

## **Agile Methods Lecture 4**

1- \_\_\_\_\_ is someone who is responsible for overseeing all relevant tasks.

- a- Product owner
- b- Project manager
- c- IT support
- d- None

Answer : b.

2- A good and fast project would be cheap.

- a- True
- b- False

Answer : b .

3- A good and cheap project won't be fast.

- a- True
- b- False

Answer : a.

4- System development projects tend to be static and easy.

- a- True
- b- False

Answer : a.

5- \_\_\_\_\_ is an interactive element for a project.

- a- Cost
- b- Scope
- c- Time
- d- All above

Answer : d.

6- The challenge for any project is to find the optimal balance among the project triangle factors.

- a- True
- b- False

Answer : a , note " the factors are scope , time and cost "

7-Projects managers performs \_\_\_\_\_.

- a- Planning
- b- Scheduling
- c- Monitoring
- d- Reporting
- e- All above

Answer : e.

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8- \_\_\_\_\_ , is identifying all project tasks.

- a- Planning
- b- Scheduling
- c- Monitoring
- d- Reporting

Answer : a.

9- \_\_\_\_\_ , is the creation of a specific timetable , such as Gantt ,PERT/CPM charts.

- a- Planning
- b- Scheduling
- c- Monitoring
- d- Reporting

Answer : b.

10-\_\_\_\_ , includes regular progress reports to managements , users and the project team itself.

- a- Planning
- b- Scheduling
- c- Monitoring
- d- Reporting

Answer : d.

11- Monitoring , refers to guiding , supervising and coordinating the project team's workload.

- a- True
- b- False

Answer : a.

12-a \_\_\_\_\_ involves breaking a project down into series of smaller tasks.

- a- Decomposing
- b- Breaking down
- c- Work breakdown structure (WBS)
- d- None

Answer : c.

13-A Gannt chart is a vertical bar chart that represents a set of tasks.

- a- True
- b- False

Answer : b . explanation “ its horizontal ”.

14-Gannt chart basically lists tasks to be performed on the vertical axis and time intervals on the horizontal axis.

- a- True
- b- False

Answer : a.

Note “ remember in Physics , always the time is Horizontal axis ”

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15- \_\_\_\_\_ is a bottom-up technique because it analyzes a large , complex project as a series of individual tasks.

- a- Gantt Chart
- b- PERT/CPM chart
- c- OKR
- d- None

Answer : b.

Note “ Microsoft called this chart a Network diagram , I mean they've got a point to name it “

16-\_\_\_\_\_ is any work that has a beginning and an end and requires the use of company resources such as people, time or money .

- a- Task
- b- Activity
- c- Event
- d- Milestone
- e- A & b
- f- C & d

Answer : e

17- \_\_\_\_\_ is a recognizable reference point that can be used to monitor progress.

- a- Task
- b- Activity
- c- Event
- d- Milestone
- e- A & b
- f- C & d

Answer : f.

18- While listing the tasks at which phase do we list the tasks at a table to go to the next step of time estimation ?

- a- First
- b- Last
- c- Any phase
- d- None

Answer : b .

19- Estimate the task of B = 5 , P = 10 , W = 15 “Those the weights”

- a- 5
- b- 10
- c- 15
- d- None

Answer : b , the formula  $(B+4P+W)/6$  , B = best case , P=Probable case , W= Worst case .

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20-Which factor affects the duration of project ?

- a- Project size
- b- Human resources
- c- Experience with similar projects
- d- All above

Answer : d.

21- Tasks in work breakdown structure must be arranged in a logical sequence called a \_\_\_\_.

- a- Pattern
- b- Task pattern
- c- Both
- d- None

Answer : b .

22-Task patterns can involve \_\_\_\_.

- a- Dependent tasks
- b- Multi successor tasks
- c- Multi predecessor tasks
- d- All above

Answer : d .

23-In PERT/CPM charts , project tasks are shown in \_\_\_\_.

- a- Circles
- b- Rectangular boxes
- c- Square boxes
- d- None

Answer : b.

24- A network diagram Is a complex task pattern with multiple patterns and incomplete.

- a- True
- b- False

Answer : b. Note “ a Network diagram is a complete complex task pattern for a project ”

25- \_\_\_\_ is a chain of multiple patterns.

- a- Easy pattern
- b- Complex pattern
- c- None
- d- Both

Answer : b.

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26-a \_\_\_\_ is a review of a project team member's work by other members of the team .

- a- Code walk through
- b- Structured walk-through
- c- Both
- d- None

Answer : b.

27- The structured walk through at the implementation phase is called \_\_\_\_ .

- a- Design review
- b- Code review
- c- Testing review
- d- None

Answer : b.

28-A daily SCRUM practice which is an important practice of agile development \_\_\_\_.

- a- Weekly meeting
- b- Standup meeting
- c- Sitdown meeting
- d- None

Answer : b. note " it's held for about 15 min "

29- \_\_\_\_ , is the process of identifying , analyzing ,anticipating and monitoring risks to minimize their impact on the project .

- a- Planning
- b- Risk management
- c- Scheduling
- d- None

Answer : b.

30- The first step in risk management is to develop a specific plan.

- a- True
- b- False

Answer : a.

31-\_\_\_\_ : the analyst lists each risk and assesses the likelihood that it could affect the project.

- a- Risk taking
- b- Risk identification
- c- Risk engaging
- d- None

Answer : b.

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32- \_\_\_\_\_ , evaluates each risk by estimating the likelihood or probability that it will occur and the degree of impact .

- a- Quantitative risk analysis
- b- Qualitative risk analysis
- c- None
- d- Both

Answer : b .

33-The purpose of \_\_\_\_\_ is to understand the actual impact in terms of dollar , time and quality .

- a- Quantitative risk analysis
- b- Qualitative risk analysis
- c- None
- d- Both

Answer : a.

34- Adding more people to a project actually might increase the time necessary to complete the project because of a principle called “ Brooks' Law”

- a- True
- b- False

Answer : a.

“ Thank you , keeeeep up “