Answer the following questions briefly. Each of 2 or 3 marks.

1. Differentiate between effort and duration in the context of software projects.
2. Define the software project metrics variance and cost performance index.
3. List key benefits of software project automation.
4. How to make change succeed in software development organizations?
5. What is the significance of project transparency?
6. List key best practices for managing software project teams.
7. How could we make sure that our software projects succeed?
8. Define – SOW, Risk Plan.
9. What is the significance of assumptions in making project estimates more accurate?
10. As a project manager, what type of information will you consider significant for your project's vision and scope documents?
11. What is the role of RFP in making software projects successful?
12. Why kick-off meetings play a vital role in Wide-band Delphi estimation?
13. What type of graphs are used in estimation sessions to reach a consensus in Delphi estimation?
14. What is proxy-based estimation?
15. Summarise key lessons from the Fujitsu case study?

Visualise following concepts using suitable diagrams. Each 5 marks.

1. JIRA concepts of project, issues, and sub-tasks.
2. Flowchart for preparing Work breakdown structure.
3. Activity diagram to compute critical path on the PERT chart.

Problems from PERT (type similar to that in class test), Gantt charts, FP computation, etc. topics as discussed in class.