

## cit237 List of Questions

*Latex formatted questions may not properly render*

**Q1 ...is a finite sequence of unambiguous instructions**

- ☐ detector or a sensor
- ☐ an assessor
- ☐ an effector
- ☐ an algorithm

**Q2 ...is a series of steps, each of which performs a calculation**

- ☐ procedural
- ☐ Upwards
- ☐ procedural program
- ☐ none of the above

**Q3 ...is the result of the compilation process**

- ☐ Execution Stages
- ☐ Source Code
- ☐ Compilation
- ☐ object code

**Q4 This is where the clear statement of the problem is stated**

- ☐ Design
- ☐ Coding
- ☐ Problem Analysis
- ☐ none of the above

**Q5 There are ♦♦♦♦.. levels of the programming language**

- ☐ two
- ☐ three
- ☐ four
- ☐ five

**Q6 These are various programming methodologies**

- ☐ procedural
- ☐ logic
- ☐ object-oriented
- ☐ all of the above

**Q7 ...generation of computers was coded in machine language**

- ☐ fourth
- ☐ first
- ☐ third
- ☐ second

**Q8 ...allows a program to be retrieved from the disk**

- ☐ translator
- ☐ An editor
- ☐ Concurrent
- ☐ Compilers

**Q9 ...program is a continuous loop that responds to events that are generated in an unpredictable order**

- ☐ event driven
- ☐ logic
- ☐ Concurrent
- ☐ None of the above

**Q10 Some advantages of high-level language are as follows except**

- ☐ used on few computer
- ☐ It is very portable
- ☐ It saves much time
- ☐ It is more user friendly

**Q11 This is a program that converts programs written in assembly**

- ☐ translator

- ☐ intelligence
- ☐ Assembler
- ☐ Compilers

**Q12 Programming**  $\diamond \diamond \diamond \diamond \diamond \diamond \diamond \diamond$ . are languages through which we can instruct the computer to carry out some processes or tasks

- ☐ Stories
- ☐ Books
- ☐ Languages
- ☐ English

**Q13 A**  $\diamond \diamond \diamond \diamond \diamond \diamond \diamond \diamond$ . is a program that translates another program written in any programming language other than the machine language

- ☐ Translator
- ☐ Assembler
- ☐ Interpreter
- ☐ Compiler

**Q14 programme** is a collection of logical declarations about what outcome a function should accomplish

- ☐ Budget
- ☐ event driven
- ☐ logic
- ☐ None of the above

**Q15 ...is a means of organising related data items**

- ☐ Data
- ☐ Integers
- ☐ Data structure
- ☐ Real Numbers

**Q16 ...consist of positive and negative whole values**

- ☐ Data
- ☐ Integers
- ☐ Real Numbers
- ☐ Bytes

**Q17**  $\diamond \diamond$ . efficiency seeks to provide information on random input

- ☐ Implementation
- ☐ average-case
- ☐ pointers
- ☐ Sequencing

**Q18 Low level programming** is also called

- ☐ Coding
- ☐ Debugging
- ☐ invention of computers
- ☐ assembly language

**Q19 ...is a sequence of zero or more elements called nodes**

- ☐ Linked list
- ☐ sequence
- ☐ pointers
- ☐ none of the above

**Q20 Programming languages** are languages through which we can instruct

- ☐ the computer
- ☐ tasks
- ☐ some processes
- ☐ None of the above

**Q21 Machine language** is to each type of computer

- ☐ peculiar
- ☐ algorithms
- ☐ talk
- ☐ None of the above

**Q22 Machine language is peculiar to each type of computer**

- ☐ strongly agree
- ☐ disagree
- ☐ strongly disagree
- ☐ agree

**Q23 ♦?♦ is designed to communicate signal between CPU and the monitor**

- ☐ USB
- ☐ VGA
- ☐ RAM
- ☐ AVG

**Q24 programming languages are as follows except**

- ☐ E
- ☐ COBOL
- ☐ FORTRAN
- ☐ C++

**Q25 Low level programming language is also called assembly language**

- ☐ TRUE
- ☐ FALSE
- ☐ undecided
- ☐ None of the above

**Q26 ...is a series of steps, each of which performs a calculation**

- ☐ procedural
- ☐ Upwards
- ☐ procedural program
- ☐ none of the above

**Q27 This is a level of programming language which is different from the machine language**

- ☐ Low Level Language
- ☐ High Level Language
- ☐ Procedural Programming
- ☐ all of the above

**Q28 ...is an optimisation technique which belongs to the family of local search**

- ☐ travelling
- ☐ Hill climbing
- ☐ local maxima
- ☐ none of the above

**Q29 The efficiency attributes of an algorithm are**

- ☐ time and space efficiency
- ☐ time frequency
- ☐ space effort
- ☐ control

**Q30 This is a level of programming language which is different from the machine language**

- ☐ Low Level Language
- ☐ High Level Language
- ☐ Procedural Programming
- ☐ none of the above

**Q31 A graph consists of things**

- ☐ three
- ☐ four
- ☐ two
- ☐ tree

**Q32 ...is a data structure in which insertion and deletion can only be done at one end**

- ☐ Queue
- ☐ Data structure
- ☐ algorithms
- ☐ Stack

**Q33 ...is a finite sequence of unambiguous instructions**

- ☐ detector or a sensor
- ☐ an assessor
- ☐ an effector
- ☒ an algorithm

**Q34 The normal program execution consists of 4 stages.**

- ☒ four
- ☐ three
- ☐ two
- ☐ five

**Q35 ...is the result of the compilation process**

- ☐ Execution Stages
- ☐ Source Code
- ☐ Compilation
- ☒ object code

**Q36 This is the final stage of program development**

- ☐ Design
- ☐ Coding
- ☐ Problem Analysis
- ☒ Documentation

**Q37 The process for writing the program is called**

- ☐ Design
- ☒ Coding
- ☐ Problem Analysis
- ☐ all of the above

**Q38 This is where the clear statement of the problem is stated**

- ☐ Design
- ☐ Coding
- ☒ Problem Analysis
- ☐ none of the above

**Q39 There are 4 levels of the programming language**

- ☐ two
- ☐ three
- ☒ four
- ☐ five

**Q40 These are various programming methodologies**

- ☐ procedural
- ☐ logic
- ☐ object-oriented
- ☒ all of the above

**Q41 ...allows a program to be retrieved from the disk**

- ☐ translator
- ☒ An editor
- ☐ Concurrent
- ☐ Compilers

**Q42 This is a program that converts programs written in assembly**

- ☐ translator
- ☐ intelligence
- ☒ Assembler
- ☐ Compilers

**Q43 A translator is a program that translates another program written in any programming language**

- ☐ Repetitiveness
- ☒ A translator
- ☐ Assembler
- ☐ Compilers

**Q44 Programs for use by institutions to manage their information systems**

- ☐ Management Information System
- ☐ Artificial Intelligence
- ☐ Systems
- ☐ Scientific Computing

**Q45 ♦?♦.is concerned with making complex calculations very fast and very accurately**

- ☐ Management Information System
- ☐ Artificial Intelligence
- ☐ Systems
- ☐ Scientific Computing

**Q46 ...program is a collection of cooperating processes**

- ☐ Concurrent
- ☐ logic
- ☐ event driven
- ☐ None of the above

**Q47 program is a continuous loop that responds to events that are generated in an unpredictable order**

- ☐ event driven
- ☐ logic
- ☐ Concurrent
- ☐ None of the above

**Q48 programme is a collection of logical declarations about what outcome a function should accomplish**

- ☐ Budget
- ☐ logic
- ☐ event driven
- ☐ None of the above

**Q49 Major functional programming languages are**

- ☐ Lisp
- ☐ Scheme
- ☐ Haskell
- ☐ all of the above

**Q50 ...programming languages are as follows except**

- ☐ E
- ☐ COBOL
- ☐ FORTRAN
- ☐ C

**Q51 Some advantages of high-level language are as follows except**

- ☐ used on few computer
- ☐ It is very portable
- ☐ It saves much time
- ☐ It is more user friendly

**Q52 ♦?♦.language is independent of the computer**

- ☐ low level
- ☐ high level
- ☐ middle level
- ☐ all of the above

**Q53 ...programming language is also called assembly language**

- ☐ low level
- ☐ high level
- ☐ middle level
- ☐ None of the above

**Q54 Low level programming language is also called assembly language**

- ☐ 'TRUE
- ☐ 'False
- ☐ undecided
- ☐ None of the above

**Q55 Debugging any set of codes is a very difficult task**

- ☐ strongly disagree
- ☐ disagree
- ☐ agree
- ☒ strongly disagree

**Q56 Machine language was not user**

- ☒ friendly
- ☐ approach
- ☐ language
- ☐ enemy

**Q57 ...generation of computers was coded in machine language**

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**Q58 Machine language is to each type of computer**

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- ☐ None of the above

**Q59 Machine language is peculiar to all types of computer**

- ☒ strongly agree
- ☐ disagree
- ☐ strongly disagree
- ☐ agree

**Q60 Data is processed information**

- ☐ 'TRUE
- ☒ 'False
- ☐ All of the above
- ☐ None of the above

**Q61 ...allows a program to be retrieved from the disk**

- ☐ translator
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**Q62 This is a program that converts programs written in assembly**

- ☐ translator
- ☐ intelligence
- ☒ Assembler
- ☐ Compilers

**Q63 The artificial intelligence programming community has been active since the early 1960s.**

- ☐ 1972s
- ☐ 1961s
- ☐ 1963s
- ☒ 1960s

**Q64 Programming languages are languages through which we can instruct the computer to carry out some processes or tasks**

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- ☒ Translator
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**Q70 Programs for use by institutions to manage their information systems**

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**Q71 A  $\diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond$  is a data structure in which insertion and deletion can only be done at one end**

- ☐ Linked lists
- ☐ Stack
- ☐ Queue
- ☐ Array

**Q72  $\diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond$  is a sequence of zero or more elements called nodes.**

- ☐ Linked lists
- ☐ Stack
- ☐ Queue
- ☐ Array

**Q73 An  $\diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond$ .. can be defined as sequences of objects all of which are of the same type that are collectively referred to by the same name.**

- ☐ Linked lists
- ☐ Stack
- ☐ Queue
- ☐ Array

**Q74 Integers consist of positive and  $\diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond\Diamond$  whole values**

- ☐ Negative
- ☐ Byte
- ☐ Integer
- ☐ Word

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