



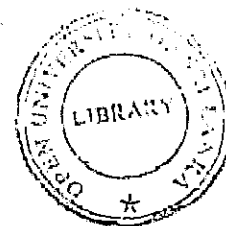
Date: 11.07.2009

Time: 1.30 pm – 3.30 pm

Answer Four Questions Only.

Q1.

- a. Write short notes on the following:
 - i. Features of a computer
 - ii. RAM
 - iii. Types of computers
- b. What are the peripherals of a computer? Explain and give two examples.
- c. What are the differences between a micro computer and a supercomputer?
- d. Write short notes on the following:
 - i. Machine Language
 - ii. CPU



Q2.

- a. Convert the following decimal value into binary and binary value into decimal.
 - i. 225_{10}
 - ii. 011001101_2
- b. There are four programs in system software. Briefly describe each one.
- c. Compare and contrast the differences between low level and high level languages.
- d. Indicate whether the following statements are TRUE or FALSE.
 - i. DOS is a multi-user, multi-tasking operating system.
 - ii. MS Word is not an application software.
 - iii. Java is not a Low level language.
 - iv. Start button, appears on the start menu.
 - v. Control panel provides facilities for handling of hardware & software.

Q3.

- a. What are the advantages of the Control Panel?
- b. Compare and contrast the differences between Windows and DOS operating systems.
- c. Write short notes on the following :
 - i. Windows Explorer
 - ii. Linux
 - iii. Icon

Q4.

- a. Describe the main facilities of MS-Word.
- b. Explain, how we can do the following text formatting in MS-Word?

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- c. Describe the three advantages of MS PowerPoint.

Q5.

- a. What is the purpose of a spreadsheet?
- b. Using your knowledge on Microsoft Excel, explain the following terms.
 - i. Field Name
 - ii. Formula bar
 - iii. Column
- c. Answer the following questions by using the table given below:

	A	B	C	D	E	F
1	STU NO	STU NAME	STU M1	STU M2	TOTAL	AVERAGE
2	147	Mala	45	65		
3	852	Kapila	52	21		
4	123	Rosi	35	75		
5	456	Raj	85	82		
6	951	Lal	42	55		
7	753	Gamini	51	40		
8	324	Roshan	25	39		

- i. Write a function to find the total marks.
- ii. Write a function to find the maximum and minimum total mark.
- iii. Write a function to find the average marks.
- iv. Write a function to add extra 10 marks to all the students.

Q6.

- a. Briefly describe the terms Field, Record, Table and Query in the context of MS Access.
- b. What is the internet? Describe advantages and disadvantages of the internet.
- c. Write short notes on the following:
 - i. FTP
 - ii. Home page
 - iii. E-Commerce

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