**UNIT-III**

**ACTIVITY PLANNING**

**SESSION INPUTS**

**SESSION – 1**

**Web link –** [**www.notesengine.com**](http://www.notesengine.com)

**Content: Recap: Unit-2**

**Methodology: Quiz**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from Today’s topic
* Time duration for answering is 5 seconds
* Finally the winning team will be appreciated.
* Sample questions are

1. Define project evaluation.
2. List out different level of estimation.
3. Tell the need of project evaluation.
4. Who will evaluate the project?
5. When project evaluation is needed?
6. Define strategic assessment.
7. Tell the types of strategic assessment.
8. Define portfolio management.
9. Explain program management.
10. Explain key aspect of portfolio management.
11. List out the advantages of cost benefit analysis.
12. Define cost benefit analysis.
13. Explain the categories of cost benefit analysis.
14. Explain how to analyze cost benefit.
15. Define risk.
16. Define risk evaluation.
17. Explain risk identification and ranking.
18. Explain risk and net present value.
19. Define risk profile analysis.
20. Explain using of decision trees.

**Content: Introduction and objectives of Activity planning**

**Methodology: Presentation**

* We can ask learners to list out their ideas about Activity planning.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic using PPT presentation.

**Content: Example**

**Methodology: Board activity**

* We can call learners to write example for activity planning and we make them to explain.
* The learner will be appreciated by all the learners.

**SESSION - 2**

**Content: project schedule**

**Methodology: Presentation**

* We can ask learners to list out their ideas about Project schedule.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic using PPT presentation.

**Content: Example**

**Methodology: Board Activity (methodology changed)**

* We can call learners to write example for activity planning and we make them to explain.
* The learner will be appreciated by all the learners.
* Sample examples are

1. Analyze
2. Design
3. Coding
4. Gathering requirements
5. Duration
6. implementation

**Content: Conclusion**

**Methodology: Questions and answers**

* We can divide the learners into three groups namely A, B and C.
* We can give keywords from today’s topic
* Time duration for answering is 5 seconds
* Finally the winning team will be appreciated.
* Sample questions are

1. Define project.
2. List the steps to be followed for project schedule.
3. Mention the advantages of project scheduling.
4. Explain ideal activity plan.

**SESSION – 3**

**Web link - -** [**www.notesengine.com**](http://www.notesengine.com)

**Content: Sequencing and Scheduling Activities**

**Methodology: Presentation**

* We can ask learners to list out their ideas about Sequencing and scheduling activities.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic.

**Content: Example**

**Methodology: Board Activity**

* We can call learners to write example for Scheduling Activities and we make them to explain.
* The learner will be appreciated by all the learners.

**Content: Conclusion**

**Methodology: Question and answer**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic
* Time duration for answering is 5 seconds
* Finally the winning team will be appreciated.
* Sample questions are

1. Define activities.
2. List out the approaches for identifying activities.
3. Define activity based approach.
4. Define product based approach.
5. Define hybrid approach.
6. Define scheduling activities.
7. Draw the bar chart for scheduling activities.

**SESSION – 4**

**Web link -** <http://www.csetube.in/2/post/2012/12/software-project-management-spm-it-73-it2403-bob-hughes-and-mike-cotterell-tata-mcgraw-hill-book-updated.html>

**Content: Network planning model**

**Methodology: Presentation**

* We can ask learners to list out their ideas about Network planning model.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic.

**Content: Example**

**Methodology: Presentation**

* We can ask learners to list out their examples about network planning model.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic.

**SESSION – 5**

**Web link -** <http://www.csetube.in/2/post/2012/12/software-project-management-spm-it-73-it2403-bob-hughes-and-mike-cotterell-tata-mcgraw-hill-book-updated.html>

**Content: Dummy Activities, characteristics and critical path in S/W Company**

**Methodology: Presentation**

* We can ask learners to list out their ideas about dummy activities, characteristics and critical path in s/w company.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic.

**Content: Example**

**Methodology: Demo**

* We can show demo for dummy activities, critical path in s/w Company.

**Content: Conclusion**

**Methodology: Question and answer**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic
* Time duration for answering is 5 seconds
* Finally the winning team will be appreciated.
* Sample questions are

1. Define dummy activities.
2. List out the advantages of dummy activities.
3. Tell the use of dummy activities.
4. Explain how dummy activity works.

**SESSION – 6**

**Web link –** [**www.csetube.in**](http://www.csetube.in)

**Content: Forward pass and rules for forward pass**

**Methodology: Presentation**

* We can ask learners to list out their ideas about Forward pass and rules for forward pass.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic using PPT presentation.

**Content: Example**

**Methodology: Brain storming (Activity changed)**

* We can divide the learners into three groups namely A, B and C.
* Three teams are brainstormed to tell suitable example for forward pass.
* Duration is 2 minutes.
* Students are asked to explain their example.
* Finally the winning team, who gave best example, will be appreciated by all the team and faculty.

**Content: Conclusion**

**Methodology: Questions and Answers**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic
* Time duration for answering is 5 seconds
* Finally the winning team will be appreciated.
* Sample questions are

1. Define forward pass.
2. List the advantages of forward pass.
3. List the steps to be followed for forward pass.
4. Draw precedence network for project specification using forward pass..

**SESSION – 7**

**Web link - [www.csetube.in](http://www.csetube.in)**

**Content: Backward pass and identifying critical path**

**Methodology: Presentation**

* We can ask learners to list out their ideas about Backward pass and identifying critical path.
* From the learners input, we can tell them which are necessary to that topic.
* We can give explanation about that topic using PPT presentation.

**Content: Conclusion**

**Methodology: Question and answer**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic.
* Time duration for answering is 5 seconds.
* Finally the winning team will be appreciated.
* Sample questions are

1. Draw the typical product life cycle cash flow.
2. Define cash flow forecasting.
3. List the importance of cash flow forecasting.
4. List the difficulty of cash flow forecasting.

**SESSION – 8**

**Web link –** [**www.notesengine.com**](http://www.notesengine.com)

**Content: Identifying project activities**

**Methodology: Presentation**

* We can ask learners to list out their ideas about Identifying project activities.
* From the learners input we can tell them which are necessary to that topic.
* We can give explanation about that topic using PPT presentation.

**Content: Example**

**Methodology: Demo**

* We can show demo for identifying project activities.

**Content: Conclusion**

**Methodology: Question and Answer**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic.
* Time duration for answering is 5 seconds.
* Finally the winning team will be appreciated.
* Sample questions are

1. Define project activities.
2. Tell how to identify project activities.
3. Explain identifying project activities.
4. List out the advantages of identifying project activities.

**SESSION – 9**

**Web link –** [**www.notesengine.com**](http://www.notesengine.com)

**Content: Risk management & Activity standard deviation**

**Methodology: Presentation**

* We can call learners to write points about types of Risk management.
* The learner will be appreciated by all the learners.
* We can explain the topic “Risk management” & “Activity standard deviation using PPT presentation.

**Content: Example**

**Methodology: group Activity (methodology changed)**

* We can divide the learners into three groups namely A, B and C.
* We can give today’s topic and make learners to prepare points given by the staff.
* We can give 10 minutes time.
* Finally one learner form each team will stand and explain their ideas.
* Finally the winning team will be appreciated who gave best points.
* From the learners point we can present our topic using PPT.

**Content: Conclusion**

**Methodology: Question and Answer**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic.
* Time duration for answering is 5 seconds.
* Finally the winning team will be appreciated.
* Sample questions are

1. Define risk.
2. Define risk evaluation.
3. Define risk management.
4. Define activity standard deviation.

**SESSION – 10 Risk Palanning & control**

**Content: Recap – Risk management**

**Methodology: Quiz**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic.
* Time duration for answering is 5 seconds.
* Finally the winning team will be appreciated.
* Sample questions are

1. Define risk.
2. List the advantages of risk management.
3. Where risk management is needed?
4. Define risk evaluation.
5. Define risk management.
6. Define activity standard deviation.

**Web link –** [**www.notesengine.com**](http://www.notesengine.com)

**Content: Risk planning and control**

**Methodology: Presentation**

* We can call learners to write points about types of Risk planning and control.
* The learner will be appreciated by all the learners.
* We can explain the topic “Risk planning and control” using PPT presentation.

**Content: Conclusion**

**Methodology: Question and Answer**

* We can divide the learners into three groups namely A, B and C.
* We can ask questions from today’s topic.
* Time duration for answering is 5 seconds.
* Finally the winning team will be appreciated.
* Sample questions are

1. Define risk planning.
2. Define risk control.
3. List the advantages of risk planning.
4. List the advantages of risk control.