

(Academic Sessions 2015 — 2017)
COMPUTER STUDIES / COMPUTER SCIENCE (COMMERCE GROUP)

(INTER PART — II)

Time Allowed : 15 Minutes

(Objective Type)

Maximum Marks : 10

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

1-1	Which one is not a characteristic of Computer : (A) Speed (B) Accuracy (C) Consistency (D) Walk
2	How many types of Computer are : (A) 2 (B) 3 (C) 4 (D) 5
3	The data and instructions are fed through : (A) Input devices (B) Output devices (C) Both A & B (D) I/O Devices
4	Which key is used to execute the program from its beginning : (A) F2 (B) F3 (C) F4 (D) F5
5	The action of writing instructions for computer to perform specific job is called : (A) Program (B) Programmer (C) Programming (D) Algorithm
6	Which of the following error may occur if number divided by 0 : (A) Logical (B) Syntax (C) Runtime (D) Programming
7	The low level languages are further categorized into : (A) 2 types (B) 3 types (C) 4 types (D) 5 types
8	Which is used in High Level Language and is just like English words : (A) Source Code (B) Object Code (C) Both A & B (D) Machine Code
9	Example of logical operator : (A) AND (B) END (C) CLS (D) Binary
10	Which command is used to see the constant, characters, variables on the screen : (A) PRINT (B) LIST (C) RUN (D) LPRINT

2. Write short answers to any SIX (6) questions :

12

- (i) Define reliability of a Computer.
- (ii) What do you know about Hybrid Computers?
- (iii) Explain the concept of utility programs.
- (iv) What do you know about Network Devices?
- (v) Define PROM.
- (vi) Describe the concept of Pointing Stick.
- (vii) What do you know about Information?
- (viii) What is Binary Number System?
- (ix) Convert $(774)_8$ to its equivalent decimal number.

3. Write short answers to any SIX (6) questions :

12

- (i) What is Algorithm?
- (ii) Describe Runtime Errors.
- (iii) What do you know about JAVA?
- (iv) Briefly discuss the concept of string constant.
- (v) Define Arithmetic Operators.
- (vi) Write syntax of PRINT Command.
- (vii) Define conditional transfer of control.
- (viii) What do you know about presentation?
- (ix) How Computer is being used in Supermarkets.

SECTION — II

Note : Attempt any TWO questions.

- 4. Explain differences between Analog and Digital Computers.
- 5. Explain Plotters with its types.
- 6. Explain Non-Procedural Language with examples.

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1. Write a program for the following output:

```
*  
* *  
* * *  
* * * *
```

- | | |
|--|---|
| (a) Draw the flow chart on answer sheet. | 5 |
| (b) Write an algorithm on answer sheet. | 5 |
| (c) Write a program code on answer sheet. | 5 |
| (d) Execution of program on computer screen. | 5 |

OR

Write a program to find circumference of circle [$C = 2 * PI * R$]

- | | |
|--|---|
| (a) Draw the flow chart on answer sheet. | 5 |
| (b) Write an algorithm on answer sheet. | 5 |
| (c) Write a program code on answer sheet. | 5 |
| (d) Execution of program on computer screen. | 5 |
2. Viva. 5