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M.Tech. 2nd Semester (Artificial Intelligence and Data Science) Examination, July-2022

HUMAN COMPUTER INTERACTION

Paper-21MTA122C5

Time allowed : 3 hours] [Maximum marks : 100

Note : Attempt five questions in all, selecting one question from each unit. Q. No. 1 is compulsory.

1. Write short note on following :

- (i) HCI
 - (ii) Task Analysis
 - (iii) Natural Languages
 - (iv) Hypertext
- 20

Unit-I

2. What is the role of evaluation in HCI and also describe the evaluation Techniques. 20

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3. Why HCI is important in the development Process of Software Project. 20

Unit-II

4. Explain the following :
- (i) Dialog Design Notation
 - (ii) Socio-Organizational issues 20
5. Describe the following :
- (i) Collaboration Models
 - (ii) Interactional Model 20

Unit-III

6. Explain the following :
- (i) Virtual environment and its types
 - (ii) Types of Menu in HCI. 20
7. What are Interactive Devices explain in detail. 20

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Unit-IV

8. Explain the following :
- (i) Multimedia
 - (ii) WWW 20
9. Describe the following :
- (i) Information Visualization
 - (ii) Quality of Service 20

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