BE / IT / R2019-20 'C' Scheme / Sem VIII

Duration: 3hrs [Max Marks:80]

N.B. : (1) Question No 1 is Compulsory.
   (2) Attempt any three questions out of the remaining five.
   (3) All questions carry equal marks.
   (4) Assume suitable data, if required and state it clearly.

1   Attempt any FOUR [20]
   a What is good and bad design? explain with one example.
   b What is the role of feedback in user interaction design?
   c What do you mean by expressive interfaces explain with example
   d Explain Cognition with one example of Memory aspect.
   e What is user interaction design, and why is it important?

2 a What is the role of user research in user interaction design? [10]
   b What is the role of prototyping in user interaction design? Explain wireframe [10]
      with example

3 a Explain principles that support usability [10]
   b What is a conceptual model in user interface design, and why is it important? [10]

4 a What are key benefits of conducting task analysis during the design process? [10]
   b What are Different techniques for gathering data during the requirements [10]
      gathering phase?

5 a Write a note on 10 heuristics by Nielsen [10]
   b What is DECIDE framework? Explain in detail [10]

6 a Compare Controlled Setting, Natural Setting, and Any Setting Evaluation. [10]
   b What care will you take while designing an interface for a deaf person? Justify [10]
      your answer with sample design.

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