An ISO 9001:2015 Certified Organization

GLOBAL COMPETITION SOCIETY

7
CLASS

Duration : 60 Min.
Total Ques. : 50
Paper Type : I 1

SAMPLE Q.P : GLOBAL INFORMATICS OLYMPIAD (GIO)

Student's Name...

Enrollment Number :

---------Signature of Exam Incharge---------   ----------Signature of Student's----------

1. The Actual Question Paper Contains 50 Questions.

2. Each question carry an equal marks of 2 against 50 question

3. The Duration of the Test Paper is 60 Minutes

1. **These Fundamentals of computer devices allow data entry directly from source documents. These devices are called_____.**
   (A) Speech recognition devices
   (B) Digitized
   (C) Point and draw devices
   (D) Data scanning devices
   (E) None of these

2. **This is a type of a scanner. It can recognize a pre-specified type of mark made by a pencil or pen. What is it ?**
   (A) Barcode Reader
   (B) Hand Scanner
   (C) Optical Mark Reader
   (D) QR Reader
   (E) None of these

3. **_____runs on computer hardware and serve as platform for other software to run on**
   (A) Operating system
   (B) Application software
   (C) System software
   (D) All of these
   (E) None of these

4. **_____ is the first program run on a computer when the computer boots up**
   (A) System software
   (B) Operating system
   (C) System operations
   (C) Both (B & C)
   (D) None of these

5. **_____ interface consists of things like program counter, registers, interrupts and terminals**
   (A) Hardware
   (B) Software
   (C) Data
   (D) Both B & C
   (E) None of these

6. **When a key is pressed on the keyboard, which standard is used for converting the keystroke into the corresponding bits?**
   (A) ANSI   (B) ASCII
   (C) EBCDIC   (D) ISO
   (E) None of these

7. **What type of control pin is required in a microprocessor to regulate traffic on the bus, in order to prevent two devices to use it at the same time ?**
   (A) Bus control
   (B) Interrupts
   (C) Bus arbitration
   (D) Status
   (E) None of these

8. **Operating system creates a number of different identical execution environments on a single computer, each of which exactly emulates the host computer. What does it create ?**
   (A) Virtual space   (B) Virtual computers
   (C) Virtual device   (D) Virtual Hard Disk
   (E) None of these

9. **Which one of the following is the main disadvantage of Run command ?**
   (A) Single line command interface
   (B) You need to enter the complete file name along with the path of the file to open a particular file.
   (C) Allows opening a file or application directly
   (D) All of these
   (E) None of these

10. **The first part of a machine language instruction that specifies the operation to be performed is called a(n) _____.**
    (A) mnemonic   (B) opcode
    (C) interrupt   (D) instruction cycle
    (E) None of these

11. **What is the difference between mnemonic codes and machine codes?**
    (A) There is no difference.
    (B) Machine codes are in binary, mnemonic codes are in shorthand English.
    (C) Machine codes are in shorthand English, mnemonic codes are in binary.
    (D) Machine codes are in shorthand English, mnemonic codes are a high-level language.
    (E) None of these

12. **The software used to drive microprocessor-based systems is called:**
    (A) Assembly language programs
    (B) Firmware
    (C) BASIC interpreter instructions
    (D) Flowchart instructions
    (E) None of these

13. **A register in the microprocessor that keeps track of the answer or results of any arithmetic or logic operation is the _____.**
    (A) Stack pointer
    (B) Program counter
    (C) Instruction pointer
    (D) Accumulator
    (E) None of these

14. **Which of the following computer language is used for artificial intelligence?**
    (A) FORTRAN   (B) PROLOG
    (C) C   (D) COBOL
    (E) None of these

15. **Which one of the following level languages is directly understood by microprocessor ?**
    (A) High level
    (B) Low level
    (C) Middle level
    (D) All of these
    (E) None of these

16. **OOP language is based on class and object terminology. Which one of the following level languages provides OOP features ?**
    (A) High level   (B) Low level
    (C) Middle level   (D) All of these
    (E) None of these

17. **Which one of the following statements is true ? Statement A: While creating flow chart, flow direction of a process will always indicate either from left to right or from top to bottom. StatementB: In decision box two flow lines enter and only one flow line can come out.**
    (A) Statement A is correct
    (B) Statement B is correct
    (C) Both statement A and B are correct
    (D) Neither statement A nor statement B is correct
    (E) None of these

18. **2GL is not directly processed by microprocessor. Which one of the following is an example of 2GL language ?**
    (A) Machine language
    (B) Assembly language
    (C) FORTRAN
    (D) C
    (E) None of these

19. **The ability of a system to support more than one processor to allocate tasks between them is called_____.**
    (A) Multitasking   (B) Multiprocessing
    (C) Batching   (D) Multiuser
    (E) None of these

20. **Which of the following connects the CPU to various internal components and to expansion cards for graphics, networking and sound?**
    (A) Ports   (B) Chipset
    (C) Buses   (D) Registers
    (E) None of these

21. **Which of the following statements is INCORRECT about an inkjet printer?**
    (A) It forms characters and images by spraying small drops of ink on paper.
    (B) It is commonly used in home for everyday printing.
    (C) It uses CIJ and Drop-on-Demand printer methods.
    (D) It produces water proof prints.
    (E) None of these

22. **A memory card _____ .**
    (A) Has a fixed storage capacity
    (B) Is small circular plastic card
    (C) Is a volatile storage medium
    (D) All of these
    (E) None of these