C 81761

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FIRST YEAR B.P.E. DEGREE EXAMINATION, APRIL 2015

Paper V—FUNDAMENTALS OF COMPUTERS AND INFORMATON TECHNOLOGY

(2013 Admission Onwards)

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 No: 8** *which is* **compulsory**.

Part A

1. Explain the difference between system software and application software ?

(1 × 15 = 15 marks)

2. (a) Match the column :—

   (i)   Open office   -   Tim Berners-Lee

   (ii) GUI   -   MS DOS

   (iii) Command operated   -   Mega pixels

   (iv) W.W.W   -   Windows

   (v)   Resolution   -   Sun Microsystems

   (5 × 1 = 5 marks)

   (b) What is the booting process in a computer ?

   (1 × 5 = 5 marks)

   (c) What is firewall ?

   (1 × 5 = 5 marks)

3. (a) What is Digital Identity, Explain ?

   (1 × 5 = 5 marks)

   (b) What is GUI ? Explain the main features of it ?

   (1 × 5 = 5 marks)

   (c) What are the major storage devices of computers ?

   (1 × 5 = 5 marks)

4. (a) What are the various types of computers ?

   (1 × 5 = 5 marks)

   (b) What are the major output devices ?

   (1 × 5 = 5 marks)

   (c) Explain the main features in different generation of computers ?

   (1 × 5 = 5 marks)

Turn over

5. (a) Write the procedure of inserting symbols in MS Word file ?

(1 × 5 = 5 marks)

(b) What are the programmes in MS Office Suite ?

(1 × 5 = 5 marks)

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

(1 × 5 = 5 marks)

Part B

6. Explain the different types of network and its advantages ?

(1 × 15 = 15 marks)

7. (a) Fill in the blanks :—

(i) —————— is an example of impact printer.

(ii) The diamond symbol represents —————— flowchart.

(iii) Graphical representation of algorithm is called ——————.

(iv) —————— function key is normally used for help.

(b) What are the search engines in Internet ?

(c) What are the Advantages of E-banking ?

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

(a) How can you add automatic page numbering in the Header of MS Word document ?

(b) How can you select a range of cells not next to each other in MS excel ?

(c) What is the purpose of the Mail merge in MS Word ?

(d) Describe about different Domains in Internet ?

(e) What is Spam *or* unsolicited E-mail ?

(f) Write the differences between Data and Information with examples ?

(g) Write the Advantages and Disadvantages of Social networking ?

(5 × 3 = 15 marks)