1. Attempt *any two* of the following. 10

a. What are the factors that can be abstracted with software economics? Explain in detail.

b. What is customization of component & compare them with commercial components?

c. How do we partition the process perspectives? Explain them in brief.

d. Compare the three generations of software development.

2. Attempt *any two* of the following. 10

a. "Management set artifacts associated with process planning & execution"- justify the statement.

b. Write a short note on test artifacts.

c. Explain the technical perspective of software architecture.

d. Why do we call the requirements set the primary engineering content? Explain.

3. Attempt *any two* of the following. 10

a. Write a short note on realistic planning.

b. How do you classify the joint management reviews? Explain about minor milestones in detail.

c. Explain the concept of iteration workflow in detail.

d. How to create a tailor-made WBS? Discuss the ways and means.

4. Attempt *any two* of the following. 10

a. Explain about Project Software Standard.

b. What are the key points that software architecture team should focus on? Explain their roles, artifacts, and responsibilities.

c. Why is the process to be automated? Explain the reasons and the three levels of automation.

d. Why are the tools considered as the core components in the process automation? Explain.

5. Attempt *any two* of the following. 10

a. Explain the three management indicators' metrics in detail.

b. Write a short note on pragmatic software metrics.

c. Enlist the factors of tailoring a software process framework. Explain any of the 4 factors in detail.
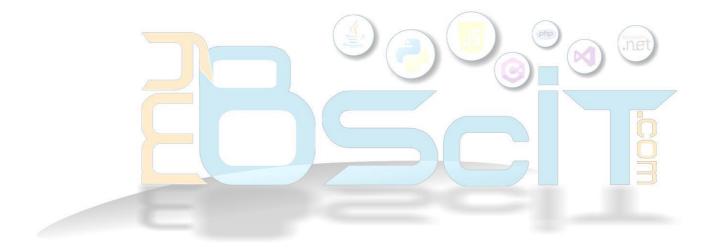
d. Explain about small scale and large scale projects.

6. Attempt *any two* of the following. 10

a. Enlist the various principles of modern project management.

b. Explain the best practices listed it out by "Airline Software Council".

c. Analyze the future perspective of cost estimation model.

d. Write a short note on the process of denouement.

7. Attempt *any three* **of the following.**   **15**

a. "Late design & integration is one of the biggest drawbacks of waterfall model"- Explain the statement.

b. Write a short note on pragmatic artifacts.

c. Explain the 2 perspectives through which project plans need to be derived.

d. Explain the nature of project team members and their profiles.

e. Explain the two dimensions of process discriminate with neat diagram.

f. Explain the basic difference between problem spaces Vs. Solution space with respect to software cost model.