

## BCA Sem.-1 Examination

## CC 101

## Introduction to Computer &amp; Emerging Technologies

Time : 2-30 Hours]

December-2025

[Max. Marks : 70

**Q-1 Write the Following.**

- 1 What is computer? What are the types of it? 7
- 2 Explain various types of Networks. 7

OR

- 1 Explain the different areas where we can use computers? 7
- 2 What is input device? List the name of input devices and explain any one. 7

**Q-2 Write the Following.**

- 1 What is processor? Explain its components in detail. 7
- 2 What is RAM? Explain the various types of RAM. 7

OR

- 1 What is digital storage? Explain SSD and HDD. 7
- 2 Explain Portable Flash Memory Storage and Cloud Storage. 7

**Q-3 Write the Following.**

- 1 What is keyboard and what are its types? 7
- 2 What is printer? Explain its laser and inkjet in detail. 7

OR

- 1 What is optical reader? What are the technologies used by it? 7
- 2 What is output device? Explain different formats of it with example. 7

**Q-4 Write the Following.**

- 1 What is number system? Explain positional number system. 7
- 2 Convert the following binary to decimal:  $(111000101)_2$ ,  $(1110001)_2$  7

OR

- 1 Explain binary system in detail. 7
- 2 Convert the octal to decimal:  $(12456)_8$  and decimal to binary:  $(622)_{10}$  7

**Q-5 Answer the following. (Any Seven out of Twelve)**

- 1 A scanner is a light-sensing output device. (True/False) 14
- 2 Operating systems are system software. (True/False)
- 3 RAM is a permanent memory. (True/False)
- 4 F1 to F12 on keyboard are known as function keys. (True/False)
- 5 Octal representation of 15 is 18. (True/False)
- 6 1 KB=1084 MB. (True/False)
- 7 ASCII stands for \_\_\_\_\_.
- 8 BCD stands for \_\_\_\_\_.
- 9 SVGA stands for \_\_\_\_\_.
- 10 CRT stands for \_\_\_\_\_.
- 11 ROM stands for \_\_\_\_\_.
- 12 EEPROM stands for \_\_\_\_\_.