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Y—456—2019

FACULTY OF SCIENCE

B.Sc. (First Year) (First Semester) (Backlog) EXAMINATION

NOVEMBER/DECEMBER, 2019

(CGPA Pattern)

COMPUTER SCIENCE

(Fundamentals of Computer Organization—I)

(MCQ + Theory)

(Thursday, 12-12-2019)

Time : 10.00 a.m. to 12.00 noon

Time— Two Hours

Maximum Marks—40

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

(ii) Figures to the right indicate full marks.

(iii) Assume suitable data, if necessary.

(iv) Draw neat labelled diagrams.

(MCQ)

1. Choose *correct* answer of the following MCQs : 10

(i)device through data and instructions are entered into computer.

(a) Output

(b) Input

(c) Memory

(d) Software

(ii) In computer.....is the smallest and basic unit of information storage.

(a) Bit

(b) Byte

(c) Kilobyte

(d) Megabyte

P.T.O.

- (iii) is different from other ?
- (a) Keyboard (b) Mouse
(c) Windows (d) Light pen
- (iv) Second generation of computer was based ontechnology.
- (a) Transistor (b) Vacuum tube
(c) Microprocessor (d) IC
- (v)command in DOS is used to create directory.
- (a) Copy con (b) Directory
(c) MD (d) CD
- (vi) Windows operating system is the most common type of
software.
- (a) Application (b) System
(c) Hardware (d) Word Processing
- (vii)is the function of recycle bin.
- (a) Remove files (b) Store deleted files
(c) Store corrupted files (d) Remove data files
- (viii) is not a storage device ?
- (a) DVD (b) Hard disk
(c) Floppy disk (d) Mouse
- (ix) 8-bits make up a.....
- (a) Megabyte (b) Kilobyte
(c) Byte (d) Terabyte
- (x)command is used to set a name to a disk in DOS ?
- (a) Volume (b) Vol
(c) LABEL (d) Disk Label

(Theory)

2. (a) Define Computer System. Explain history of computer. 5
 (b) Explain RAM and ROM memory concept. 5
Or
 (c) What is OCR ? Explain with suitable example. 5
 (d) Explain Octal and Hexadecimal number system. 5
3. (a) Explain the following DOS commands with examples : 10
 (i) DIR
 (ii) Type
 (iii) Ren
 (iv) Copy.
Or
 (b) Explain the following pointing devices : 10
 (i) Light Pen
 (ii) Mouse
 (iii) Touch Screen.
4. (a) What is Wild character in DOS ? 5
 (b) Explain architecture of windows. 5
Or
 (c) Explain my computer and Desktop in windows operating system. 5
 (d) Explain inkjet and laser printers. 5