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Roll No. 170855/120855/1030855

5th Sem. /Trade-Computer Engg.
Subject : SOFTWARE ENGINEERING

Time : 3 Hrs. M.M. : 100

SECTION-A

Note:Objective type questions. All questions are compulsory. (10x1=10)

- Q.1 System are created to solve-----
(problem/software). (CO1)
- Q.2 Requirement engineering is the process of
understanding the customers..... (CO4)
- Q.3 Why we use decision table? (CO5)
- Q.4 What is User Manual? (CO1)
- Q.5 Explain the term beta testing? (CO6)
- Q.6 What does level 0 DFD represent? (CO5)
- Q.7 Software design of a project act as
.....between problem domain and
solution domain (bridge/gap/) (CO2)

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- Q.8 Input, processing and output are the common
components of every system. (T/F) (CO3)
- Q.9 Explain the term test plan? (CO4)
- Q.10 Describe the full form of SCM? (CO6)

SECTION-B

Note:Very Short answer type questions. Attempt any
ten questions out of twelve questions(10x2=20)

- Q.11 What is software engineering? (CO1)
- Q.12 Explain the use of decision table? (CO5)
- Q.13 When we do regression testing? (CO6)
- Q.14 What is system software? (CO1)
- Q.15 List out some design constraint ? (CO5)
- Q.16 Explain the term prototype? (CO4)
- Q.17 Define data dictionaries? (CO5)
- Q.18 What is the difference between program and
software? (CO1)
- Q.19 Why we use object oriented design? (CO5)

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Q.20 Explain umbrella activities of software process?
(CO4)

Q.21 List some benefit of modular design? (CO5)

Q.22 What is ERD? (CO5)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

Q.23 Name some basic components of SRS ? (CO4)

Q.24 What is a decision table? Explain it in detail ?
(CO5)

Q.25 Differentiate between the open system and close system. (CO1)

Q.26 What is system testing? Explain various type of system testing. (CO6)

Q.27 What is software configuration management in detail? (CO6)

Q.28 List principle of a software design? (CO5)

Q.29 Explain Spiral model? (CO2)

Q.30 What are Gantt chart? How they are helpful as well? (CO1)

Q.31 Explain the Project Size Estimation technique? (CO3)

Q.32 What is planning? Explain various activities involved during project planning? (CO3)

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four question. (3x10=30)

Q.33 Write short note on software failure, Black box testing White Box testing and Stress testing?
(CO6)

Q.34 Explain Waterfall model in detail with its limitations and benefits? (CO2)

Q.35 What are the characteristics and feature of Good software design? (CO5)

Q.36 Briefly explain the process of Requirement Analysis? What are the activities involved in it ?
(CO4)

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