

UG/1st Sem/G/20(CBCS)

2020

## COMPUTER SCIENCE (General)

Paper : DC-1/GE-1  
(Computer Fundamentals)  
(CBCS)

Full Marks : 32

Time : Two Hours

*The figures in the margin indicate full marks.*

### Group - A

Answer any *six* questions.

2×6=12

1. (a) What is the function of Loader?
- (b) Name two input and output devices?
- (c) What is Computer Virus? Name one of those?
- (d) What is BIOS?
- (e) What is Operating System (OS)?
- (f) What is Data and Information in Computer?
- (g) State two differences between Compiler and interpreter?
- (h) What is Machine Language?

### Group - B

Answer any *two* questions from the following :

10×2=20

2. (a) State the characteristics of Object Oriented Programming Paradigm.
- (b) What is Flowchart? Give an example. 6+2+2=10
3. (a) What is System BUS?
- (b) State different functions of an Operating System.
- (c) Differentiate between Multitasking and multiprocessing. 3+5+2=10

4. (a) Differentiate between System Software and Application Software.

(b) Write the advantages of using Pseudo code.

(c) Write a short note on Cache Memory.

4+2+4=10

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