Roll No. ☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 01

Total No. of Questions : 08

M.Tech. (CSE/CSE (PT)) (2019) (Sem.–2,3)
HUMAN AND COMPUTER INTERACTION
Subject Code : MTCS-209-18
M.Code : 76060

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :
1. **Attempt any FIVE questions out of EIGHT questions.**
2. **Each question carries TWELVE marks.**

1)   What are the various types of memories based on their function? Explain the working of all the types of memory with underlining the importance of each of these types.

2)   Explain any of the interaction model with the details of the involved stages.

3)   a)   What are the steps for Interaction Design process? Explain in detail.

     b)   What are the advantages and disadvantages of Prototyping Model?

4)   a)   What are the Emphasis of usability engineering ?

     b)   What is GOMS? Define Goals and Operators. Give example for GOMS.

5)   What are the various layers of mobile ecosystem? Explain in detail.

6)   a)   What are the issues with showing contextual tools in an overlay?

     b)   Compare paging with Scrolling.

7)   Explain various contextual tools with examples.

8)   What are the recent trends in speech recognition and translation?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.