

**CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR
WOMEN, NUVEM-GOA
SEMESTER END EXAMINATION, NOVEMBER-DECEMBER 2022
Semester: I of BA**

GE- Fundamentals of Computer and Emerging Technologies Code: CSG 101

Total marks: 60 Date: 30/11/2022 Duration: 2 hr Total No of pages:2

Q1. Answer any 4 of the following questions (4*3 marks =12)

- a. What is Application Software? Explain the categories of Application software with suitable examples.
- b. Differentiate between Data and Information with relevant examples.
- c. What are Headers and Footers in Word processing software? Explain the procedure to insert them in a word document.
- d. Write short note on Google Scholar.
- e. Explain the process of editing Wikipedia articles.
- f. Define the following :-
 - i) Hypertext ii) www iii) DNS

Q2. Answer the following:

A) Explain the application of Information Technology in Business. (6)

OR

A) Write a note on the application of IT in Education. (6)

B) Write note on Operating System. (6)

Q3. Answer the following:

A . What are basic components of a computer system? Explain each one. (6)

OR

A. Convert the following numbers as specified (6)

- i) $(1111111.01)_2$ to Decimal
- ii) $(15)_8$ to Decimal
- iii) 642.32 to Binary

B. Describe the various types of computers along with their functions. (6)

Q4. Answer the following:

A) What is Cloud computing? Explain the various service models of it (6)

OR

A) Write note on IoT and its applications. (6)

B) What is Virtual Reality? Explain its Applications (6)

Q5. Answer the following:

A) Write note on e-Library. (6)

OR

A) What are the benefits of using Animation in PowerPoint presentation? Explain the different types of animation effects available in PowerPoint. (6)

B) What do you understand by Mobile Computing? Explain the applications of Mobile Computing. (6)