CS 4365 – Software Engineering II

Computer Science Department – Texas Tech University

Quiz #1, 18 Questions, Feb 7, 2020

Name: -------------------------

R#: ----------------------

Q1. One of the unique aspects of software development is that:

1. Software projects require highly skilled staff
2. Software projects become obsolete quickly
3. There is too much competition among the software companies
4. Software systems are intangible

A=d

Q2. One of the important testing Guidelines is to:

1. Derive test which accepts entire acceptable input
2. Derive test so that first, middle and last elements of the acceptable input are accessed
3. Derive test accepting input not in the acceptable inputs
4. All of the above

A=d

Q3. Which one is not an important success criterion for software project management?

1. Maintain a good software development team
2. Keep the cost within the budget
3. Perform collaboration with other Software organizations
4. Adhere to the planned time

A=c

Q4. Which factor does not influence the software size?

a) Operating system

b) Reused systems and components

c) Programming languages

d) Distribution system

(d)

Q5. . **One of the fields on a form contains a text box, which accepts numeric values in the range of 18 to 25. Identify an input from an invalid equivalence class.**

1. 17
2. 26
3. True
4. All of the above

(d)

Q6. Which of the followings is not a universal project management activity?

1. Updating the stakeholders
2. Planning project and assigning tasks to people
3. Monitoring risks and taking actions
4. Taking care of proper lightning and sitting arrangements of developers

(d)

Q7. Which one is correct strategy to deal with the risk of staff illness?

1. Remove the staff if the illness reappears in another project
2. Alert customer about the possible delay in the project
3. Reorganize the team to create an overlap of work
4. None of the above

(A=c)

Q8. Most commonly used schedule representation is:

1. Bar Chart
2. Sequence diagram
3. State Diagram
4. Program Activity Diagram

A=a

Q9. Which one of the followings is not an example of both project and product risks?

1. Requirement change
2. Specifications delay
3. Lack of CASE tool usage
4. Size under-estimation

A=c

Q10. Which one is not an instance of Source of Inputs?

1. Data typed by the user
2. Data received from network
3. Data obtained through Biometric System
4. Data returned by a function

A=d

Q11. Most common attribute for cost estimation is:

1. Lines of code
2. Numbers of hours worked to produce the software
3. Number of developers employed to produce the software
4. Complexity of problem

A=a

Q12. Which one of the followings is not an important task of risk management process?

1. Risk assessment
2. Creation of contingency plans
3. Keeping a prioritized risk list
4. None of the above

A=d

Q13.Which one of the followings is not an example of input event type?

1. Mouse movement
2. Closing of the computer
3. Clicking of Submit button on the web page
4. Moving of computer from one desk to another

(d)

Q14. Which of the following is not an example of input variable?

1. MenuSelection
2. StudentName
3. GradeLetter
4. BankAccountNumber

A = a

Q15. Identify the step of SDLC in which uncertainty in estimation is close to zero:

a) Feasibility study stage

b) Requirement elicitation stage

c) Designing stage

d) Delivery stage

**(d)**