

Review Questions

- Q.1 List down HCI Design Principles and Rules. **[4 Marks]**
- Q.2 Explain three main goals of evaluation in detail. **[3 Marks]**
- Q.3 Explain the example evaluation through expert analysis. **[2 Marks]**
- Q.4 Explain user interface design process in detail. **[4 Marks]**
- Q.5 Discuss designing for people using seven commandments. **[4 Marks]**
- Q.6 Elaborate usability assessment in the design process. **[5 Marks]**
- Q.7 Which are the common usability problems? Explain. **[4 Marks]**
- Q.8 Discuss about Practical and Objective Measures of Usability. **[4 Marks]**
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- Q. 9** Explain formative and summative evaluation. [4 Marks]
- Q. 10** Write short note on : (a) Usability specification for evaluation. [4 Marks]
- Q. 11** Explain analytic methods and model-based analysis. [8 Marks]
- Q. 12** Elaborate GOMS model. [6 Marks]
- Q. 13** Write short note on : [3 Marks]
- (a) Empirical Methods: Experimental Evaluation
 - (b) Field Studies
 - (c) Usability Testing in Laboratory
 - (d) Controlled Experiments
 - (e) Heuristic Evaluation
- Q. 14** Explain cognitive walkthrough in detail. [4 Marks]
- Q. 15** Elaborate Evaluation Framework using following point : [6 Marks]
- (a) Paradigms and Techniques
 - (b) DECIDE: a Framework to Guide Evaluation
- Q. 16** Elaborate universal design principles in detail. [5 Marks]
- Q. 17** What is significance of multi-modal interaction in HCI System ? [4 Marks]
- Q. 18** Discuss the concept of designing of diversity. [4 Marks]