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(Pages : 3)

Name.....

Reg. No.....

FIFTH SEMESTER B.A. DEGREE EXAMINATION, NOVEMBER 2016

(CUCBCSS—UG)

English

ENG 5B 04—INFORMATICS

Time : Three Hours

Maximum : 80 Marks

I. Answer the *ten* questions given below :

- 1 Which numbers represent the binary ?
(a) 1 and 2. (b) 1 and 0.
(c) 9 and 10. (d) None of these.
- 2 Which of the following is the first digital computer ?
(a) ENIAC. (b) EDVAC.
(c) EDSAC. (d) UNIVAC.
- 3 Which of the following is free software ?
(a) Intel. (b) AMD.
(c) Microsoft. (d) Linux.
- 4 Which of these is a social network ?
(a) Chrome. (b) Twitter.
(c) Internet explorer. (d) Firefox.
- 5 The term 'virus' came from a novel called _____.
(a) Robinson Crusoe. (b) When Harlie was One.
(c) Treasure island. (d) None of these.
- 6 A program that can copy itself and infect a computer is called _____.
(a) Malware. (b) Spyware.
(c) Virus. (d) Adware.

Turn over

- 7 Cryptography is used for _____.
- (a) Privacy. (b) Safety.
(c) Copyright purpose. (d) All of the above.
- 8 The first six letters on a modern keyboard reads.
- (a) QWERTY. (b) ASDFGH.
(c) ZXCVCBN. (d) QAZWSX.
- 9 Project Gutenberg is an example of _____.
- (a) Computer application. (b) Virtual university.
(c) Digital library. (d) Online bookstall.
- 10 Pick the odd one out :
- (a) Dotmatrix printer. (b) Mouse.
(c) Speaker. (d) Laser printer.

(10 × 1 = 10 marks)

II. Answer any *ten* questions in two or three sentences each :

- 11 Define Informatics.
- 12 Explain the significance of RAM.
- 13 Give a brief account of different type of earphones.
- 14 State the significance of cryptography.
- 15 What are the different image file formats ?
- 16 Define a modem and give its function.
- 17 How does an impact printer work ?
- 18 How does a search engine work ?
- 19 What are virtual libraries ?
- 20 Explain the term 'hacking' giving some examples
- 21 What is Bluetooth ?
- 22 What is a Blog ?

(10 × 2 = 20 marks)

III. Answer *four* questions in a paragraph of 80 words each :

- 23 Advantages of second generation computers.
- 24 Free software.
- 25 Mobile devices.
- 26 Distinguish between computer virus and malware.
- 27 Social networking.
- 28 Image editing softwares.

(4 × 5 = 20 marks)

IV. Answer any *two* out of the three given in about 200 words :

- 29 Types of computers.
- 30 Basic Hardware.
- 31 Knowledge resources on the Internet.
- 32 The significance of computer localization.

(2 × 15 = 30 marks)