

C 64507

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Name..... **10**

Reg. No.....

FIRST YEAR B.P.E. DEGREE EXAMINATION, JUNE 2014

Paper V—FUNDAMENTALS OF COMPUTERS AND INFORMATION TECHNOLOGY

(2013 Admissions)

Time : Three Hours

Maximum : 75 Marks

Answer any **five** questions of which **three** questions should be from Part A and **two** questions from Part B include it **Question 8** which is **compulsory**.

Part A

1. What is system software ? Discuss the different types of system software's. (1 × 15 = 15 marks)

2. (a) Match the column :

- | | |
|------------------------|--------------|
| (i) Internet | — Pandrive. |
| (ii) Cache | — MS Access. |
| (iii) Disk and sectors | — Memory. |
| (iv) Digital memory | — IP number. |
| (v) RDBMS | — Format. |

- (b) What is SMPS ? What is its purpose ? (5 × 1 = 5 marks)
- (c) What are the advantages of E-Commerce ? (1 × 5 = 5 marks)
3. (a) Explain the importance of social networking. (1 × 5 = 5 marks)
- (b) Explain the features of Digital and Analog computers. (1 × 5 = 5 marks)
- (c) What are the risks involved in online banking ? (1 × 5 = 5 marks)
4. (a) What is Freeware and Shareware ? (1 × 5 = 5 marks)
- (b) Explain the file management system in Windows. (1 × 5 = 5 marks)
- (c) What is ICT ? Describe its merits. (1 × 5 = 5 marks)
5. (a) What is the use of Windows explorer ? (1 × 5 = 5 marks)
- (b) What are Internet Browsers ? Describe any one. (1 × 5 = 5 marks)
- (c) What are the major input devices ? (1 × 5 = 5 marks)

Part B

6. Describe the features of Multitasking and Multi user operating systems.

(1 × 15 = 15 marks)

Turn over

7. (a) Fill in the blanks :

- (i) _____ is working memory of computer.
- (ii) 1 Kb _____ bytes.
- (iii) _____ the smallest element of information used by a computer.
- (iv) URL stands for _____.
- (v) GUI stands for _____.

(5 × 1 = 5 marks)

(b) Role of E-learning in the field of Distance Education.

(1 × 5 = 5 marks)

(c) Explain the need of ICT in Physical Education.

(1 × 5 = 5 marks)

8. Write very short notes on any *five* of the following :—

- (a) What is FTP ?
- (b) What are the components of Information Technology ?
- (c) What is RDBMS ? Explain any one.
- (d) What is booting process ?
- (e) Explain computer storage devices.
- (f) Compare Digital and Analog computer.
- (g) Differentiate Internet and Intranet.

(5 × 3 = 15 marks)