



KEEPING MOBILE PHONE/SMART WATCH, EVEN IN 'OFF' POSITION, IS EXAM MALPRACTICE

PART – A (8 X 5 = 40 Marks)

Answer ALL Questions

1. Illustrate the basic activities and three characteristics of the interactive design.
2. Compare and Contrast on Short and Long term memory with a suitable example.
3. Neatly sketch the Hierarchical Task Analysis Diagram for the Library Management System with proper decomposition of levels.
4. Explain Storyboarding and its efficiency with a real time example.
5. Explain the use of model human processor in detail.
6. List Shneiderman's eight golden rules and explain each with relevant example.
7. Compare and contrast Augmented and Virtual Reality.
8. Compare the advantages and improvements from past to the present and present to the future system of Human computer interaction.

PART – B (6 X 10 = 60 Marks)

Answer any SIX Questions

9. Discuss on the different types of Life Cycle model in detail. Identify the suitable Life cycle model for Hospital Management System and justify the same.
10. Online Mobile Recharge is a web-based application developed to recharge mobile phones. It focuses at providing an easy and reliable platform to recharge mobile of any telecommunication company through online without buying recharge card. The registered users of the system can recharge their prepaid mobile phones from anywhere at any time. It is developed to automate the mobile recharging process. It roots out the manual card system of recharge and introduces a new and genuine online recharge process. The online mobile recharge system is beneficial to both the admins and users. Using the online application, the admin can add new operators, tariff plans, offers and update or modify the existing tariff plans. It helps the users in creating their account and then recharging the mobiles phones at any time. List out the requirements clearly and design a use case diagram for the above scenario.
11. Hotel management application allows the hotel manager to handle all hotel activities in his android phone. Interactive GUI and the ability to manage various hotel bookings and rooms from an android phone make this hotel management system very flexible and convenient. The hotel manager is a very busy person and does not have the time to sit and manage the entire thing by sitting before a single computer all the time. This application gives him the power and flexibility to manage the entire system from a single android phone. This android application provides room booking, staff management and other necessary hotel management features and gives a complete portable hotel management solution. Design the transition of states for the above scenario and explain the flow of events in detail.
12. Illustrate Nielsen's ten heuristics with a proper example and justification for each stages.
13. Explain various modes of communication in detail.
14. Illustrate on the different types of testing in detail.
15. a) Give a short description of the GOMS model.
b) Create a GOMS model of the activity of adding Cheers<cr> Frank signature to the mail. Using Key

