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MCS-214

**MASTER OF COMPUTER
APPLICATION
(MCA-NEW)**

Term-End Examination

June, 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 :

One of the greatest advances of modern technology has been the invention of computers. They are widely used in industries and universities. Now there is hardly any sphere of human life where computers have not been pressed into service of humans. We are heading

P. T. O.

fast towards a day when a computer will be as much a part of our daily life as a telephone or a computer. Computers are capable of doing extremely complicated work in all branches of learning. They can solve the most complex mathematical problems or put thousands of unrelated facts into order. These machines can be put to various uses. For instance, they can provide information in the best way to prevent traffic jams. The process by which machines can be used to work for us has been called 'automation'. In the future, automation may enable human beings to enjoy more leisure than they do today. The coming of automation is bound to have important social consequences.

Some years ago, an expert on automation, Sir Leon Bagrit pointed out that it was a mistake to believe that these machines could 'think'. There is no possibility that human beings will

be 'controlled by machines'. Though computers are capable of learning from their mistakes and improving their performance, they need detailed instructions from human beings to operate. They can never, as it were, lead independent lives or 'rule the world' by making decisions on their own. Sir Leon said that in future, computers would be developed which would be small enough to carry in a pocket. Ordinary people would then be able to use them to obtain valuable information.

Computers could be plugged into a national network and be used like radios. For instance, people going on holiday could be informed about the weather conditions. Car drivers can be given alternative routes when there are traffic jams. It will also be possible to make tiny translating machines. This will enable people who do not share a common language to talk to each other without any difficulty.

Question :

(a) Answer the following questions : $5 \times 2 = 10$

- (i) Explain automation.
- (ii) Why can't computers lead independent lives or rule the world ? Give *two* reasons.
- (iii) What are Sir Leon's views on automation ?
- (iv) Give the meaning of the following phrases :
 - (i) 'Controlled by machine'
 - (ii) 'Rule the world'
- (v) Give a suitable title to the passage and give reason for it.

(b) Find words or phrases from the passage that mean the same as following : 6

Make progress (Para 1)

Creation (Para 1)

Precious (Para 2)

Having the ability (Para 2)

Available as another possibility (Para 3)

A way or course (Para 3)

- (c) Make sentences of your own with the following words/phrases from the passage : 4

- (i) Widely
- (ii) Complicated
- (iii) Possibility
- (iv) Conditions

2. Write short notes on any **two** of the following in about **75** words each : 5×2=10

- (i) The qualities of a leader
- (ii) Problem solving skills
- (iii) Importance of feedback in communication
- (iv) Why is honesty the best policy ?

3. (I) Fill in the blanks with a, an, the or no article : 5

I am from Mumbai, Maharashtra.

Mumbai is city in India. I
live in house in quiet
street in countryside

street is called 'Malad street' and
house is more than 100 years old. I work as
..... librarian at college near
..... town.

II. Rewrite the sentences beginning with the
words given below : 5

- (i) The train has been delayed due to heavy
floods.

Heavy floods

- (ii) We will buy a car by next year.

A car

- (iii) The game is played by them.

They

- (iv) The parents requested the children to
participate in Olympiad.

Please

- (v) The University has launched a vocational
course.

A vocational course

4. Write a letter to your parents informing them about your internship at a Tech-firm HCL. Talk about : 10

- (i) Your work profile
- (ii) The incentives provided by workplace
- (iii) The challenges that you faced and overcome

You may use about **150** words.