PAPER ID-310120

Subject Code: RCAE23

Roll No: | | | | | | | | | | | | | |

MCA

(SEM-V) THEORY EXAMINATION 2020-21

HUMAN COMPUTER INTERACTION

Time: 3 Hours ***Total Marks: 70***

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 7 = 14

a.	What are the principles of user interface?
b.	Discuss Graphical User Interface.
c.	What are the human considerations in design?
d.	Describe the information retrieval on web.
e.	What are the common message types in Windows?
f.	Give any two pointing devices in detail.
g.	What are the function keys?

SECTION B

2. Attempt any *three* of the following: 7 x 3 = 21

a.	Discuss the history of Screen design briefly.
b.	Describe the importance of human characteristics in design.
c.	Explain device-based controls. How to select the proper device-based controls?
d.	List the navigation schemes selection of window.
e.	Identify the characteristics of the interaction devices.

SECTION C

3. Attempt any *one* part of the following: 7 x 1 = 7

(a)	Discuss about the characteristics of a Web interface.
(b)	Discuss the benefits of good design.

4. Attempt any *one* part of the following: 7 x 1 = 7

(a)	Explain about business definition and requirement analysis.
(b)	Discuss the human interaction with computers.

5. Attempt any *one* part of the following: 7 x 1 = 7

(a)	What are screen elements? Explain.
(b)	Discuss in detail about visually pleasing composition.

6. Attempt any *one* part of the following: 7 x 1 = 7

(a)	Briefly discuss about creation of meaningful graphics, icons and images.
(b)	Explain in details about the factors consider in choosing colors.

7. Attempt any *one* part of the following: 7 x 1 = 7

(a)	What are six main criteria for finding the right tool? Explain in detail.
(b)	Explain in detail about interface-building tools.