

Seat No.

Total No. of Pages : 19

RE-Entrance Examination 2026
Department of Computer Science
M.Sc. Computer Science
Subject Code : 58712

Day and Date : Wednesday, 24-06-2026**Total Marks : 100****Time : 04.30 PM TO 06.00 PM**

Instructions:

- 1) All questions are compulsory.
 - 2) Each question carries 1 mark.
 - 3) Answers should be marked in the given OMR answer sheet by darkening the appropriate option.
 - 4) Follow the instructions given on OMR sheet.
 - 5) Rough work shall be done on the sheet provided at the end of question paper.
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- 1) Which organization developed the "Llama" family of open-weights large language models?
 - a) Google
 - b) Meta
 - c) OpenAI
 - d) Microsoft
- 2) India's Digital Personal Data Protection (DPDP) Act primarily focuses on:
 - a) Cryptocurrency regulation
 - b) Privacy and personal data processing
 - c) Hardware manufacturing
 - d) Satellite internet licensing
- 3) What is the name of the high-speed networking interconnect developed by NVIDIA for AI supercomputers?
 - a) Ethernet
 - b) InfiniBand
 - c) NVLink
 - d) Fiber Channel

- 4) Which Indian space mission successfully landed a rover on the lunar south pole?
- a) Chandrayaan-2
 - b) Chandrayaan-3
 - c) Mangalyaan-2
 - d) Gaganyaan
- 5) Which European nation passed the world's first comprehensive horizontal legal framework for AI?
- a) France
 - b) Germany
 - c) European Union (as a bloc)
 - d) United Kingdom
- 6) What is the name of the first-ever image of a Black Hole's magnetic fields released by the Event Horizon Telescope?
- a) Sagittarius A*
 - b) M87*
 - c) Cygnus X-1
 - d) Messier 31
- 7) The "Nvidia Blackwell" architecture is primarily designed for:
- a) Mobile gaming
 - b) Generative AI at scale
 - c) Laptop battery efficiency
 - d) Office automation
- 8) Which country hosted the first Global Partnership on Artificial Intelligence (GPAI) Summit?
- a) USA
 - b) Japan
 - c) India
 - d) South Korea

- 9) In modern operating systems, which feature takes periodic snapshots of user activity to allow "searching" through past actions?
- a) Time Machine
 - b) Recall
 - c) System Restore
 - d) Shadow Copy
- 10) What does the term "AGI" stand for in the context of advanced research?
- a) Automated General Intelligence
 - b) Artificial General Intelligence
 - c) Advanced Global Interaction
 - d) Applied Generative Interface
- 11) Which major social media platform rebranded itself to 'X'?
- a) Facebook
 - b) Instagram
 - c) Twitter
 - d) TikTok
- 12) "Post-Quantum Cryptography" (PQC) is designed to be resistant to:
- a) Brute force attacks
 - b) Quantum computer attacks
 - c) Phishing
 - d) Malware
- 13) Which specialized hardware is currently considered the industry standard for training Large Language Models?
- a) H100 GPU
 - b) Intel Core i9
 - c) Apple M3 Max
 - d) AMD Ryzen 9

Q55. Which is not a prime number?

- a) 31
- b) 61
- c) 71
- d) 91

Q56. Let's go for a walk, ?

- a) will we
- b) do we
- c) shall we
- d) aren't we

Q57. She relies her brother for financial support.

- a) in
- b) at
- c) on
- d) with

Q58. He has been living in this city 2015.

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

Q59. I wish I a million dollars.

- a) have
- b) had
- c) will have
- d) am having

Q60. The man wallet was stolen reported it to the police.

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

Q61. We must conform the rules of the institution.

- a) to
- b) with
- c) on
- d) by

Q62. It was so cold that the water in the pipes.

- a) freeze
- b) froze
- c) frozen
- d) freezes

Q63. being tired, he stayed up to finish the project.

- a) Despite of
- b) In spite
- c) Despite
- d) Although

Q64. I prefer reading books watching movies.

- a) than
- b) from
- c) over
- d) to

Q65. The news broadcasted on all major channels yesterday.

- a) was
- b) were
- c) have been
- d) are

From Q.66 to Q70. Synonyms (Choose the word nearest in meaning)

Q66. Banal

- a) Original
- b) Commonplace
- c) Exciting
- d) Fresh

Q67. Enigma

- a) Clarity
- b) Mystery
- c) Answer
- d) Solution

Q68. Benevolent

- a) Cruel
- b) Kind
- c) Selfish
- d) Harsh

Q69. Zealous

- a) Apathetic
- b) Indifferent
- c) Enthusiastic
- d) Lazy

Q70. Resilient

- a) Brittle
- b) Tough
- c) Weak
- d) Delicate

From Q.71 to Q.75 Antonyms (Choose the word opposite in meaning)

Q71. Conceal

- a) Hide
- b) Mask
- c) Reveal
- d) Cover

Q72. Detrimental

- a) Harmful
- b) Beneficial
- c) Damaging
- d) Destructive

Q73. Fortunate

- a) Lucky
- b) Unlucky
- c) Blessed
- d) Happy

Q74. Chaos

- a) Disorder
- b) Confusion
- c) Order
- d) Turmoil

Q75. Trivial

- a) Unimportant
- b) Minor
- c) Significant
- d) Small

Q76.interface represents a SQL. database connection in JDBC.

- a) ResultSet
- b) Statement
- c) Connection
- d) Driver Manager

Q77. RMI stands for

- a) Remote Memory Interface
- b) Remote Method Invocation
- c) Random Method Invocation
- d) None of these

Q78. type of JDBC driver implements intermediate server to communicate with the database.

- a) Type-1
- b) Type-2
- c) Type-3
- d) Type-4

Q79. web server is specifically designed to run Java Servlets and JSP applications.

- A Apache Tomcat
- B LiteSpeed
- C Lighttpd
- D Nginx

Q80. is not part of the JSP lifecycle.

- A Initialization
- B Compilation
- C Destruction
- D Caching

Q81. Who invented Java programming?

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

Q82. Java source code is compiled into

- a) source code
- b) .obj
- c).exe
- d) byte code

Q83. Which of the following is a method having same name as that of it's class?

- a) finalize
- b) delete
- c) class
- d) constructor

Q84. Java does not support inheritance.

- a) single
- b) multiple
- c) multilevel
- d) hierarchical

Q85. Which one of the following statement is correct?

- a) Java applets can not be written in any programming language
- b) An applet is not a small program
- c) An applet can be run on its own
- d) Applets are embedded in other applications

Q86.is the default access modifier for class members in C#.

- a) protected
- b) public
- c) private
- d) internal

- Q87. In C#, what is the role of the 'using' statement?
- a) To define classes.
 - b) To import libraries
 - c) To handle exceptions
 - d) To include namespaces
- Q88. The namespace is used for ASP.NET Web Form by default.
- a) System.Web.Form
 - b) System.Web.UI.Page
 - c) System.Web.GUI.Page
 - d) System.Web.UI.Form
089. file contains the Application_Start event?
- a) Global.asax
 - b) Web.config
 - c) Local.asax
 - d) WebUI.asax
- Q90. is not an ASP.NET component.
- a) LinkCounter
 - b) Counter
 - c) AdRotator
 - d) File Access
- Q91. What is the core of the Linux operating system?
- a) Terminal
 - b) Kernel
 - c) Compiler
 - d) Command
- Q92. Which of the following commands is used to change the working directory in Linux?
- a) changed
 - b) chdr
 - c) cd
 - d) changedir

Q99. Python supports programming.

- a) OOP
- b) structured
- c) functional
- d) All of these

Q100. From the following is a Python tuple.

- a) (9, 8, 7)
- b) {9, 8, 7}
- c) [9, 8, 7]
- d) {}



ROUGH WORK