CS490PM-2020-07E-07H ❯
↱ ☑ Tests & Quizzes

Tests & Quizzes

CS 490 Project Management and Development Final Exam

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Part 1 of 2 - **Mandatory Questions 90.0 / 100.0 Points**

This is mandatory for students - Final Exam.

Question 1 of 50 `2.0` 2.0 Points

Project risk should be identified and assessed prior to project initiation during the planning phase. Once the implementation starts, there is less time to objectively assess risk and select the more attractive alternatives. During the implementation there may be indications of risk (i.e., failure to meet the project's objectives) such as

- ✔ ◯ A. When a change is identified by the Development Team

- ✔ ◯ B. Instability of project progress information

- ✔ ◯ C. Conflict between the project manager and customer

- ✔ ◯ D. No Focus on the work by Developers

- ✔ ◯ E. All of the above

Answer Key: E

Feedback: All of the above

Question 2 of 50 `2.0` 2.0 Points

The process that is not part of time management below is:

- ✔ ○ A. Activity Definition

- ✔ ○ B. Resource Planning

- ✔ ○ C. Schedule Development

- ✔ ○ D. Activity Sequencing

Answer Key: B

Feedback: B. Resource Planning

Question 3 of 50 | 2.0 | 2.0 Points

A master schedule is developed for an executive presentation. All the information must be gathered below to complete the schedule except

- ✔ ○ A. Dates of major activities and individual tasks.

- ✔ ○ B. Summary level task budgets

- ✔ ○ C. Key milestones

- ✔ ○ D. Summary level task descriptions

- ✔ ○ E. All of the above except B

Answer Key: E

Feedback: E. All of the above except B

Question 4 of 50 | 2.0 | 2.0 Points

In a multi-cultural environment, it is critical to establish and manage a corporate culture that facilitates:

- ✔ ○ A. Problem-solving through different approaches.

- ✔ ○ B. Communication and Learning.

- ✔ ○ C. Partnerships, strong alliances and joint ventures.

- ✔ ○ D. Negotiations.

Answer Key: B

Feedback: B. Communication and Learning.

Question 5 of 50 [2.0]   2.0 Points

A Risk contingency plan is

- ✔ ○ A. A planned response that defines the steps to be taken if an identified risk event should occur

- ✔ ○ B. An unplanned response to a negative risk event.

- ✔ ○ C. A reserve used to allow for future situations which may be planned for only in part

- ✔ ○ D. A and C

Answer Key: A

Feedback: A. A planned response that defines the steps to be taken if an identified risk event should occur

Question 6 of 50 [2.0]   2.0 Points

Most quality problems

- ✔ ○ A. Originate in the quality department where the ultimate responsibility for quality rests

- ✔ ○ B. Originate on the project because of waste and product rework

- ✔ ○ C. Are the result of management's lack of attention to potential quality improvement ideas

- ✔ ○ D. Could be eliminated if team leads monitored their programmers more closely

Answer Key: C

Feedback: C. are the result of management's lack of attention to potential quality improvement ideas

Question 7 of 50 | 0.0 | 2.0 Points

Earned value is:

- ✖ ○ A. Actual cost of work performed.

- ✔ ○ B. Completed work value.

- ✔ ○ C. Budgeted cost of work delayed.

- ✔ ○ D. Additional cost to complete the remaining project.

Answer Key: B

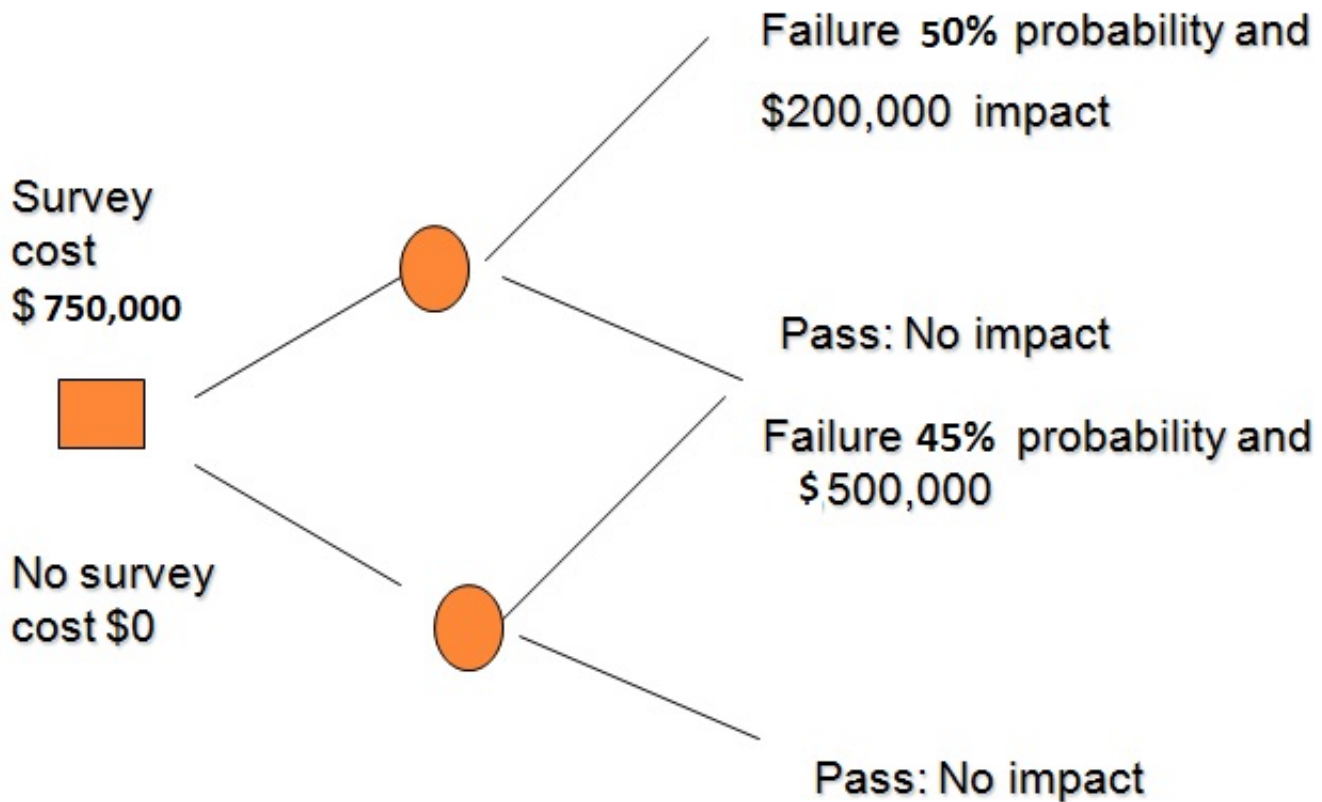Question 8 of 50 | 2.0 | 2.0 Points

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Another name of strategic planning is

- ✔ ○ A. Short term

- ✔ ○ B. Operational

- ✔ ○ C. Tactical

- ✔ ○ D. Top down

Answer Key: D

Feedback: D. Top down

Question 9 of 50 | 5.0 | 5.0 Points

Apple is planning to release new product into the market. They have to make a formal survey among all the existing customers using their products prior to start making their part. How can you deduce an expected value of your quantitative analysis whether to go for a survey or not? (Refer to the diagram Attached). Write your answer below **in detail with explanation**.

SURVEY = 50% * 200,000 = $100,000 + $750,000 = $850,000

NO SURVEY = 45% * 500,000 = $225,000

I will go for option of NO SURVEY.
The failure probability of both are close, however the impact differs. When Option 1 fails, there will be an impact of total $850,000
Option 2, it will only 45% * 500,000 = $225,000.So, I will go with the option of no survey at all.

Question 10 of 50 2.0   2.0 Points

The difference between a program and a project is that:

- ✔ ○ A. Program has many projects.

- ✔ ○ B. Project is typically longer than a program.

- ✔ ○ C. Program is another name for process

- ✔ ○ D. B and C

Answer Key: A

Feedback: A. Program has many projects.

Question 11 of 50 `4.0`   4.0 Points

What is the present value of US $250,000 received three years from now if the interest rate is expected to be 10%?

Present Value = future Value/(1+ Rate)^3
PV = 250,000/(1 + 0.1)^ 3
= 250,000/(1.1)^3
= 250,000/(1.33)
PV = 187,969.9248120301

Feedback:

Ans:
PV = 250000 (1 + 0.1)3
PV of 250,000 is

Question 12 of 50 `2.0`   2.0 Points

Characteristics of WBS is to

- ✔ ○ A. Manageable, Assignable, Independent, able to Integrate and Measurable.

- ✔ ○ B. Identify, Analyse, Measure, Track and control the project.

- ✔ ○ C. Simplify the Scope process in-order to achieve the goals.

- ✔ ○ D. Minimize the risk on the project and continue with the project implementation

Answer Key: A

Feedback: A. Manageable, Assignable, Independent, able to Integrate and Measurable

Question 13 of 50 2.0   2.0 Points

A Risk contingency plan is

- ✔ ○ A. A planned response that defines the steps to be taken if an identified risk event should occur

- ✔ ○ B. An unplanned response to a negative risk event.

- ✔ ○ C. A reserve used to allow for future situations which may be planned for only in part

- ✔ ○ D. Both A and C

Answer Key: A

Feedback: A. A planned response that defines the steps to be taken if an identified risk event should occur

Question 14 of 50 2.0   2.0 Points

Which of the following is considered to be not risk management?

- ✔ ○ A. Risk Identification

- ✔ ○ B. Risk Analysis

- ✔ ○ C. Risk Prototyping

- ✔ ○ D. Risk Mitigation

Answer Key: C

Feedback: C. Risk Prototyping

Question 15 of 50 `2.0`   2.0 Points

In a project, important factors are Scope, Cost, Time and Quality. What happens if the scope is increased and cost time remains constant?

- ✔ ○ A. A. Customer satisfaction will increase and the project team will get rewards.

- ✔ ○ B. B. Cost and Time will be stretched but the quality remains constant.

- ✔ ○ C. C. Quality will remain constant and project can be completed on time.

- ✔ ○ D. D. Cost and time will be increased and the quality will be tampered in such conditions

Answer Key: D

Feedback: D. Cost and time will be increased and the quality will be tampered in such conditions

Question 16 of 50 `2.0`   2.0 Points

One of the differences between WBS andSchedule is

- ✔ ○ A. WBS is prepared post Schedule and the FLOAT is calculated while preparing the WBS.

- ✔ ○ B. Staffing resources are assigned as the designation in the Schedule and the resource name must be assigned in the WBS .

- ✔ ○ C. Staffing resources are assigned as the designation in WBS and the resource name must be assigned in the Schedule.

- ✔ ○ D. All of the above.

Answer Key: C

Feedback: C. Staffing resources are assigned as the designation in WBS and the resource name must be assigned in the Schedule.

Question 17 of 50 `2.0`   2.0 Points

When should a risk be avoided?

- ✔ ○ A. When the risk event has a low probability of occurrence and low impact

- ✔ ○ B. When the risk event is unacceptable, generally one with a very high probability of occurrence and high impact

- ✔ ○ C. When it can be transferred by purchasing insurance

- ✔ ○ D. A risk event can never be avoided

- ✔ ○ E. None of the above.

Answer Key: B

Feedback: When the risk event is unacceptable, generally one with a very high probability of occurrence and high impact

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Question 18 of 50 `2.0`   2.0 Points

Most quality problems

- ✔ ○ A. Originate in the quality department where the ultimate responsibility for quality rests

- ✔ ○ B. Originate on the project because of waste and product rework

- ✔ ○ C. Are the result of management's lack of attention to potential quality improvement ideas

- ✔ ○ D. Could be eliminated if team leads monitored their programmers more closely

Answer Key: C

Feedback: C. are the result of management's lack of attention to potential quality improvement ideas

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Question 19 of 50 `0.0`   2.0 Points

A project planning methodology is any structured approach used to guide the project team during development of the project plan. What is an example of this methodology?

- ✔ ○ A. Standard forms or templates.

- ✗ ○ B. Upper management involvement

- ✔ ○ C. Functional work authorizations

- ✔ ○ D. Stakeholders skills

Answer Key: A

Question 20 of 50 | 2.0 | 2.0 Points

Which of the following processes is part of the Scope Management?

- ✔ ○ A. Scope Planning

- ✔ ○ B. Scope Definition

- ✔ ○ C. Scope Verification

- ✔ ○ D. Scope Change Control

- ✔ ○ E. All of the above

Answer Key: E

Feedback: E. All of the above

Question 21 of 50 | 6.0 | 6.0 Points

You are planning the upgrading of an existing product's functions. Your analysis has come up with the following. What is the cost reserve that you would use?
- 30% probability of a delay in developing the web services with a cost to project US $15,000.
- 20% probability that the developer's salaries will be US $100,000 cheaper than expected.
- 25% probability that external systems cause a problem costing an extra US $35,500.

• 25% probability of a design causing US $50,000 of rework.
• 30% probability that the UAT may be simpler than expected, saving US $12,500
• 50% probability that the data migration to production may require additional time resulting in additional cost of US $200,000

30% of $15000 = -$4500
20% of $100000= $20,000
25% of $35500=-$8875
25% of $50000=-$12500
30% of $12500 =$3750
50% of $200000=-$100000
Reserve cost is -$102,125
US $4,500 + US $8,875 + US $12,500 + US $100,000 = US $125,875

Feedback:

US $4,500 + US $8,875 + US $12,500 + US $100,000 = US $125,875

Question 22 of 50 | 2.0 | 2.0 Points

A WBS numbering system should allow project staff to:

- ✔ ○ A. Identify the level at which individual WBS elements are found

- ✔ ○ B. Estimate project completion dates

- ✔ ○ C. Identify configuration management milestones

- ✔ ○ D. Estimate the costs of WBS elements

Answer Key: A

Feedback: Identify the level at which individual WBS elements are found

Question 23 of 50 | 0.0 | 2.0 Points

The project Kick Off meeting should NOT have which of the following objectives?

The project Kick-Off meeting should NOT have which of the following objectives?

- ✖ ◯ A. Review project status

- ✔ ◯ B. Set team goals/objectives

- ✔ ◯ C. Defining final budgets & fixed costs

- ✔ ◯ D. Review formal project plans

Answer Key: C

Question 24 of 50 | 2.0 | 2.0 Points

A role of the change control board is to:

- ✔ ◯ A. Issue change requests

- ✔ ◯ B. Represent top management interests in initiating innovation

- ✔ ◯ C. Review the impact of change requests on project costs, schedule, and specifications

- ✔ ◯ D. Schedule changes into current project and current phase

- ✔ ◯ E. Identify new areas of project work

Answer Key: C

Feedback: C. review the impact of change requests on project costs, schedule, and specifications

Question 25 of 50 | 2.0 | 2.0 Points

The WBS is

- ✔ ◯ A. An organization oriented family tree of the project

- ✔ ◯ B. A task oriented family tree of the project

- ✔ ○ C. A cost center structure of the project

- ✔ ○ D. Only required on large complex projects where separately identifiable work packages are difficult to construct

Answer Key: B

Feedback: B. a task oriented family tree of the project

Question 26 of 50 2.0   2.0 Points

All organizations should be supportive of the performing organization's long term goals. These type of goals are beast described as

- ✔ ○ A. Operational

- ✔ ○ B. Tactical

- ✔ ○ C. Strategic

- ✔ ○ D. Qualitative.

Answer Key: C

Feedback: C. Strategic

Question 27 of 50 2.0   2.0 Points

Which of the following is Output from the Communications Planning process?

- ✔ ○ A. Project records

- ✔ ○ B. Communications management plan

- ✔ ○ C. Performance reports

- ✔ ○ D. Formal acceptance

Answer Key: B

Feedback: B. Communications management plan

Question 28 of 50 [0.0] 2.0 Points

When should risk identification be performed? (select best answer)

- ✖ ◯ A. During Concept Phase

- ✔ ◯ B. During Development Phase

- ✔ ◯ C. During Implementation Phase

- ✔ ◯ D. Risk identification should be performed on a regular basis throughout the project

Answer Key: D

Question 29 of 50 [2.0] 2.0 Points

One of the differences between WBS andSchedule is

- ✔ ◯ A. WBS is prepared post Schedule and the FLOAT is calculated while preparing the WBS.

- ✔ ◯ B. Staffing resources are assigned as the designation in the Schedule and the resource name must be assigned in the WBS .

- ✔ ◯ C. Staffing resources are assigned as the designation in WBS and the resource name must be assigned in the Schedule.

- ✔ ◯ D. All of the above.

Answer Key: C

Feedback: C. Staffing resources are assigned as the designation in WBS and the resource name must be assigned in the Schedule.

Question 30 of 50   2.0   2.0 Points

Which of the following is NOT critical action for project manager while preparing the scope management plan?

- ✔ ○ A. Scope Definition

- ✔ ○ B. Scope Statement

- ✔ ○ C. Scope on inventory details

- ✔ ○ D. Scope Details

Answer Key: C

Feedback: c. Scope on inventory details

Question 31 of 50   2.0   2.0 Points

Utilization of a Work Breakdown Structure

- ✔ ○ A. Assures all work is identified & Subdivides the project into manageable segments

- ✔ ○ B. Leads project team into a lot of confusion and gives room to Change Requests

- ✔ ○ C. provides the project sponsor with a time-phase (Schedule) task summary to estimate the cost

- ✔ ○ D. Both A and B

- ✔ ○ E. Both B and C

Answer Key: D

Question 32 of 50   2.0   2.0 Points

Quality Management includes all the tests below before the users sign off the acceptance document to send the project to the production except,

- ✔ ⭘ A. Unit Testing

- ✔ ⭘ B. System Testing

- ✔ ⭘ C. Integration Testing

- ✔ ⭘ D. Quality Assurance Testing

- ✔ ⭘ E. User Acceptance Testing

Answer Key: E

Feedback: E. User Acceptance Testing

Question 33 of 50 `2.0`   2.0 Points

The time necessary to complete a project is referred to as:

- ✔ ⭘ A. Implementation life time

- ✔ ⭘ B. Project Life Cycle

- ✔ ⭘ C. Operations cycle

- ✔ ⭘ D. Production cycle

Answer Key: B

Feedback: B. Project Life Cycle

Question 34 of 50 `11.0`   11.0 Points

- You have to build a system with 4 screens. Assume that each screen takes one day and costs $2000 to build. They are do be done one after the other. Today is end of day three.
- Using the project status chart attached, and answer the questions on the Table provided in the attahment.   Also interpret the answers which carries maximum grading for this question.

Note: Refer to the attachment. After completing the answers, re attach it.

[Matrix and Answer sheet.docx](#)   15 KB

Question 35 of 50 2.0   2.0 Points

In order for project managers to be effective, they must:

- ✔ ○ A. Continue to be actively involved in their technical field of expertise

- ✔ ○ B. Actively participate with other Management Personnel and Project Team in planning the project

- ✔ ○ C. Monitor and control all tasks of the project to the lowest level of the WBS

- ✔ ○ D. Control the functional manager's personnel on all project aspects

Answer Key: B

Feedback: B. Actively participate with other Management Personnel and Project Team in planning the project

Question 36 of 50 2.0   2.0 Points

The process of monitoring specific project results to determine if they comply with relevant quality standards is called:

- ✔ ○ A. Quality Assurance

- ✔ ○ B. Quality Control

- ✔ ○ C. Quality Planning

- ✔ ○ D. Quality Review

Answer Key: B

Feedback: B. Quality Control

Question 37 of 50 | 2.0 | 2.0 Points

Which of the following Project Scope Management processes involves subdividing the major project deliverables into smaller, more manageable components such as scope details?

- ✔ ○ A. Scope Planning

- ✔ ○ B. Initiation

- ✔ ○ C. Scope Change Control

- ✔ ○ D. Scope Definition or Scope Statement

- ✔ ○ E. None of the above

Answer Key: D

Feedback: Scope Definition or Scope Statement

Question 38 of 50 | 2.0 | 2.0 Points

Post Development of a Project, if Meets Specifications and Customer is Satisfied then

- ✔ ○ A. Need to Evaluate the project quality and need to Communicate with customers.

- ✔ ○ B. Need to Evaluate the project quality.

- ✔ ○ C. Need to Communicate with customers.

- ✔ ○ D. Need to Evaluate the project quality and need not Communicate with customers.

Answer Key: A

Feedback: Need to Evaluate the project quality and need to Communicate with customers.

Question 39 of 50 | 2.0 | 2.0 Points

Critical Path is

Critical Path is

- ✔ ○ A. Longest Path through a network diagram and determines the earliest completion of the project

- ✔ ○ B. Amount of time a task can be delayed without delaying the project

- ✔ ○ C. Shortest Path through a network diagram and determines the earliest completion of the project

- ✔ ○ D. A risky path, all the tasks on the path must be eliminated and continue developing the project

Answer Key: A

Feedback: A. Longest Path through a network diagram and determines the earliest completion of the project

Question 40 of 50 `2.0` 2.0 Points

What is project management? Define.

Project Planning is the process of initiating, planning, controlling, executing, and closing the tasks to achieve specific company goals within the allocated time and budget

Feedback:

Answer: Project management involves applying skills, knowledge, and established project management tools and techniques to your project to fulfill the requirements of the project to the customer's satisfaction.

Question 41 of 50 `0.0` 2.0 Points

Milestones established by the customer must be adhered to by:

- ✔ ○ A. Project Manager

- ✔ ○ B. Project Development Team

- ✖ ○ C. The Customer Service Manager

- ✔ ○ D. Both a and b

Answer Key: D

Part 2 of 2 - EC - April PM 2020 70.0 / 100.0 Points

This is not mandatory for students. Those who wants the EC must get at least 70% of the answers right.

Question 42 of 50 | 10.0 | 10.0 Points

A project that was originally estimated to cost 1 million. It is now half way done, and $ 2 M has been spent already. Now the committee has to decide whether to continue the project or not. Should they consider the fact that $2M has been spent already?

- ✔ ○ A. Yes. Sunk Costs should be considered for such a decision

- ✔ ○ B. No; Sunk Costs should never be considered for such a decision

- ✔ ○ C. Sunk Costs are very risky to any IT projects. Must be considered for such decisions

- ✔ ○ D. Sunk Costs are very risky to any IT projects. Must analyse and mitigate the risk and then take a decision.

Answer Key: B

Feedback: No; Sunk Costs should never be considered for such a decision

Question 43 of 50 | 10.0 | 10.0 Points

If there are 12 people, how many communication channels are possible? What is the best communication channel when you are working off-shore?

channels = n(n-1)/2
channels= 12(12-1)/2

channels= 6(11)
communications channels will be 66

Feedback:

If there are N people, then there are N(N-1)/2 communication channels possible

Question 44 of 50 0.0   20.0 Points

Find out the following from the attached diagram
1. Float
2. Critical Path
Take an example and find the following.
3. Free Float
4. Total Float
5. Project Float

Arrows represent tasks & Nodes represent task dependencies

Neetwork Diagram.docx   75 KB

Feedback:

Free Float : Amount of time a task can be delayed without delaying the early start date of its successor

Total Float : Amount of time a task can be delayed without delaying the project completion date

Project Float : Amount of time a project can be delayed without delaying the project completion date

Question 45 of 50 10.0   10.0 Points

what percent of communications is non-verbal in an IT project?

- ✔ ○ A. 25%

- ✔ ○ B. 35%

- ✔ ○ C. 45%

- ✔ ○ D. 55%

Answer Key: D

Feedback: 55%

Question 46 of 50 | 10.0 | 10.0 Points

Is it essential to stop the scope creep? If so what is the amicable way to stop the scope creep? Define.

1. Document the Requirements,
2. Set up Change Control Processes
3. Create a Clear Project Schedule,
4. Verify the Scope with the Stakeholders. and then
5,. Engage the Project Team

Question 47 of 50 | 0.0 | 10.0 Points

Find the error in the following basic code represents the declarative transaction management in Spring MVC.

```
package x.y.service;
public interface FooService {
Foo getFoo(String fooName);
Foo getFoo(String fooName, String barName);
Foo insertFoo(Foo foo);
void updateFoo(Foo foo);
}
void updateFoo(Foo foo);
```

 Feedback: void insertFoo(Foo foo);

Question 48 of 50 | 10.0 | 10.0 Points

What is the use of Hibernate transaction manager?

This transaction manager is appropriate for applications that use a single Hibernate SessionFactory for transnational data access, but it also supports direct DataSource access within a transaction
As an example JDBC code working with the same DataSource

Feedback: Hibernate transaction manager is used as a single Hibernate SessionFactory for transactional data access, which supports direct DataSource access within a transaction.

Question 49 of 50 10.0   10.0 Points

Define the communications management in IT projects?

communications management in IT projects is the component of the project. Through a communications management system the data is managed and transferred from origin to the development team, Communications management is the key to getting things done and every IT project must communicate during the project life cycle

Question 50 of 50 10.0   10.0 Points

Connect the Project Management Body of Knowledge areas to SCI points (at least 3) and express your scientific views.

the whole is greater than the sum of parties, in the project we might think that we are doing good but when we put together the project done and test every part together we get what the customer is looking for here i mean by UAT.

- Gateway
- Accessibility Information
- The Sakai Project
- 🛈

MUM Global Online Education 19.3

✖

Sat, 24 Oct 2020 11:24:13 CDT
Your Preferred Time:
Sat, 24 Oct 2020 12:24:13 EDT
Server:
Sakai4
Build Info:
RELEASE

- Powered by Sakai

Change Profile Picture

Error removing image
Error uploading image
Upload [Choose File] no file selected

| Save | Cancel | Connections ✖ | | Remove |

Search for people...

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| My Connections | Pending Connections |

You don't have any connnections yet. Search for people above to get started.

You have no pending connections.

←[Back to My Connections](#)

Search for people...

$({cmLoader.getString("connection_manager_no_results")}

[Done]