#### **University of Liberal Arts Bangladesh (ULAB)**



#### FINAL EXAMINATION Spring 2020

Course No:	CSE 101 (Sec: 6)	
<b>Course Title:</b>	Introduction to Computer Studies	

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Date of examination:	22.04.2020

Obtained	21.50
Total	25

Signature of the Examiner

## Ans to the question - 01

property of the south of the formal property

to starct an online and offline business.

important to roun a business. Through this applications we can automate the manufacturing,
marcketing and distribution process. Computers help

in recharge, production, distribution, marketing, banking, team monagement and very helpful to increase productivity at a lower cost, less time with high quality.

computers also plays an important role in eduction.

Now we used numbers of applications to imprrove ours quality and learning style, we use Microsoft

powere point to presporce and delivere electronic presentations to the audiences. Thereforce, we our electetetetetetetetetetete have mony applications such as Google classifoom, hongouts meets, 200m by which we attend to online classes through the interemet. And theree will all all the content of the party aree many preogreamming applications by which we preactice mony method to increase our skills. glad i of tean or sorry with drivate bins griss will so we say that computere plays an important gentral more inchialisment. It make my by all set will reale in business and education. ed labled family and find helpful the ingress of the finite of the loss of the property of suffered to the special front stopping in a special south south special specia the sandinosityan to so dinon looms on cook toportion see the formal for prilons and

### Ans to the question-02

storein and and? Aft were all milder and in milde

Abacus: An abacus is a mechanical device used to assist a perrson in perc-forcing mathmatical calculations and counting. Beforee computeres, calculations one even are threatic using papers and pencil, the abacus was the most advanced device fore creunching numbers.

Althire 8800: The Altaire 8800 is a microcomputere designed in 1979 by MITS and based on the Intel 8080 Cpu. The Altaire 8800 had an huge impact on people and computeres. The Altaire 8800 gave ideas to make bettere and bell advance computeres. Beforce the Altaire 8800 was created, people had to use books to find inforemation one worlds they did not know, students even

had to use typewreiters in oredere to type up theirs inforemation ore work. Afters the invention of Attaire 8800 all students and people aree easily find information and students can easily types type theirs work on it.

44444444444 Macintosh: The Mocintosh is a family of Pales and small see Percsonal computeres desingned and manufactureed The But by Apple since January 1984. Macintosh is the firest successful mass-market personal computers to have a greathical users intersface, buit in gerceen and mouse. By this people can do many impore tant things like save inforemation, colculations. so and many more things . swom of costs way

inputeres. Behined the Allers also cars creeking to particular built of award sens o ban ward

trans probable asona for his part shows so

Ans to the question-03 or (CPE . C)

$$(\frac{0.01110101110101011}{1665653})_{2}$$

$$0.345 \times 2 = 0.69$$
 $0.69 \times 2 = 1.38$ 

Ans to the auestion-04

1001 1001 1001 1001 1001 1001x 0000x 1001x 1001x

Ans: 1100011.

b) 
$$(11000)_{2}$$
  $\div$   $(101)_{2}$ 

L Remainder

Ans: 100. Remainder = 100

# Ans to the ovuestion- 05

Erryonomics is the process of designing and arcreanging things people use so that the people and things intercact most efficiently and Safely.

It seems meanly everyone in this digital world is spending a lot of time in front of a computerz, which can stream the eyes as well as other parcts of the body who uses a computerz fore prologed perclods whether on the tipo at school or at home fore entisyment, there are many, reisk. Example:

something but being

- 1. Headaches.
- 2. Burening eyes.
- 3. Red eyes
- 4. A stiff neck
- 5. Computers vision syndrcome.

to avoid all these problems we must be correful and use can prevent this by adjusting the breightness. use aeffectent and supporting instrument at the desk, taking regulate walk breeaks and using a good chaire that eregonomical and support the neck.

Repetitive stream Injury (RSI): Repetitive
Stream Injury is a potentially debilitating
condition ressulting from overcusing the hands
to pereforem a trepetitive task such as typing.
Clicking a mouse ore writing. To avoid (RSI)

I suggest mon recules fore a computere useres.

1. Take Breezeks.

2. use good posturce.

3. use an eregonomically optimized workstation
to readure stream on your worky. Stream Injury is a Potentially debilitating condition resulting from overzusing the hands to pereform a trepetitive task such as typing

- to reeduce stream on yours body.

- 4. Exerccise regulardy.
- 5. Only use the computer as much as you have to.
- 6. Don't Streetch fore the hared to reach keys.

  Example: Bookspace, Entere, shift, control

By doing this theese things I think a computere Useres can avoid Repetitive strain Injury (RSI).

#### Ans to the ovvestion - 06

interespeces, an endocentric envirconment referes to a virtual reality or some other Immersive envirconment which is introduced directly into the user a senses. Example: VR goggles.

Exocentric Environment: In the field of users interespeces, an exocentric environment refers to a virotenal resulty or some others immerssive environment which completely encompassed the users.

Example: By placing the viewers in a moom made up entircely of recers projection screens.

information from a particular source. Bownloadly web Pages via a web browsers in an example of Pull technology. Oretting mail is also pull technology is the users initiates a request to retrieve it. Example: Searchig on Browsers.

push Technology: Push technology is a service in which the users downloads software from a provider which then continually supplies information from the interenet in contegordes selected by the users. Example: E-mail.

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made in continety of reason production deriver

- c) software as serevice (soas) is a software distribution model in which a third-party provider hosts applications and makes them available to customers over the intercnet.

  Example: Google Apps, Dropbon.
  - d) Virctual Reality (VR) is the use of computers technology to creeate a simulated environment unlike treaditional use interefaces, VR places the users inside an expercience. Instead of viewing a screen infront of them, users are immersed and able to intereact with 3D world.

Example: samsung Great VR.