

Bachelor of Commerce (Computer Application) (B.C.C.A.) Semester—I Examination**FUNDAMENTALS OF COMPUTER****Compulsory Paper—3**

Time : Three Hours]

[Maximum Marks : 80

N.B. :— (1) All questions are compulsory.

(2) Draw well labelled diagram wherever necessary.

PART—A**N.B. :—** (1) Each question carries 2 marks.

(2) Answer should not be more than 5 lines.

1. (a) Write a note on random access memory.
- (b) What do you mean by logical unit ?
- (c) Differentiate between Impact printers and Non-impact printers.
- (d) What is BCD System ?
- (e) What is Debugger ?
- (f) Write a note on Assembly Languages.
- (g) Write a note on MS-DOS Operating System.
- (h) What do you mean by MS Publisher ?

8×2=16

PART—B**N.B. :—** (1) Each question carries 3 marks.

(2) Answer should not be more than 10 lines.

2. (a) Write a note on Super Computer.
- (b) Write a short note on Central Processing Unit.
- (c) Write a short note on Webcam.
- (d) Write down the procedure with example to convert the Binary Number into its equivalent Decimal Number.
- (e) What is Editor ? Write down the different categories of Editor.
- (f) Write a short note on VAN.
- (g) Write a short note on Graphical User Interface.
- (h) What are the different ways of starting MS-Excel from computer system ?

8×3=24

PART—C**N.B. :—** (1) Each question carries 5 or 10 marks.

(2) Answer should not be more than 400 words for 5 marks questions and 600 words for 10 marks questions.

EITHER

3. (a) Write a short note on execution cycle. 5
- (b) Explain the concept of Cache memory with diagram. 5

OR

- (c) Explain the importance of MAR and MBR in accomplishing processor to memory communication. 10

EITHER

4. (a) What is projector ? Why is it needed ? What are the different types of projectors ? 5
- (b) Explain the term Voice Response System and list the different types of Voice Response System. 5

OR

- (c) What are the different types of Positional Number System ? Explain any two in detail with example. 10

EITHER

5. (a) What is Repetition Structure ? Give the different types of statements used in Repetition Structure with diagram. 5
- (b) Write a note on Star topology. 5

OR

- (c) Write short notes on : 10
- (i) Inventory Management System
- (ii) Pay-roll System.

EITHER

6. (a) Write a short note on paging. 5
- (b) What do you mean by queries ? How can we create queries in MS-Access ? 5

OR

- (c) Explain the different operations possible on a Worksheet in MS-Excel. 10