

- a) Risk avoidance
- b) Risk tranference
- c) Risk acceptance
- d) Risk mitigation

4. Match each element of risk reponse and its strategies:

CO4 [K₂]

List I	List II
A. Exploit	a) This strategy involves increasing the probability or positive impacts of an opportunity by focusing on its causes or drivers.
B. Enhance	b) This strategy involves partnering with another party who can best manage or take advantage of the opportunity for mutual benefit.
C. Escalate	c) This strategy involves assigning the risk or opportunity to a higher authority because it exceeds the project manager's control.
D. Share	d) This strategy involves ensuring that the opportunity is realized by eliminating any uncertainty about it, often through proactive actions.

- a) A – d, B – a, C – c, D - b
- b) A – a, B – b, C – c, D - d
- c) A – d, B – a, C – b, D - c
- d) A – a, B – c, C – b, D - d

5. Which of the following describes SWOT?

CO3 [K₂]

- a) An analysis of strengths, weakness, options, and timing
- b) An elite project team that comes in and fixes project risks and threats
- c) An analysis of strengths, weakness, opportunities, and threats
- d) Ratings of 1 to 100

6. A project manager and the project team are actively monitoring the pressure gauge on a piece of equipment. The engineer recommends a series of steps to be implemented should the pressure rise above 80 percent. What does the 80 percent mark represents?

CO2 [K₂]

- a) An upper control limit
- b) The threshold
- c) Mitigation
- d) A workaround

7. Assertion (A): The project manager is primarily responsible for initiating risk communication in a construction project.

CO4 [K₂]

Reason (R): The project manager possesses comprehensive knowledge of project goals, timelines, resources, and stakeholders, making them best suited to identify, assess, and communicate project risks effectively.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

8. What is fishbone diagram? CO3 [K₁]
- a) cause-and-effect diagrams b) Influence diagrams
- c) flowchart d) Prompt list
9. What is the purpose of using a RAG rating in risk assessment? CO5 [K₁]
- a) To identify project milestones b) To signify the risk score
- c) To allocate project resources d) To replace risk reports
10. What should be included in due diligence basics for startup investments? CO5 [K₂]
1. Considering an exit strategy
2. Growth plan
3. Partnerships & investments
- a) 1 & 2 b) 2 & 3
- c) 1 & 3 d) 1,2,& 3

PART B (10 x 2 = 20 Marks)

11. Define corporate governance and its importance in managing finance and market risk. CO1 [K₂]
12. List two risks commonly associated with infrastructure projects and briefly explain how they can impact project outcomes. CO1 [K₂]
13. What is risk appetite and risk tolerance? CO2 [K₂]
14. Mention the stakeholders involved in developing the risk management plan. CO2 [K₂]
15. Mention the techniques for risk identification? CO3 [K₂]
16. What is probability – impact matrix? Give examples. CO3 [K₂]
17. Explain why clear communication of risks is essential in the construction industry. CO4 [K₂]
18. Mention the risk responses for a project. CO4 [K₂]
19. Briefly explain the concept of a data room. CO5 [K₂]
20. What is the difference between due diligence and an audit? CO5 [K₂]

PART C (6 x 5 = 30 Marks)

21. Explain positive risk and negative risk in the context of project management. Provide examples of each and explain how they can impact a project. CO1 [K₂]
22. Review the key components of a examining risk management plan. How do these components interact to effectively identify, assess, and mitigate risks in a project? CO2 [K₃]
23. Explain the Delphi Technique and discuss its applications in decision-making CO3 [K₃]

processes. How does this method ensure the reliability and validity of expert opinions, and what are some common challenges associated with its implementation?

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|-----|---|-----|-------------------|
| 24. | Evaluate the role of Building Information Modeling, project management software in enhancing risk communication and collaboration among stakeholders in construction projects. | CO4 | [K ₃] |
| 25. | Analyze the significance of due diligence in mergers and acquisitions. Discuss the objectives, scope, and key considerations involved in due diligence processes for such transactions. | CO5 | [K ₄] |
| 26. | Discuss about the necessity and types of due-diligence. | CO5 | [K ₂] |

Answer any FOUR Questions
PART D (4 x 10 = 40 Marks)

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|-----|--|-----|-------------------|
| 27. | Identify and explain three causes of risk in financial markets. How can effective risk management strategies help organizations mitigate these risks? | CO1 | [K ₂] |
| 28. | Explain the risk categories and risk breakdown structure. | CO2 | [K ₂] |
| 29. | How do qualitative and quantitative risk analysis contribute to identifying and mitigating risks? | CO3 | [K ₂] |
| 30. | Design a comprehensive risk communication plan for a large-scale construction project, considering the diverse stakeholders involved. Outline communication objectives, strategies, channels, and methods for monitoring and evaluating effectiveness. | CO4 | [K ₄] |
| 31. | Discuss the role of technology in modern due diligence practices. How can tools such as artificial intelligence and data analytics enhance the efficiency and effectiveness of due diligence processes? | CO5 | [K ₄] |
