

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted from the academic year 2004 – 05 & thereafter)

SUBJECT CODE:DC/21/SE

PGDCS EXAMINATION, APRIL 2007

SECOND SEMESTER

COURSE : MAJOR CORE
PAPER : SOFTWARE ENGINEERING
TIME : 3 HOURS

MAX. MARKS : 100

SECTION – A

I CHOOSE THE CORRECT ANSWER:

(20 X 1 = 20)

1. RAD stands for
 - a) Rapid Application developer
 - b) Rapid Application development
 - c) Rapid analytical development
 - d) none
2. CMMI stands for
 - a) Common Mean Model Integration
 - b) Capability Mean Model Integration
 - c) Capability Maturity Model Integration
 - d) Common Maturity Model Integration
3. _____ is widely in function oriented metrics
 - a) function points
 - b) Loc
 - c) number of inputs
 - d) none of the above.
4. Risk projection also called as
 - a) Risk production
 - b) Risk estimation
 - c) Critical estimation
 - d) normal estimation
5. Time line chart is also called as
 - a) Gantt chart
 - b) Bohemnn chart
 - c) Fred Brooks chart
 - d) none of the above
6. QFD stands for
 - a) Quality Function Deployment
 - b) Quality Function Deployment
 - c) Queue Function Development
 - d) Quality function Development
7. _____ is the specification of the number of occurrences of one object that can be related to the number of occurrences of another object.
 - a) Cardinality
 - b) Modularity
 - c) data modeling
 - d) none of the above.
8. Project planning includes the following
 - a) cost
 - b) duration
 - c) people involved
 - d) all of the above
9. CSPEC stands for
 - a) control specification
 - b) process specification
 - c) common specification
 - d) clueless specification
10. The changes that are encountered during maintenance phase are
 - a) correction
 - b) enhancement
 - c) adaptation
 - d) all of the above.

II FILL IN THE BLANKS:

11. _____ are the beliefs about software and the process used to build it.

12. _____ and _____ are two project scheduling methods
13. RMMM stands for _____
14. _____ is one of the important element of system engineering.
15. _____ is used to test the smallest unit of software design.

III SAY TRUE OR FALSE:

16. Software engineering is a layered process.
17. Content testing uncover errors in content
18. COCOMO stands for controlled constructive model.
19. All errors are found during risk management.
20. LOC stands for lines of control

SECTION – B

ANSWER ANY 8 OF THE FOLLOWING:

(8 X 5 = 40)

21. Discuss about software myths.
22. Explain about incremental model.
23. What are the factors used to identify risk.
24. How do you track the progress of a project.
25. Discuss about the task table
26. Discuss about change control
27. Explain system engineering hierarchy.
28. Explain about Human resource and reusable software resource.
29. Explain the design of object oriented system.
30. Explain the metrics for object oriented model.

SECTION – C

ANSWER ANY 4 OF THE FOLLOWING:

(4 X 10= 40)

31. Discuss about any two software process model.
32. Explain in detail about RMMM.
33. What are the metrics involved in software process.
34. Explain about object oriented concepts.
35. Discuss the role of version control
36. Discuss in detail about ERP.
