



Return

Missed Option - Incorrect

2

Which of the following is NOT one of the Reddin's management style:

- Integration style
- Rational style
- Commitment style
- Separation style





Return

Separation style

3

Which of the following violates Agile Manifesto (i.e. Agile over Non-agile)?



Contract negotiation over customer collaboration



Individuals and interactions over processes and tools



Working software over comprehensive documentation



Responding to change over following a plan

4





Return

Responding to change over following a plan

4

ISO 9126 measures “quality in use” as the extent to which users can achieve their goal. Quality in use is modeled in four characteristics. Which of the following is NOT one of those characteristics?

- Security
 - Satisfaction
 - Effectiveness





Return

Effectiveness

5

Who created COCOMO?



Boehm



McCall

Mintzberg

Norman





Return

Norman

6

What is the new accelerated effort?

- 110 Person-month
- 110,309 Person/month
- 58,800 Person/month



158 Person-Months





Return

7

Poker planning is used for:

- Waterfall Time estimation
- Project maintenance cost analysis



Evaluate impossible region in time estimation



Correct Answer: Agile Time estimation

- Agile Time estimation

8

Which of the following is not part of the 5 areas project manager should consider for “Project





Return

8

Which of the following is not part of the 5 areas project manager should consider for “Project Control”?

- Time
- Money
- Organization
- Employee status

9





Return

9

Which of the following is NOT considered as a phase in RUP:



Implementation



Construction

Transition

Inception

10





Return

10

Which of the following is not considered as a software evolution law:



Law of decreasingly complexity



- Law of invariant work rate
- Law of continuing change
- Law of program evolution

11





Return

Law of program evolution

11

Which of the following is not part of the 5 Scale Drivers used in COCOMO?

- Team Cohesion
- Project Schedule
- Process Maturity
- Precendendedness

12





Return

Precendencelessness

12

Which of the following is correct as it relates to “time boxing” in DSDM:



Time, Quality, Functionality

Correct Answer: Time, Resource, Functionality

- Time, Resource, Functionality
- Resource, Schedule, Quality
- People, Process, Product





Return

- People, Process, Product

13

What is the estimated “Effort”?

- 110 Person-Month



- 110.309 Person/Month

Correct Answer: 110 Person-Month

- 157 Person-Month

- 58,800 Person/Month



157 Person-Month

58,800 Person/Month

14

In the context of Software maintenance, “adapting to changing user requirements” is called:

Perfective maintenance

Corrective maintenance

Preventive maintenance



Adaptive maintenance

Correct Answer: Perfective maintenance





Return

15



In what year and by which institution the term “Software Engineering” first introduced:



1968 NATO



1982 FSDM



1970 US Air Force



1960 IBM

16

In the context of Configuration Management, “basic unit in configuration management is a logical





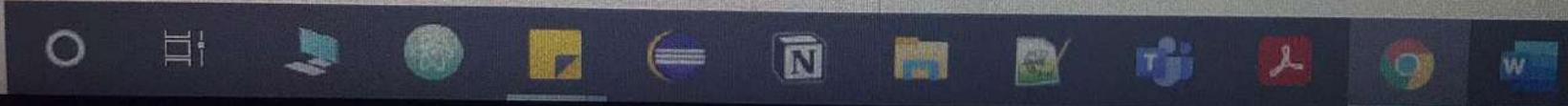
Return

16

In the context of Configuration Management, “basic unit in configuration management is a logical change” is referred to as:

- Change-oriented
 - Delta-oriented
 - Version-oriented
 - Update-oriented

17





Return

17



In the context of “Project Control”, the archetypical control situation when all certainties are high, is called:

- Design problem
- Allocation problem
- Exploration problem
- Realization problem



(no answer)

Correct Answer: Realization problem





Return

18



Considering the principles of Software Engineering *Ethics*, which of the following must be considered the top priority:



Public interest

Employer interest

Self interest

Client interest

19





Return

Client interest

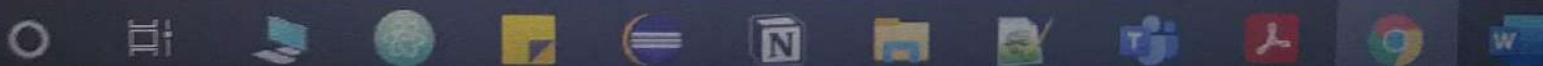


19

Which of the following is not valid as far as definition of Source Lines of Code (SLOC) goes:

- Declarations are counted as SLOC
- SOURCE lines are created by the project staff
- Comments are counted as SLOC
- Only source lines that are DELIVERED as part of the product are included

20





Return

- Only source lines that are DELIVERED as part of the product are included



20

What is the Average Staffing

- 10 people

- 7 people

- 14 people

- 12 people

21





Return

- 12 people



21

Which of the following is NOT a commonly accepted team organization structure:

Hierarchical organization

Chief programmer team



Triage team

Matrix organization

...





Return

- Matrix organization



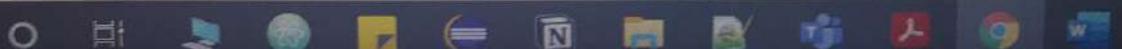
22

Which of the following statement is most accurate as it relates to ISO standards?

- ISO 9001 if for Process quality standards
- ISO 9001 is for Resource quality standards
- X None is correct

Correct Answer: ISO 9001 if for Process quality standards

- ISO 9126 is for Project quality standards





Return

Correct Answer: ISO 9001 is for Process quality standards

- ISO 9126 is for Project quality standards



23

Which of the following is NOT a valid level in the *Capability Maturity Model (CMM)*:

- Quantitatively managed level: data is gathered and analyzed routinely
- Standard level: there are standard processes
- Repeatable level: basic processes are in place
- Initial level: software development is ad-hoc





Return

24

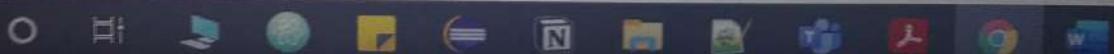
Which of the following is NOT part of the “Open Source Software Development” organization:

- Passive user
- Core team
- Beta team
- Active user



(no answer)

Correct Answer: Beta team





Return

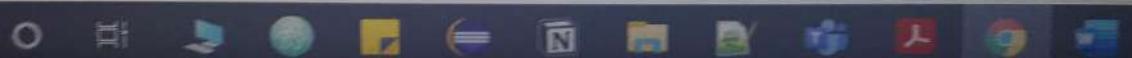
Correct Answer: Beta team



25

Which of the following is part of the "Cost Driver" category:

- Personnel factors
- Platform factors
- Product and project factors
- All of the above





Return

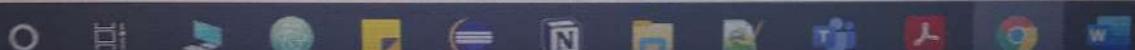


All of the above

26

What is "Closed loop Principle" (in data collection)?

- Adding manpower to a late project makes it later
- Result of data nalysis must be useful to supplier of data
- Collected data should only be used for its primary purpose
- Do not use data for employee evaluation





Return

- Do not use data for employee evaluation

27

What is the new accelerated duration?

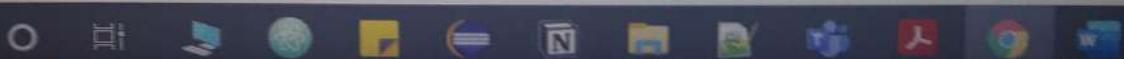
- 15 months



- 11 months

- 20 months

- 17 months





Return

- 17 months

28



Assume this project has a SE of 0.3, what is the Duration of this project?

- 10 months

- 17 months

- 20 months



- 15 months



Return



15 months



29

What is the new average staffing?

10 people

12 people

7 people



14 people



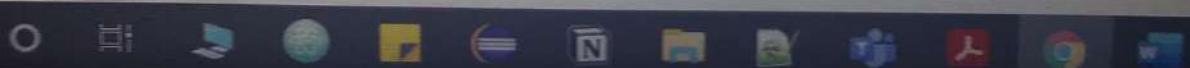


Ret

30

Which of the following is not a Mintzberg's principles of coordination mechanism:

- Machine bureaucracy
- Professional bureaucracy
- Direct supervision
- Worker democracy





Return

1

In the context of “Project Control”, the variable that cannot be controlled such as the experience of the user is referred to as:

Uncontrollable variable

Selected Answer - Incorrect

Goal variable

Regular variable

Irregular variable

Missed Option - Incorrect

