

**SECTION - I**

2. (a) What is Interactive System Design in HCI ? 10  
(b) What is user support ? Describe in detail. 10
3. What is HCI and what are the main components of HCI system ? 20

**SECTION - II**

4. Who are stakeholders and also describe the stakeholder requirements ? 20
5. Explain the following : 20  
(i) Cognitive models  
(ii) Interactional model

**SECTION - III**

6. Describe in detail about interaction styles in HCI. 20
7. Explain the following : 20  
(i) Dialog Boxes  
(ii) Natural Languages

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**SECTION - IV**

8. Describe the following : 20  
(i) Quality of Service  
(ii) Information Search
9. Explain the following : 20  
(i) Groupware  
(ii) Multimedia

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Roll No. ....

**23740**

**M. Tech. 2nd Semester Artificial  
Intelligence and Data Science  
Examination – June, 2023**

**HUMAN COMPUTER INTERACTION**

**Paper : 21MTAI22C5**

*Time : Three Hours ]*

*[ Maximum Marks : 100*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

*Note : Attempt five questions in all, selecting one question from each Section. Question No. 1 is compulsory. All questions carry equal marks.*

1. Write short notes on the following : 20
- (a) Computer
  - (b) Task Analysis
  - (c) Dialog Boxes
  - (d) WWW