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5 SEM TDC GECA (CBCS) GE 5

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(Nov/Dec)

COMPUTER APPLICATION

Paper : GE-5

(**IT Fundamentals**)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

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

1. Answer the following questions : 1×10=10

- (a) What is IPO cycle?
- (b) What is antivirus?
- (c) What is utility software?
- (d) What is database?
- (e) Define primary key.
- (f) What is e-library?

(2)

- (g) What is heterogeneous storage?
- (h) What is the full form of MICR?
- (i) What is search engine?
- (j) What is SMTP?
2. Distinguish between (any three) : $3 \times 3 = 9$
- (a) First and second generation computers
- (b) Impact printer and non-impact printer
- (c) Volatile memory and non-volatile memory
- (d) Printer and plotter
3. (a) Discuss about the different types of output devices in computers. 5
- (b) What is topology? Write about the different network topologies. $1 + 5 = 6$
- (c) What is communication media? Differentiate between guided media and unguided media. $1 + 4 = 5$
4. (a) Why is operating system called as an interface between user and computer? Explain. 3
- (b) What are the various parts of digital computer? Explain with diagram. 5

(3)

5. Answer the following questions (any two) : $5 \times 2 = 10$
- (a) Explain various categories of SQL command with example. 5
- (b) What is Entity Relationship Model? Explain various components of E-R diagram. $1 + 4 = 5$
- (c) What is computer network? What are the classifications of network? Explain. $1 + 4 = 5$
