
ANSWER ANY FIVE QUESTIONS ALL QUESTIONS CARRY EQUAL MARKS

1. (a) What are the risks in the waterfall model implemented in the traditional way?
(b) How can these risks be eliminated to a large extent ? still practicing the waterfall model?
2. (a) Why does software not give as much returns on investment as other industries?
(b) What are the ways of achieving better economics in Software?
3. (a) How will an activity network help in deciding the skills and number of people required during different phases of the project?
(b) Justify the dividing of the four phases of SW lifecycle into engineering and production stages.
4. (a) What are the seven workflows in the lifecycle?
(b) What levels of activity take place in these workflows during each of the four phases (Inception, elaboration, construction and transition)
5. (a) What are the steps in identifying project roles? Name any five 5 project roles and the skills needed for them.
(b) What are the benefits of matching people to roles?
6. (a) What are the four component teams in a default Project organization and their responsibility?
(b) How does the emphasis in the four teams evolve over the course of the entire project?
7. (a) What are the W5H questions to be answered for a SW measure?
(b) Name metrics for reliability, SW cost, effort, SW complexity with examples.
8. What were metrics collected in CCPDS-R? What is the purpose of each metric?