

SEC01 - Computer Science - Information Communication Technology

P. Pages : 1

Time : Two Hours

**GUG/S/25/15910**

Max. Marks : 40

- Notes :
1. All the questions are compulsory and Carry equal marks.
 2. Draw neat and labeled diagram wherever necessary.
 3. Avoid vague answer and write answer relevant and Specific to questions only.

Either:

1. a) Explain fourth generation of computer. 4
- b) Draw a block diagram of computer and explain it. 4

OR

- c) Write the characteristics of computer. 4
- d) Covert the following decimal number to binary number 4
 - i) $(435)_{10} = (?)_2$
 - ii) $(682)_{10} = (?)_2$

Either:

2. a) Explain static and dynamic RAM of computer. 4
- b) Explain blu ray disc in brief. 4

OR

- c) Write a note on Secondary memory. 4
- d) Explain the concept of Google drive. 4

Either:

3. a) Write applications of computer network. 4
- b) Explain in detail Local Area Network (LAN). 4

OR

- c) Write a short note on repeater device in computer network. 4
- d) Explain Wide Area Network in details. 4

Either:

4. a) Explain WWW in computer networks. 4
- b) What is Artificial Intelligence? Explain in brief. 4

OR

- c) Explain Web browser with example. 4
- d) What are the various application areas of Block Chain Technology. 4

5. Attempt all the questions
 - a) What is 'generation' in computer terminology? 2
 - b) Write note on EBCDIC. 2
 - c) Write benefits of computer network 2
 - d) Explain URL 2
