದ (D) ಮರದಲ್ಲಿ
91. ಅನು ಮತ್ತು ರಾಜು ಅವರ ಪ್ರಸ್ತುತ ವಯಸ್ಸು 4:5 ಅನುಪಾತದಲ್ಲಿದೆ. 8 ವರ್ಷಗಳ ನಂತರ ಅವರ ವಯಸ್ಸಿನ ಅನುಪಾತವು 5:6 ಆದರೆ, ಈಗ ಅವರ ವಯಸ್ಸು ಕ್ರಮವಾಗಿ ಎಷ್ಟು?
- (A) 32, 40 (B) 36, 45 (C) 20, 25 (D) 16, 20
92. ಘನ ಆಕಾರದ ಪಾತ್ರೆಯ ಒಳಭಾಗದ ಅಳವು 20cm. ಅದರಲ್ಲಿ 10cm ಎತ್ತರದವರೆಗೆ ನೀರು ತುಂಬಿದೆ. ಆದ್ರೆ ಮೇಲ್ಮೈಯ ವಿಸ್ತೀರ್ಣ ಎಷ್ಟು?
- (A) 600 (B) 800 (C) 1200 (D) 2400
93. ಕೆಳಗಿನ ಸಂಖ್ಯಾ ಜೋಡಿಗಳಲ್ಲಿ ಯಾವುದರ ಗುಣಲಬ್ಧವು ಪೂರ್ಣಾಂಕವಾಗಿರಲಿವೆ?
- (1)  $\sqrt{3}, \sqrt{12}$  (2)  $\sqrt{7\frac{1}{2}}, \sqrt{3\frac{1}{3}}$  (3)  $\sqrt{5}, \sqrt{80}$   
(A) ಕೇವಲ 1 ಮತ್ತು 3 (B) ಕೇವಲ 2 ಮತ್ತು 3  
(C) ಕೇವಲ 1 ಮತ್ತು 2 (D) 1, 2 ಮತ್ತು 3
94. TV ಕಂಪನಿಯು ವಿಶೇಷ ಪ್ರಕಾರದ TVಯ ಬೆಲೆಯನ್ನು ಪ್ರತಿ ವರ್ಷ 5% ರಷ್ಟು ಕಡಿಮೆ ಮಾಡುತ್ತದೆ. TVಯ ಪ್ರಸ್ತುತ ಬೆಲೆ ರೂ. 8000/- ಆಗಿದ್ದರೆ, 2 ವರ್ಷಗಳ ನಂತರ ಬೆಲೆ ಎಷ್ಟು?
- (A) 8820 (B) 7220 (C) 8800 (D) 7200
95.  $(-3)^4 \times \left(\frac{5}{3}\right)^4 = \underline{\hspace{2cm}}$
- (A)  $(-3)^8$  (B)  $3^8$   
(C)  $5^4$  (D)  $3^8 \times 5^4$
96. ಸರಣಿಯಲ್ಲಿ ತುಂಬಬೇಕಾದ ಸಂಖ್ಯೆ ಯಾವುದು?  
1, 51, 3, 46, 5, \_\_\_\_\_, 7, 36.....
- (A) 41 (B) 6 (C) 31 (D) 43

97. BC : KL :: MN : \_\_\_\_\_  
 (A) LM (B) VW  
 (C) BM (D) YZ
98. ಗಡಿಯಾರದ ಸಮಯವು 12.20 ಆಗಿದ್ದರೆ, ಗಡಿಯಾರದ ದರ್ಪಣ ಬಿಂಬದಲ್ಲಿ ಸಮಯ ಎಷ್ಟು?  
 (A) 11.20 (B) 8.55 (C) 11.40 (D) 10.40
99. ಗುಂಪಿಗೆ ಸೇರದ ಆಯ್ಕೆಯನ್ನು ಆರಿಸಿ  
 20, 21, 23, 24, 25, 35, 36, 28  
 (A) 24 (B) 23  
 (C) 20 (D) ಇದ್ಯಾವುದೂ ಅಲ್ಲ
100. ನಿರ್ದಿಷ್ಟ ಸಂಕೇತವೊಂದರಲ್ಲಿ FROG ಅನ್ನು KVRI ಎಂದು ಬರೆಯಬಹುದಾದರೆ, GATE ಅನ್ನು ಹೇಗೆ ಬರೆಯಬಹುದು ?  
 (A) JDWH (B) LEXI  
 (C) ICWG (D) LEWG

**M**

SPACE FOR ROUGH WORK