

Seat No.

Total No. of Pages : 20

P.G. Entrance Examination, 2024**M.Sc. Computer Science****Subject Code : 58712**

Day and Date : Friday, 17-05-2024**Total Marks : 100****Time : 01:00 pm to 02:30 pm**

Instructions :

- 1) Do not write anything on the Question Booklet. Blank page is attached for rough work.
 - 2) Separate answer sheet is provided to answer the questions
 - 3) All questions are compulsory.
 - 4) Each question carries one mark. Select the correct alternative from a), b), c), d) and blacken the oval bearing right answer.
 - 5) This is to be done in a given Answer Sheet. Use only black ball point pen.
 - 6) Calculators, Mobiles and Pagers are not allowed.
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Q1. What is the slogan of environmental Day 2024?

- a) The Journey to a Greener Future
- b) Solutions to Plastic Pollution
- c) Think Green, Act Green, Live Green
- d) Say no to pollution & Yes to Recycle

Q2. What is the inspiration for G20 2023 logo?

- | | |
|---------------------------|---------------------------|
| a) France's national flag | b) Russia's national flag |
| c) India's national flag | d) Brazil's national flag |

Q3. National Cooperative Week is celebrated from.....

- | | |
|--|--|
| a) 1 st - 8 th January | b) 15 th -21 st December |
| c) 4 th -10 th March | d) 15 th -21 st November |

- Q4. Who is the father of political unrest in India?
- a) Sardar Vallabhbhai Patel
 - b) Bal Gangadhar Tilak
 - c) Bhagat Singh
 - d) Mangal Pandey
- Q5. Where is the headquarter of the Food Safety and Standards Authority of India (FSSAI)?
- a) Bangalore.
 - b) Chandigarh.
 - c) New Delhi.
 - d) Hyderabad.
- Q6. Whose autobiography is "India Wins Freedom"?
- a) M. K. Gandhi
 - b) Abul Kalam Azad
 - c) Jawaharlal Neharu
 - d) Dr. Rajendra Prasad
- Q7. Who is the first Asian man to be nominated for International Tennis Hall of Fame?
- a) Mahesh Bhupathi
 - b) Yuki Bhambri
 - c) Rohan Bopanna
 - d) Leander Paes
- Q8. Who initiated significant economic reforms, liberalizing the Indian economy among the Bharat Ratna 2024 awardees?
- a) P. V. Narasimha Rao
 - b) L. K. Advani
 - c) Charan Singh
 - d) M. S. Swaminathan

Q32. Statements: In a class of 30 students, 60% are girls.

Conclusions:

I) There are 18 boys in the class..

II) Girls are the majority in the class.

a) Only conclusion I follows.

b) Only conclusion II follows.

c) Both I and II follows.

d) None of above

Q33. E is the son of C. D is the husband of C. B and G is the only brother and daughter of D respectively. F is the maternal aunt of E and G. How is B related to E?

a) Mother

b) Nephew

c) Son

d) Uncle

Q34. David prefers Economics to Maths, English to Social science, and Political Science to History. If she prefers Maths to History, and Social science to Maths, which is David's least preferred subject?

a) History

b) Maths

c) Social science

d) Economics

Q35. Assertion (A): Birds have feathers.

Reason (R): Feathers help birds to fly.

a) A-Both A and R are true, and R is the correct explanation of A.

b) B-Both A and R are not true, but R is NOT the correct explanation of A.

c) C-A is true, but R is false.

d) D-A is false, but R is true.

Q62. We need to find method to solve this problem.

- a) other
- b) the other
- c) another
- d) others.

Q63. The man wallet was stolen called the police.

- a) who
- b) whose
- c) whom
- d) which

Q64. White ball for the first time in the 1992 Cricket World Cup.

- a) used
- b) was used
- c) had used
- d) has been used

Q65. He has been living in Sweden two years.

- a) for
- b) since
- c) from
- d) until

Q66. loosing the first match, our team has won the world cup.

- a) Because of
- b) In order to
- c) Despite
- d) In spite

Q67. The sun rises the east.

- a) in
- b) on
- c) from
- d) towards

Q68. We are planning out to dinner tonight.

- a) taking our guests
- b) guests to take
- c) guests taking
- d) to take our guests

Q69. For good health, she bed earlier.

- a) should go
- b) should go to
- c) should goes
- d) should goes to

Q70. 600 and 800 B.C, Olympics were held in Athens, Greece.

- a) During
- b) Until
- c) Unless
- d) Between

Q71. Avik a book yesterday.

- a) had read
- b) readed
- c) red
- d) read

Q72. The barber his finger while he off my hair.

- a) Had cut, was chopping
- b) Cut, chop
- c) Cut, was chopping
- d) Cuts, had been chopping

Q73. The flight before we reach the airport.

- a) Will have taken off
- b) Has taken off
- c) Is taking off
- d) Was taking off

- Q74. I have just a typewriter and I typing recently.
- a) Have been hiring, have been learning
 - b) Hired, have learned
 - c) Had hired, am learning
 - d) Have been hired, had been learning
- Q75. If she late just one more time the manager suspend her.
- a) Is arriving, is going to
 - b) Will be arriving, would
 - c) Arrives, will
 - d) Is going to arrive, would have
- Q76. Which of the following option leads to the portability and security of Java?
- a) Bytecode is executed by JVM
 - b) The applet makes the Java code secure and portable
 - c) Use of exception handling
 - d) Dynamic binding between objects
- Q77. Which statement about a session is incorrect?
- a) All users connect to the same session
 - b) All users have the same session variable
 - c) The default timeout value for a session variable is 20 minutes
 - d) A new session cannot be created for a new user

- Q78. Which one of the following contains date information?
- a) java.sql.TimeStamp
 - b) java.sql.Time
 - c) java.io. Time
 - d) java.io.TimeStamp
- Q79. Which of the following is used to call stored procedure?
- a) Statement
 - b) PreparedStatement
 - c) CallableStatment
 - d) CalledStatement
- Q80. The default layout manager of Frame is.
- a) FlowLayout
 - b) BorderLayout
 - c) GridLayout
 - d) CardLayout
- Q81. What is the size of float and double in java?
- a) 32 and 64
 - b) 32 and 32
 - c) 64 and 64
 - d) 64 and 32
- Q82. Select the valid statement to declare and initialize an array in Java.
- a) int[] A={}
 - b) int[] A={1, 2, 3}
 - c) int[] A= (1, 2, 3)
 - d) int[][] A={1,2,3}
- Q83. When is the object created with new keyword?
- a) At run time
 - b) At compile time
 - c) Depends on the code
 - d) None

Q84. Identify the corrected definition of a package.

- a) A package is a collection of editing tools
- b) A package is a collection of classes
- c) A package is a collection of classes and interfaces
- d) A package is a collection of interfaces

Q85. Who invented Java Programming?

- a) Guido van Rossum
- b) James Gosling
- c) Dennis Ritchie
- d) Bjarne Stroustrup

Q86. is the correct syntax for declaring a string in C#.

- a) Strings = "Hello World!";
- b) String = "Hello World!";
- c) strings = "Hello World!";
- d) string = "Hello World!";

Q87. In C# operators must be used to inherit a class.

- a) &
- b) ::
- c):
- d) extends

Q88. Full form of ASP is

- a) Access Server Pages.
- b) Active Server Pages.
- c) Active Service Pages.
- d) Access Service Pages.

Q89. ASP.NET developed by

- a) Microsoft.
- b) Oracle.
- c) Google.
- d) Sun Microsystems.

Q90. ASP.NET page extension is.

- a) .asp
- b) .asx
- c) .apx
- d) .aspx

Q91. command is used to remove files in Linux.

- a) rm
- b) delete
- c) erase
- d) dm

Q92. In Linux password is stored in

- a) /etc/password
- b) /etc/passwd
- c) /root/password
- d) /root-passwd

Q93. command is used in VI editor to delete a single character.

- a) x
- b) c
- c) d
- d) r

Q94. In Linux command is used to record a user session in a file.

- a) style
- b) script
- c) log
- d) record

- Q95. The core of Linux operating system is
- a) kernel
 - b) terminal
 - c) command
 - d) script
- Q96. is a mutable data type in Python.
- a) List
 - b) String
 - c) Tuple
 - d) Integer
- Q97. Python supports type of Programming.
- a) functional Programming
 - b) object-oriented Programming
 - c) structured Programming
 - d) All of These
- Q98. In Python pip stand for
- a) Perfect Installer Program
 - b) Preferred Installer Program
 - c) Perfect Installer Packages
 - d) Preferred Installer Package

Q99. From the following is not a collection related data type in Python programming.

- a) int
- b) Dictionary
- c) Lists
- d) Tuples

Q100. Python sep parameter, in print() function is used to

- a) separate the line.
- b) specifies separator between values.
- c) separate the pages.
- d) separate the syntax errors.

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