Paper: COMPUTER SCIENCE (Part - II)

Objective Type

Time Allowed: 15 Minutes

Maximum Marks: 10

Session: (2015-17, 2016-18)

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill the circle in front of that question with marker or pen in the answer book cutting or filling two or more circles will result in zero mark in that question.

1. How many possible solution are there for a problem?
   (a) Many کی (b) Two دو (c) Three تین (d) Four چار

2. Algorithm is a:
   (a) Requirement document (ب) Design document
   (c) Test document (d) User guide

3. The diamond symbol represents the:
   (a) Input / Out put (ب) Decision making
   (c) Processing (d) Remarks

4. A variable name must be start with a:
   (a) Alphabet (ب) Underscore
   (c) Digit (d) Alphabet or underscore

5. Which of the following command continues the program whose execution was terminated temporarily.
   (a) CONTINUE (b) CONT
   (c) RESTART (d) START

6. Which of the following is NOT logical operation.
   (a) AND (ب) NEITHER
   (c) OR (d) NOT

7. Which option is used with IF statement?
   (a) WHILE (ب) THEN
   (c) END (d) STOP

8. Which of the following is NOT valid subscript?
   (a) Num (10) (ب) A (2)
   (c) B (4) (d) A (-2)

9. The result of function ABS (-15) is:
   (a) -15 (b) 15
   (c) 16 (d) -16

10. Shortcut to save file in MS-Word is:
    (a) Ctrl + O (b) Ctrl + S
    (c) F2 (d) Ctrl + A
PART-I

2. Write short answers to any four (4) questions. \((4 \times 2 = 8)\)
   (a) Define advantages of flow chart.
   (b) Differentiate between Run time error and logical error.
   (c) What is meant by "Documentation"?
   (d) What is the strategy for developing algorithm?
   (e) Explain CLEAR with syntax.
   (f) What is operator procedure?

3. Write short answers to any four (4) questions. \((4 \times 2 = 8)\)
   (a) Define GOTO statement.
   (b) Explain IF_THEN ELSE statement with syntax.
   (c) Explain title bar.
   (d) How to create a new document in MS-Word?
   (e) Explain the line spacing in MS-Word.
   (f) Explain Drop Cap.

4. Write short answers to any four (4) questions. \((4 \times 2 = 8)\)
   (a) What is meant by DIM statement?
   (b) Explain Array manipulation.
   (c) Differentiate between Program file and Data file.
   (d) Explain any two numeric functions.
   (e) Explain LINE statement with syntax.
   (f) Define Graphic. Give the names of graphic modes.

PART-II

Give any Two (2) answers of the questions.

Q.5: What are variables? Also explain rules for naming variables in BASIC?

Q.6: What is Loop? Explain FOR...NEXT Loop with program.

Q.7: What is function? Differentiate between built-in function and user define function.
Session: (2015-17, 2016-18)  

Computer Science (Practical)  

Group (SSC)  

Maximum Marks: 50  

MS-Windows (ایم ای ۔ وینڈوز)  

1. Perform the practicals of following questions on Computer Screen. \(5 + 5 = 10\) Marks \(1\)  
   (a) Change the Desktop Background of Computer.  
   (b) Make a New Folder on Desktop named 'BISE Lahore'.  
   (c) Write down the stepwise procedure on answer sheet. \(10\) Marks \(1\)  
   (a) Prepare the given paragraph in MS-WORD according to following given format and save it on desktop against your Roll Number. \(12\) Marks \(1\)  
      Font size 1st paragraph: 15  
      Line spacing: 2.0  
      Spell checking  
      Bold & Italic 2nd paragraph \(1\)  

MACHINE LANGUAGE:  
Machine language is language that a computer can understand a low-level language that is directly understandable by computer system. Each model of computer has a unique machine language that is the fundamental language of computer and is written in the form of binary strings of 1's and 0's.  
The programs written in machine language are very fast in execution. There are no limitations of machine language. \(2\)  
(b) Write down the stepwise procedure on answer sheet. \(8\) Marks  

2. Write a program which prints the green circle. \(2\)  
   (a) Draw the flow chart on answer sheet. \(5\) Marks  
   (b) Write an algorithm on answer sheet. \(5\) Marks  
   (c) Write a program code on answer sheet. \(5\) Marks  
   (d) Execute the program code on computer screen. \(5\) Marks \(2\)  
   OR \(1\)  
   Write a program which prints the first 10 numbers by using WHILE WEND loop. \(1\)  
   WHILE WEND  
   (a) Draw the flow chart on answer sheet. \(5\) Marks  
   (b) Write an algorithm on answer sheet. \(5\) Marks  
   (c) Write a program code on answer sheet. \(5\) Marks  
   (d) Execute the program code on computer screen. \(5\) Marks \(1\)  

3. Practical notebook. \(5\) Marks \(1\)  

4. Viva Voice \(5\) Marks \(1\)  

Note for Practical Paper Setter:  
1. First question is given from MS-Windows only and choice of 1st question is given from MS-Word only.  
2. Second question is given from GW-BASIC according to given pattern and choice is also given from GW-BASIC.