4N (CAM)

[19-HRPGKOW-M1S(N) 20M]

MCom 1st Semester (New) Exam., 2019 (W)

COMPUTER APPLICATION IN BUSINESS

[PGCM S1–04]

Full Marks : 80

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. *(a)* Answer the following questions : 1×8=8

(i) What is computer?

(ii) What is the minimum word length of a supercomputer?

(iii) What is multitasking operating system?

(iv) Write the Average( ) function in MS-Excel to calculate arithmetic mean of numeric values between the two columns C4 and C10.

(v) What is GUI?

(vi) What is DML?

(vii) What is web browser?

(viii) Define copyright.

(b) Choose the correct option for the following : 1×4=4

(i) _____ can be used to define the conceptual scheme and also gives some details about how to implement the conceptual schema in the physical devices.

(1) DML

(2) DDL

(3) DCL

(4) HTML

(ii) Which is the first search engine?

(1) Google

(2) Archie

(3) Yahoo

(4) Bing

(iii) Which of the following is not an OS?

(1) DOS

(2) WINDOWS-NT

(3) WNDOWS-NT

(4) VMS

(iv) The decimal equivalent of the binary number 1001101 is

(1) 76

(2) 77

(3) 78

(4) 79

(c) Fill in the blanks : 1×4=4

(i) _____ is an operating system developed by AT and T Bell Laboratories.

(ii) 128 bits = _____ nibbles.

(iii) Computer software is protected by _____ which is a form of legal protection.

(iv) The full form of ERP is _____.

2. Answer any *five* from the following questions : 2×5=10

(a) What is cache memory?

(b) Differentiate between system software and application software.

(c) Define MIS.

(d) What are static RAM and dynamic RAM?

(e) Write the different alignments available in MS-Word.

(f) What are the functions of a CPU?

3. Answer any *four* from the following questions : 3×4=12

(a) Explain the steps to add more slides to an existing presentation.

(b) Discuss any three functions of MS-Excel with example.

(c) Discuss the steps involved in mail-merge.

(d) Convert the following into their equivalent :

(i) $(125)_{10} = (\quad)_2$

(ii) $(125)_8 = (\quad)_2$

(iii) $(0110111)_2 = (\quad)_{10}$

(e) Discuss the characteristics of 2nd and 3rd generations of computer.

4. Answer any *three* from the following questions : 6×3=18

(a) Explain the von Newmann architecture.

(b) Explain the merits and demerits of peer-to-peer and client-server architecture of Internet.

(c) What is an e-mail? Describe the common header fields associated with an e-mail.

(d) What are intellectual property rights? Define copyrights and patents and give an example for each.

5. Answer any *three* from the following questions : 8×3=24

(a) Explain the steps involved in formatting a document.

(b) Explain different types of OS with example.

(c) Explain different components of Excel workbook.

(d) Explain different areas of Information Technology.

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