

Total No. of Printed Pages—3

5 SEM TDC GECA (CBCS) GE 5

2 0 2 1

(Held in January/February, 2022)

COMPUTER APPLICATION

(Generic Elective)

Course : GE-5

(**IT Fundamentals**)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Answer any *five* of the following questions :

1×5=5

- (a) Define data processing.
- (b) Give one example of I/P device.
- (c) Define LAN.
- (d) What is the use of a page header and page footer?
- (e) What is BIOS?
- (f) What is Web browser?

(2)

2. Answer the following questions : $2 \times 5 = 10$

(a) Differentiate between hard copy and soft copy output.

(b) How is plotter different from printer?

(c) Define URL.

(d) Define the term 'instance messaging'.

(e) How does a computer store information or data?

3. (a) What is 'generation' in computer terminology? List the various computer generations along with key characteristics of computers of each generation. $2+5=7$

(b) Draw the block diagram of a computer. Explain the function of each of the blocks. $2+6=8$

Or

Explain the services provided by an operating system. 8

4. (a) Define operating system. Explain the types of operating system. $1+5=6$

(3)

(b) Explain the following (any two) : $5 \times 2 = 10$

(i) ARPANET

(ii) WAN

(iii) MAN

(c) Explain the working of a magnetic disk. 4

5. (a) Explain about the different types of transmission medias in computer networks. 10

(b) Write the differences between the following : $5 \times 2 = 10$

(i) RDBMS and DBMS

(ii) SQL and MySQL

6. (a) Why is Google Scholar good for research? 5

(b) Explain the method of creating an e-mail ID. 5
