

**CES College of Arts and Commerce, Cuncolim- Goa**  
**FYBCOM Semester End Examination**  
**Computer Application-I**

Semester : I  
Max. Marks: 60  
Date: 25/10/19

Paper: CSG-105  
Duration: 2 hours  
Time: 10:00 am to 12:00 pm

- Instructions:** 1. All questions are compulsory.  
2. Answer sub-questions in Question 1 and 2 in not more than 50 words each.  
3. Answer Question 3 to Question 6 in not more than 150 words each.  
4. Figures to the right indicate maximum marks to the question/sub-question.

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**Q.1. Answer any five of the following:**

(5x2 = 10)

- a) What is the binary equivalent of the decimal number  $(35)_{10}$ ?
- b) What are the disadvantages of ASCII and how was it dealt with?
- c) Explain lookup function in Spreadsheets.
- d) What is the decimal equivalent of the binary number  $(1011)_2$ ?
- e) What is the use of Google form?
- f) How would you automate the entry of Sr. No. in a Word table.

**Q.2. Answer any five of the following:**

(5x2 = 10)

- a) Explain Cloud Computing?
- b) What are the different challenges with respect to cloud computing?
- c) Explain the different types of Mobile Computing software?
- d) Give an example of augmented reality?
- e) What is a web browser? Give an example of web browser.
- f) Who decides which IP address is to be allocated for a machine connected to the Internet.

**Q.3 a) Explain the utility programs.**

(5)

OR

- a) Explain the differences between ASCII and Unicode.

(5)

**Q.3 b) Explain operating system as user interface.**

(5)

**Q.4 a) Explain the role of computers in Mobile Computing and media.**

(5)

OR

- a) What is the difference between a Checkbox type of question and a Multiple Choice of question in Google forms?

(5)

**Q.4 b) Explain the role computers in defense services and publication.**

(5)

**Q.5 a) What are the advantages of using transitions and animations in PowerPoint presentation?**

(5)

OR

- a) Using appropriate examples explain Platform as a Service (PaaS)?

(5)

**Q.5 b) Distinguish between Fully Immersive and Non-Immersive Virtual Reality**

(5)

**Q.6 a) Which protocol from http and https should a website which accepts a password,**

credit card numbers use and why?.

(5)

OR

a) Explain DNS, FTP and SMTP.

(5)

Q6.b) Explain Internet of Things.

(5)