University of Liberal Arts Bangladesh (ULAB)

MID TERM EXAMINATION
Spring 2020

Course No:	CSE 101 (Sec: 6)
Course Title:	Introduction to Computer Studies

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Date of examination:	23.03.2020

Obtained	18
Total	25

Signature of the Examiner

Ans to the Ques No : 01

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c)   101) 10111 (100
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            11

Ans to the Ques No : 02

a) Push Technology and Pull Technology

Push Technology : Push technology gets its name from its ability to push information to a user's desktop instead of waiting for user to make a request. Modern webcasting products encourage the user's cooperation for managing the information. This is particularly ture for intranet users. Push technological services are managed in advance according to the information priority model, B There are two major advantages to push technology. It is efficient in terms of initiating server connections.

Pull Technology :

Pull Technology is a type of communication that takes place over the Internet when a client initiates a transaction by requesting information from a server. when you typed a URL into the adress bar on your browser, and your browser sends that request over the internet to a server. Pull technology is used to deliver content to many different types of applications and devices. websites are delivered to a browser using pull technology after they requested by the browser. computer, tablet, and smart phone applications employ pull technologies if they only check for updated content while they are being used.

b) Cloud computing :

Cloud computing is the delivery of on demand computing services from applications to storage and processing power typically over the internet and on a pay-as-you-go basis. Cloud computing right from the basics up to Iaas and Paas, hybrid, public and private cloud, AWS and Azure. One benefit of using cloud computing services is that firms can avoid the upfront cost and complexity of owning and maintaining. Cloud computing underpines a vast number of services. For example Netflix relies on cloud computing services to runs its video streaming services.

c) Impact Printers and Non-impact Printers:

Impact and non-impact are two categories of the Printer. Impact Printers involve mechanical components for conducting Printing. While in Non-Impact Printers, no mechanical moving component is used.

Impact Printers : It is a type of Printer that works by direct contact of an ink ribbon with paper. These Printers and typically loud but remain in use today because of their unique ability to function with multipart forms. An impact Printer has mechanisms resembling those of type writer. Example of Impact Printers, Dot-matrix Printer, Daisy-wheel Printers and line Printers.

Non - Impact Printers :

It is a type of Printer that does not hit or impact a ribbon to Print. They used laser, xerographic, electrostatic, Chemical and inkjet technologies. Non - impact Printers are generally much quieter. They are less likely to need main-tenance or repairs than earlier impact Printers. Example of Non - Impact Printers is Inkjet Printers and Laser Printers.

Ans to the Ques No : 03

In c, You can perform four major operations on files either text or binary :

1. Creating a new file. When working with files, You need to declare a pointer of type file. This declaration is needed for Communication between the file and the program.

FILE *fptr;

2. Opening an existing file. Opening a file is performed using the fopen() function defined in the stdb.h header file. The syntax for opening a file in Standard I/O is :

ptr = fopen ("fileopen", mode ").;

3. Reading from existing file and writing translate data information to new file. For reading and writing to a text file. we use the functions fprintf() and fscanf().

functions fread() and fwrite() are used for reading from and writing to a file on the disk respectively in case of binary files. For translate use specific translate function.

04. Close or terminate the program. The file (both text and binary) should be closed after reading/writing. Closing a file is performed using the fclose() function.
fclose(fptr);

Ans to the Ques no : 04

The impacts and application of computer in Education and health care :

There are no two ways about it : technological developments in healthcare have saved countless patients and are continuously improving our quality of life. In this modern era can't imagine anything without computer and internet. we use Computer in every field including education and medical. Computer ~~is~~ ~~every~~ plays important role for ~~this~~ two section. Now days education become easier for computer technolgy. we can learn anything via internet throw computer. we can provide education any place of this world by this. And we can read,

Write and can calcutale such things in a short time. Doctors Can Provide health information by this where they can't reach so easily. At last I'll say that its essential for us.