1. True / False Questions (30 pts) Ideal days are intuitive to understand, but harder to estimate.
 False
 As time goes on, legacy software may become faulty. Therefore the control of the control wear out.

False

Palse

For Scrum, product backlog is arranged in an order that large item small items are at the bottom.

Fue

False

True

False The spiral model is a realistic approach to the development of large-scale In agile development, the team harmony and unity are important. Even the ma False The Unified Process phases always proceed in a sequence In agile software development, the team favors working software over the comprehensive documentation True 8) Code refactoring attempts to make the components more tightly coupled. Documentation is a part of software True False 10) Planning Poker is an effective approach used in agile planning and estimate. True

11) It is possible for a use case to have no actors

True False

12) A software process is a road map that helps you create a timely, high-quality result True False

13) As an important Agile process, Scrum welcomes any changes to be made during a

True 14) Work Breakdown Structure (WBS) will achieve the best results if you use two different approaches in combination, e.g., functional approach and product component, to organize and present your software project management plan (SPMP).

15) In Agile Estimation and Planning, relative estimate rewards team members for solving problems based on difficulty, not time spent

16) A good way to develop WBS is brainstorming, i.e., the top down approach.

17) Compared to document analysis, JAD is a better requirement elicitation approach digging out in-depth information.

True

choice?

the following scenarios makes the traditional Waterfall an appropriate as To develop a compiler for ANSI C language
b. To develop a shopping system to accommodate the COVID-19 requirements. To develop a payroll system for startup companies
c. To develop a payroll system for startup companies
c. To develop a payroll system for startup companies
c. Actor, Class, and Instance
b. Objects Modeling, Dynamic Modeling, and Functional Modeling
b. Object Modeling, Dynamic Modeling, and Functional Modeling
c. Generalization, Realization, and Association
c. Generalization, Realization, and Association
c. Generalization, Realization, and Association
solution for him would be to use s(n)
s. Storyboard
c. HIPO chart (hierarchy, input, process, output)
d. Use case

de Use case
e. Gantt chart
30) What is velocity in Agile planning and estimate?

-a. Units of work implemented per iteration (or sprint)
b. Units of work implemented per release
c. Number of user stories implemented per release
d. Number of user stories implemented per release
31) Which is true about lag time in project management?
a. Lead time is also called positive lag time

-b. Lag time moves the second task forward in time so that the tasks are further separated

c. Lag time moves the second task backward in time so that the two tasks

d. Lag time is also called positive lead time
32) During requirement elicitation, different people can provide conflicting information.
Combing this information and attempting to resolve differences in opinions or facts is usually very time consuming. Which of the following is the best choice for the integration of information?

Interview Questionnaire JAD

d. Document analysis

33) The agile principle of "Deliver working software frequently" helps with which of the following challenges of predictive model?

a. It helps eliminate changes b. It helps improve team's coherence 18) Meeting minutes should be released shortly after the meeting participants.

False

19) Like other process models, the spiral model ends when a release of the process models. The spiral model ends when a power of the process models are processed in Agile Estimation and Planning, effort and duration has be used interchangeably.

False 2. Multi-choice Questions (40 pts)

21) As time goes on, the failure rate of software increases with spikes. The primary

b. Cost

c. Side effects of changes d. Economy

22) An agile process is driven by

a. Customer descriptions of what is required (scenarios) b. Monetary incentives

c. Self-motivation and self-discipline

d. The development of technologies e. More explicit testing

23) What is the process flow where each process is followed by a single process and the last process gives a result and loops back to the first process?

a. Iterative process flow b. Linear process flow c. Parallel process flow

Evolutionary process flow

e. None of the above

24) Who estimates the effort to complete a product backlog item?

a. The Scrum development team after clarifying requirements

b. The most experienced people in the organization

c. The product owner, with the input from the Scrum development team

d. The Scrum master, with the input from the Scrum development team

25) During Sprint Execution, when are new Sprint tasks added?

a. When the Product Owner identifies a new task

b. Never. The Sprint tasks are fixed and decided during the Sprint planning

When the Scrum Master identifies a new task

As soon as possible after they are identified, unless they reflect a scope

change in the Sprint goals or committed product backlog items

e. When Scrum Master approves them 26) When modeling requirements, if a function in the original problem statement is to

complex, we can a. Use <<extend>> to present additional information

b. Use <<include>> for functional decomposition

34) The smallest maintain team stability

Was maintain team stability

Was maintain team stability

L. Was mount of work bracked in project management is

d. All of the above

Some of the above

Some of the above

All of the above

All of the above

Some of the above

All of the ab

The customer's view The developer's view

38) After refactoring a piece of code, we should a. Proceed to the next refactoring

Review the changes for the purpose of fault avoidance Re-run the test case related to the piece of code

d. Re-run all the test cases

39) The purpose of daily Scrum meeting is to

a. Address technical challenges b. Address managerial issues

Address maintenance issues

d. Identify possible issues that may prevent the project from moving for

40) Which Agile Value does the following principle align with: "Build projects around motivated individuals, give them the environment a they need and trust them to get the job done.

a. Responding to change over following a plan

b. Customer collaboration over contract negotiation Individuals and interactions over processes and tools

d. Working software over comprehensive documentation

