

**FIFTH SEMESTER B.A./B.Sc. DEGREE EXAMINATION, NOVEMBER 2020**

(CUCBCSS—UG)

English

ENG 5B 04—INFORMATICS

Time : Three Hours

Maximum : 80 Marks

I. Answer *all* questions. Each question carries 1 mark :

1 Pick the odd one out :

- (a) BASIC. (b) COBOL.  
(c) FORTRAN. (d) Interpreter.

2 The free software movement was conceived and developed in 1983 by \_\_\_\_\_.

- (a) Linus Torvald. (b) Claud Shannon.  
(c) Richard Stallman. (d) None of the above.

3 Who is called the father of modern Computing ?

- (a) Claud Shannon. (b) Charles Babbage.  
(c) Presper Eckert. (d) John Von Newman.

4 Which of these is a search engine ?

- (a) Facebook. (b) Firefox.  
(c) You Tube. (d) Orkut.

5 Photoshop is a \_\_\_\_\_.

- (a) Spreadsheet tool. (b) Graphic tool.  
(c) Presentation tool. (d) Database tool.

6 \_\_\_\_\_ CD incorporates commonly used administrative jargons in the native tongue.

- (a) Aksharamala CD. (b) Bharanamalayalam.  
(c) Nila. (d) Kaveri.

Turn over

- 7 List of detailed instructions that direct a computer is called :
- (a) Execution. (b) Control.  
(c) Program. (d) Storage.
- 8 The process of converting analog signal to digital form is known as \_\_\_\_\_.
- (a) Modulation. (b) Recording.  
(c) Demodulation. (d) None of the above.
- 9 A \_\_\_\_\_ is a device used to connect a PC to the network.
- (a) Log. (b) Web.  
(c) Hub. (d) Bus.
- 10 The acronym USB stands for :
- (a) Universal serial Bus. (b) United server Bus.  
(c) Universal segment of bus. (d) None of the above.

(10 × 1 = 10 marks)

II. Answer at least *seven* questions. Each question carries 3 marks. All questions can be attended.  
Overall Ceiling 21 :

- 11 How does a computer virus spread ?
- 12 Name any *four* internet services.
- 13 What is bit ?
- 14 What is the main idea behind the 'stored program concept' ?
- 15 What is Moore's Law ?
- 16 What is localization ?
- 17 What is meant by Workstations ?
- 18 What is Bluetooth ?
- 19 What is System software ?
- 20 What is C-DAC ?
- 21 What are Simputers ?
- 22 What is meant by wireless network ?

(7 × 3 = 21 marks)

III. Answer at least *three* questions. Each question carries 7 marks. All questions can be attended.  
Overall Ceiling 21 :

- 23 What are the problems of localization in India ?
- 24 What do you mean by free software ?
- 25 Features of Notebook Computer.
- 26 What are the main features of ENIAC ?
- 27 What is a digitizing tablet and how is it used ?
- 28 What are the advantages of windows ?

(3 × 7 = 21 marks)

IV. Answer any *two* questions. Each question carries 14 marks :

- 29 What are the merits and demerits of online education ?
- 30 What are the major components of a CPU ? Explain the functions of each.
- 31 Write an essay on the Evolution of different generations of computer.
- 32 Attempt an essay on the security issues on the internet and precautions.

(2 × 14 = 28 marks)