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BJ—11—2016

FACULTY OF COMPUTER STUDIES

B.Sc. (C.S.) (First Year) (First Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(Revised Course)

COMPUTER SCIENCE

(Fundamental of I.T.)

(Monday, 21-11-2016)

Time : 10.00 a.m. to 1.00 p.m.

Time—3 Hours

Maximum Marks—80

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

(ii) Figures to the right indicate full marks.

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| 1. | Attempt the following : | 20 |
| | (a) What is digitizen ? | |
| | (b) Explain ASCII code. | |
| | (c) Explain autoexec.bat file. | |
| | (d) Explain windows directories. | |
| 2. | (a) Explain the types of ROM. | 8 |
| | (b) What is computer ? Explain its types. | 7 |
| | <i>Or</i> | |
| | (c) Explain any <i>two</i> input devices. | 8 |
| | (d) Draw and explain scanner. | 7 |
| 3. | (a) Explain booting procedure of DOS. | 8 |
| | (b) What is Flowchart ? Explain different flowchart symbols. | 7 |
| | <i>Or</i> | |
| | (c) Explain classification of computers. | 8 |
| | (d) Draw and explain block diagram of computer. | 7 |

P.T.O.

4. (a) Attempt the following : 8
- (i) $(11100101)_2 - (?)_8$
- (ii) $(157)_8 - (?)_{10}$
- (iii) $(ABCD)_{16} - (?)_8$
- (iv) $(199)_{10} - (?)_{16}$
- (b) Explain different number systems. 7
- Or*
- (c) Explain cellular communication system. 8
- (d) What is memory ? Explain its types. 7
5. Write short notes on (any *three*) : 15
- (a) Recycle Bin
- (b) Modem
- (c) MICR
- (d) Web Camera
- (e) FDD.