

BASICS OF COMPUTER SCIENCE

Subject Code: 4300005

Date: 2025-03-27

Subject Name: BASICS OF COMPUTER SCIENCE

Time Duration: 40.0 minutes

Total Marks: 40

Instructions:

1. Stable Internet Required: Ensure a good connection.
 2. Use Allowed Devices: Only a laptop/PC; no mobile phones or smartwatches.
 3. No Switching Tabs: Changing windows may lead to disqualification.
 4. Answer all questions within the given time limit. No extra time will be provided.
 5. Submit the exam before the deadline, as responses will not be accepted afterward.
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Which of the following languages is more suited to a structured program ?

Marks: 2

- ☐ PL/1
- ☐ FORTRAN
- ☐ BASIC
- ☐ PASCAL

Logarithm was invented by

Marks: 2

- ☐ Blaise Pascal
- ☐ Edmund Gunter
- ☐ John Napier
- ☐ Charles Babbage

A computer assisted method for the recording and analyzing of existing or hypothetical systems is _____

Marks: 2

- ☐ Data capture
- ☐ Data processing
- ☐ Data Flow
- ☐ Data Transmission



Slide rule was invented by

Marks: 2

- ☐ Charles Babbage
- ☐ Blaise Pascal
- ☐ John Napier
- ☐ Edmund Gunter

Mechanical Calculator was invented by

Marks: 2

- ☐ Blaise Pascal
- ☐ Edmund Gunter
- ☐ Charles Babbage
- ☐ John Napier

The brain of any computer system is

Marks: 2

- ☐ ALU
- ☐ CPU
- ☐ Memory
- ☐ Control Unit

First general purpose computer was invented by _____

Marks: 2

- ☐ John Napier
- ☐ Charles Babbage
- ☐ Blaise Pascal
- ☐ Edmund Gunter



Personal computer is otherwise called

Marks: 2

- ☐ desktop
- ☐ micro-computer
- ☐ both a and b
- ☐ neither a nor b

The first computer was invented by Charles Babbage was called

Marks: 2

- ☐ slide rule
- ☐ calculator
- ☐ ENIAC
- ☐ difference engine

Which of the following computer language is used for artificial intelligence ?

Marks: 2

- ☐ COBOL
- ☐ C
- ☐ FORTRAN
- ☐ PROLOG

Which part interprets program instructions and initiate control operations ?

Marks: 2

- ☐ Input
- ☐ Control Unit
- ☐ Storage Unit
- ☐ Logic Unit



The binary system uses powers of

Marks: 2

- ☐ 2
- ☐ 8
- ☐ 10
- ☐ 16

A computer program that converts assembly language to machine language is

Marks: 2

- ☐ Compiler
- ☐ Comparator
- ☐ Interpreter
- ☐ Assembler

Which device of computer operations dispenses with the use of the keyboard ?

Marks: 2

- ☐ Joysticks
- ☐ Light pen
- ☐ Touch
- ☐ Mouse

Chief components of first generation computer was

Marks: 2

- ☐ Transistors
- ☐ Vacuum Tubes and Valves
- ☐ Integrated Circuits
- ☐ Register



Magnetic disks are the most popular medium for

Marks: 2

- ☐ Direct Access
- ☐ Sequential Access
- ☐ Indirect Access as well as Direct Access
- ☐ Direct As well as Sequential Access

When was vacuum tube invented

Marks: 2

- ☐ 1900
- ☐ 1906
- ☐ 1919
- ☐ 1910

The time required for this fetching and execution of one simple machine instructions is ?

Marks: 2

- ☐ Delay time
- ☐ CPU cycle
- ☐ Seek Time
- ☐ Real Time

Which access method is used for obtaining a record from a cassette tape ?

Marks: 2

- ☐ Sequential
- ☐ Random
- ☐ Direct
- ☐ All of Above



Which of the following produces the best quality graphics reproduction ?

Marks: 2

- ☐ Laser Printer
- ☐ Ink Jet Printer
- ☐ Plotter
- ☐ Dot Matrix Printer

