

PROGRAMMING (Problem Solving)

Q.108. What is program?

Ans. Program is the entire series of instructions needed to complete a given procedure.

OR

Program is a set of instruction used to solve a problem.

Q.109. What is programming?

Ans. The development of steps in sequence to make a program is called programming.

Q.110. What does programmer mean?

Ans. A person who writes computer programs is known as programmer.

Q.111. What are the main steps in preparing computer program?

- Ans.
1. Analyzing the problem
 2. Designing Algorithm
 3. Preparation of Flow-chart
 4. Coding the program
 5. Debugging
 6. Testing by computer
 7. Obtaining final output
 8. Documentation

Q.112. What is algorithm?

Ans. It is a step by step instruction written in human language for solving a given problem.

Q.113. What is flowchart?

Ans. Flowchart is a pictorial graphical representation of the program flow.

Q.114. What are the types of flowchart?

- Ans.
1. System Flowchart
 2. Program Flowchart
 - (i) Micro Flowchart
 - (ii) Macro Flowchart

Q.115. What is coding?

Ans. Coding is the procedure of writing a program.

Q.116. What is debugging?

Ans. It is a procedure to find out and remove any syntax or logical error in the program.

Q.117. What is the source program?

Ans. A program written by a programmer is called source program.

Q.118. What is the object program?

Ans. A machine language version of a program produced by a compiler or assembler is called object program.

Q.119. What is documentation?

Ans. Documentation is the preparation of complete manual of the program software for the explanation of program.

Q.120. What is the geometrical name of decision box?

Ans. Diamond.

Q.121. What is the geometrical name of input/output box?

Ans. Parallelogram.

Q.122. What is the geometrical name of initialization box?

Ans. Hexagon

Q.123. What is the geometrical name of OFF page connector?

Ans. Pentagon

Q.124. What do you mean by computer language or programming language?

Ans. A system to communicate or to convey human message to the computer in the form of symbols and characters is known as computer language. It has its own grammar syntax.

Q.125. What are the types of programming languages?

- Ans.
1. Machine language
 2. Assembly language
 3. High level language
 4. Very high level language (4GL)
 5. Natural language

Q.126. Name some high level languages?

- Ans.
- | | |
|------------|---------------|
| 1. FORTRAN | 2. COBOL |
| 3. BASIC | 4. PASCAL |
| 5. ADA | 6. C-Language |

BASIC

Q.127. What does BASIC stands for?

Ans. BASIC stands for Beginners All purpose Symbolic Instruction Codes.

Q.128. Who developed BASIC language?

Ans. Dr. John Kemeny and Dr. Thomas Kurtz

Q.129. Is BASIC low level language or high level language?

Ans. High level language

Q.130. Which translator is used by BASIC?

Ans. Interpreter

Q.131. What does GWBASIC stands for?

Ans. Gee Whiz BASIC.

Q.132. What is version mean?

Ans. The improved and modified form of commands, statement and functions is called version.

Q.133. What is GWBASIC?

Ans. GWBASIC is an interpreter of BASIC language.

Q.134. What is the prompt of BASIC?

Ans. OK

Q.135. What is the range of line number in BASIC?

Ans. 0 to 65529 or 0 to 65535 (integer number)

