

**M.E.S. COLLEGE OF ARTS & COMMERCE, ZUARINAGAR-GOA**  
**B.A. (CBCS) I Semester End Examination (Regular/ Repeat) January, 2022**  
**GE- Computer Fundamentals & Emerging Technologies (CSG101)**

**Duration: 2 Hours**

**Marks: 60**

**Instructions:**

- 1. All questions are compulsory.**
- 2. Figures to the right indicate full marks.**
- 3. No calculators are allowed.**

**Q I) Answer any Five of the following. (5X2 = 10)**

- a) Give the list of 10 input devices.
- b) State the functions of C.P.U.
- c) Convert  $(650.75)_{10}$  into its equivalent binary.
- d) Convert  $(101100101.011)_2$  into its equivalent decimal.
- e) State the number of bits used in ASCII and UNIODE.
- f) What is template in word processor? Give two examples.
- g) State the names of any 8 charts available under ppt.

**Q II) Answer any Five of the following. (5X2 = 10)**

- a) State any 6 advantages of cloud computing.
- b) Mention disadvantages of Mobile Computing.
- c) State features of IOT.
- d) Mention any 6 applications of IOT.
- e) What is browser? Give two examples.
- f) What is public IP address?
- g) List the features of e-library.

**Q III) A. Explain different types of computers. (05)**

**OR**

**A. Explain the relationship between Hardware and Software. (05)**

**B. What do you mean by operating system as a user interface? Elaborate. (05)**

**Q IV) A. Write a note on Utility programs. (05)**

**OR**

**A. Explain the role of computers in defence services. (05)**

**B. Write a note on transition feature of PPT. (05)**

**Q V) A. Who are the users of cloud computing? Elaborate. (05)**

**OR**

**A. Explain business applications of Mobile Computing. (05)**

**B. Explain the role of IOT in your day to day life. (05)**

**Q VI) A. Write a note on web app. (05)**

**OR**

**A. Explain static and dynamic IP addresses. (05)**

**B. Write a note on Google Scholar. (05)**

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