CR-5601

B. C. A. (First Year) Examination, March-April 2019

FUNDAMENTALS of COMPUTER & PC PACKAGES

Time Allowed : Three hours

Maximum Marks : 40

*Note : Attempt questions of all **three** sections as directed.*

Section-A

(Objective Type Questions)   5×1=5

Note : Attempt all questions. Each question carries 1 mark.

1. Choose the correct answer :

   (i)   A plug and play storage device that simply plugs in the port of a computer is ....

   (a) Flash drive

   (b) Compact disk

   (c) Hard disk

   (d) CD   http://www.a2zsubjects.com

   (ii) Set of a program which consists of full documentation :

   (a) Software package

   (b) System software

   (c) Utility software

   (d) File package

   (iii) A guideline for the OSS licenses other than the GPL :

   (a) OSI

   (b) OSD

   (c) OSE

   (d) OSL

(iv) MS-Word comes under ....

(a) Document production

(b) Graphics

(c) Databases

(d) Numerical Analysis

(v) In a spreadsheet, letters are used to represent ....

(a) Cells

(b) Rows

(c) Columns

(d) Blocks

Section-B

(Short Answer Type Questions) 5×2=10

Note : *Attempt all five questions. One question rom each unit is compulsory. Each question carries 2 marks.*

Unit-I

2. What is the difference between Hardware and Software?

PTO

Or

What is storage devices? Explain with examples.

Unit-II

3. What do you understand by multitasking?

Or

Write any three characteristics of Operating System.

Unit-III

4. Write short notes on any **three** of the following with an example :

(i) Star topology

(ii) Conrol panel

(iii) Electronic mail

(iv) Modem

(v) Server

Unit-IV

5. Write any two features of MS-Word.

Or

What is justification? Explain briefly the ways a paragraph in a MS-Word document can be justified.

Unit-V

6. What are the two types of data that can be inserted in a cell of a worksheet? Give examples.

Or

It is required to print the page number at the bottom and a heading at the top-center of the slide in MS-PowerPoint. Give the steps to achievee this.

Section-C

(Long Answer Type Questions)   5×5=25

Note : Attempt all five questions. One question rom each unit is compulsory. Each question carries 5 marks. http://www.a2zsubjects.com

Unit-I

7. What is the difference between Hardware and Software? Write any five features of Object Oriented Programming language.

Or

What is the difference between a volatile memory and a non-volatile memory? Write a short note on memory cell.

Unit-II

8. Write the difference among the following data model of DBMS :

(i) Entity-Relationship model

(ii) Network model

(iii) Hierarchical data model

Or

What do you understand by process? What is the need of PCB (Process Conrol Block)? Explain.

Unit-III

9. Explain the concept of LAN and MAN and WAN. Write the difference between different network topologies.

Or

Differentiate Windows and Linux Operating System. Explain the procedure to install hardware system on your computer.

Unit-IV

10. What is macro in MS-Word? What are its features? How can we insert macros in a document.

Or

Write short note on any **three** of the following :

(i) Wizards and templates

(ii) Mail merge

(iii) Thesaurus

(iv) Header and Footer

Unit-V

11. What are the different types of charts in MS-Excel? Write short notes on handouts in MS-PowerPoint.

Or

What is absolute cell addressing in a worksheet? How does it differe from relative cell addressing?