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GIET UNIVERSITY, GUNUPUR – 765022
M. Tech (Second Semester Examinations) – October' 2021
MPECS2041 – HUMAN AND COMPUTER INTERACTION
(C.S.E)

Time: 2 hrs

Maximum: 50 Marks

(The figures in the right hand margin indicate marks)

PART – AQ.1. Answer **ALL** questions

(2 x 10 = 20)

- What is the purpose of Drag and Drop?
- Define Cognitive walkthrough.
- Give a model of interaction design process.
- What are the guidelines for designing conceptual model?
- Illustrate UIMS.
- What is usability engineering?
- Develop Hypertext conversation structure.
- What are the different activities that occur within a problem space?
- What is Android SDK?
- What is BREW?

PART – B**(6 x 5 = 30 Marks)**Answer **ANY FIVE** questions

Marks

- Classify mental models, and why are they important in interface design? (6)
- What is cognitive model? Classify cognitive models and discuss the same (6)
- Explain Shneiderman's eight Golden rules of interface design (6)
- What is prototyping? List the Techniques for prototyping and explain them in detail. (6)
- Explain about Communication and Collaboration Models (6)
- Write short notes on: (6)
 - Multimodal System
 - dynamic web content
- Explain and illustrate about various process flow patterns. (6)

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