BALASORE SCHOOL OF ENGINEERING

MODEL QUESTIONS

Sub:-SOFTWARE ENGINEERING(TH-3)   F.M-80   SEM-5TH Branch-CSE

Group-A(Each carry two marks)

Answer any ten   (10*2=20)

1. What is activity network and whyit is used?
2. Why is the SRS document also known as black-box specification of a system ?
3. What is debugging ?
4. Define software reliability and quality ?
5. What does feasibility mean in software engineering ?
6. Define risk?
7. Explain DFD ? Why it is used ?
8. Define SRS?
9. Define Ganttchart and & pert chart?
10. What is LOC and why it is used ?
11. Differentiate between software engineering & system engineering?
12. Define scheduling?
13. What is Data dictionary & Data definition ?
14. Define system testing? What are different type of system testing?
15. Define code review?

Group-B(Each carry five marks)

Answer any six   (6*5=30)

1. What is life cycle model ? Explain the evolutionary model of software development?
2. How the size of the software project is estimated by function point method and LOC method discuss ?
3. What are the advantages of ODD? What are ODD goodness criteria?
4. Briefly explain about different types of cohesion and coupling?
5. What is SRS ? Explain the characteristics of good SRS documentation?
6. Describe the characteristics of a good user interface.
7. Difference between GUI V/S Text based user interface?
8. Explain about different integration testing?
9. Compare the characteristics of function oriented design and object oriented design ?
10. What is good software design ? Briefly describe its characteristics?

Group-C(Each carry ten marks)

Answer any three   **(3*10=20)**

1. Describe briefly about unit testing concept?
2. What is ISO9000 certification ? Describe the process how to get it ?
3. Explain briefly about COCOMO?
4. Define DFD. Explain different level of DFD with example ? Describe the shortcoming of DFD model ?
5. What is prototype? Under what circumstances is it beneficial to construct a prototype? Describe the prototyping model of software development?