January 2023
BBA (GEN) Re-Appear 1st Semester
Computer Fundamentals (BBA-GEN-104)

Time : 3 Hours] [Max. Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*

2. *Answer any four questions from Part-B in detail.*

3. *Different sub-parts of a question are to be attempted adjacent to each other.*

PART-A

1. (a) Define Computer. (1.5)

   (b) Define hardware. (1.5)

   (c) How many digits are present in decimal number system? (1.5)

   (d) Define Directories. (1.5)

   (e) What are different CPU scheduling algorithms? (1.5)

   (f) What are different file access methods? (1.5)

   (g) Name the first Operating System. (1.5)

   (h) What are different keys in keyboards? (1.5)

(i) Name any *two* secondary memories. (1.5)

(j) Name one use of computer in books publication.

(1.5)

PART–B

2. (a) What are different components of a digital computer? Explain them. (10)

(b) What are different primary memories? Explain them.

(5)

3. What is an Operating system? What are its different types? Explain them. (15)

4. Solve the following :

(a) $(11001)_2 \rightarrow O_{10}$.

(b) $(AF5)_{16} \rightarrow O_2$.

(c) $(57)_{10} \rightarrow O_2$.

(d) $1100 + 1001 \rightarrow$?

(e) $1111 + 1010 \rightarrow$? (3×5=15)

5. (a) What are different functions of operating system? Explain them (10)

(b) How computer can be used for data analysis? (5)

6. (a) Discuss the application of computers in education and medical field. (10)

(b) Discuss the term firmware, middleware and freeware.

(5)

7. Write short notes on the following :

(a) Desktop Publishing System.

(b) Printers.

(c) Cache Memory. (5×3=15)

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