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MCS-214

**MASTER IN COMPUTER
APPLICATIONS**

(MCA) (NEW)

Term-End Examination

December, 2023

MCS-214 : PROFESSIONAL SKILLS AND ETHICS

Time : 2 Hours

Maximum Marks : 50

Note : *Answer all questions.*

1. Read the following passage and answer the questions below it :

Information Technology (IT) is the application of computers and internet to store, retrieve, transmit and manipulate information, often in the context of a business or other enterprise. IT is considered as a subset of Information and

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Communication Technology (ICT) and has evolved according to the needs. It is worth while noting that term IT is commonly used as a synonym for computers and it has, in this sense, shaped societies and adapted itself to people's needs.

Humans were the first 'computers'. Then machines were invented to carry out computational tasks. Now these machines have given way to a new form of information technology. Information has become accessible from anywhere through cloud technology. The term information technology in its modern sense first appeared in a 1958 article published in the Harvard Business Review; authors Harold J. Leavit and Thomas I. Whisler commented that the new technology does not yet have a single established name. We shall call it Information Technology (IT). Their

definition consists of three categories : techniques for processing, the application of statistical and mathematical methods to decision-making and the simulation of higher order thinking through computer programs and computer networks but it also encompasses other information distribution technologies such as television and telephones. Several industries are associated with information technology including computer hardware, software, electronics, semi- conductors, internet, telecom equipment, engineering, health care, e-commerce and computer services. Thanks to the continuous development of computers, the original computing systems became minicomputer and later personal computers took the lead. Now-a- days, mobile phones are dethroning the personal computer and computing is evolving faster to become

disembodied like a cloud, becoming accessible more easily whenever needed. Information technology has transformed people and companies and has allowed digital technology to influence society and economy alike.

Questions :

(a) Answer the following questions :

5×2=10

- (i) Information technology is evolving mostly as a result of ?
- (ii) The author claims that the first computers were ?
- (iii) What is the outcome of the development of information technology ?
- (iv) What does it signify when computing systems take the shape of clouds ?
- (v) Give a suitable title to the passage and give a reason of it.

- (b) Find words or phrases from the passage that mean the same as the following : 6
- (i) A place where items may be kept
(Para 1)
 - (ii) To spend or convey from one person or place to another (Para 1)
 - (iii) Modify (Para 1)
 - (iv) To create (Para 2)
 - (v) A result or effect of an action or condition (Para 2)
 - (vi) Imitate (Para 2)
- (c) Make sentences of your own with the following words from the passage : 4
- (i) Retrieve
 - (ii) Subset
 - (iii) Dethrone
 - (iv) Accessible

2. Write short notes on any **two** of the following :

5×2=10

- (i) Should anonymity be allowed on the internet ?

- (ii) How important is time management ?
- (iii) Your understanding of morality and ethics
- (iv) Impact of social media.
3. (a) Fill in the blanks with a, an, the or no article :

$$10 \times \frac{1}{2} = 5$$

To say education is important is understatement. It is weapon to improve one's life. It is probably most important to bring about social change. Education for child begins at home. It is lifelong process that ends with death. Education certainly determines quality of individual's life. Education improves one's knowledge skill and develops personality and attitude most noteworthy. Education affects chance of employment for people. A highly educated

individual is probably very likely to get..... good job.

(b) Rewrite the following sentences beginning with the word given below : 5

(i) The girl has been feeling sick because of the weather.

Bad weather ...

(ii) I will write a book in the next semester.

A book ...

(iii) Your food is being prepared by him.

He is ...

(iv) You are requested to throw garbage in the dust bin.

Please ...

(v) She has stitched a new uniform for her sister.

A new uniform ...

4. Write a letter to your friend sharing details of a newly offered course in your university. 10

Talk about :

- (i) How innovative and different this course is
- (ii) Your ideas and understanding about the course
- (iii) The scope of the course

You may use about **150** words.