

Post Graduate Diploma in Management (Hospital & Health Management)

PGDM – 2023-25 Batch

2nd Year – 3rd Semester End Examination

Subject & Code	: Healthcare Software Project Management-HIT 702	Reg. No.:
Semester & Batch	: III, 2023-25	Date : 08-10-2024
Time & Duration	: 10:30 A.M.-01:30 P.M. (3 Hrs.)	Max. Marks : 70

Instructions:

- Budget your time as per the marks given for each question and write your answer accordingly.
- Don't write anything on the Question Paper except writing your Registration No.
- Mobile Phones are not allowed even for computations.

Part A: Q.1 to Q.10 all questions are compulsory (10 X 2 Marks = 20 Marks)
One liner, MCQs, True/False

1. Which of the following is not an attribute of a project?
 - a. projects are unique
 - b. projects are developed using progressive elaboration
 - c. projects have a primary customer or sponsor
 - d. projects involve little uncertainty
2. Which of the following items is not normally included in a project charter?
 - a. the name of the project manager
 - b. budget information
 - c. stakeholder signatures
 - d. a Gantt chart
3. You cannot start editing a technical report until someone else completes the first draft. What type of dependency does this represent?
 - a. finish-to-start
 - b. start-to-start
 - c. finish-to-finish
 - d. start-to-finish
4. Your organization hired a specialist in a certain field to provide training for a short period of time. Which reason for outsourcing would this example fall under?
 - a. reducing costs
 - b. allowing the client organization to focus on its core business
 - c. accessing skills and technologies
 - d. providing flexibility

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5. An item you need for a project has a daily lease cost of \$200. If you decide to purchase the item, the investment cost is \$6,000 and the daily cost is \$100. After how many days will the lease cost be the same as the purchase cost?

- e. 30
- f. 40
- g. 50
- h. 60

6. _____ refer(s) to all the work involved in creating the products of the project and the processes used to create them.

- i. Deliverables
- j. Milestones
- k. Scope
- l. Product development

7. Staff turnover, poor communication with the customer are risks that are extrapolated from past experience are called _____ .

- A. Business risks
- B. Predictable risks
- C. Project risks
- D. Technical risks

8. Which of the following is a project scheduling method that can be applied to software development?

- a) PERT
- b) CPM
- c) CMM
- d) Both PERT and CPM

9. What assess the risk and your plans for risk mitigation and revise these when you learn more about the risk?

- a) Risk monitoring
- b) Risk planning
- c) Risk analysis
- d) Risk identification

10. What is a baseline in Microsoft Project?

- a) The original project plan
- b) The current status of the project
- c) The expected final outcome of the project
- d) The resources assigned to the project

Part B: Q.11 to Q.15 attempt any four questions (4 X 5 Marks = 20 Marks) - Short Notes

11. What is involved in collecting requirements for a project? Why is it often difficult to do?
12. What is the main technique used for validating scope? Give an example of scope validation on a project
13. Explain how to manage the change control?
14. Explain PRINCE 2 Project Methodology
15. How Artificial Intelligence (AI) work in Software Project management

Part C: Q.16 to Q.19 attempt any three questions (3 X 10 Marks = 30 Marks) - Long Notes

16. Explain Scrum in Detail
17. Why do you think schedule issues often cause the most conflicts on projects? Why is defining activities a process of project time management instead of project scope management? What is involved in project scope management, and why is good project scope management so important on IT projects?
18. Consider the following information about a one year project. 1) Budgeted cost of work schedule (BCWS) = Rs. 23,000 2) Budgeted cost of work performed (BCWP) = Rs. 20,000 3) Actual cost of work performed (ACWP) = Rs. 25,000 4) Budget at completion (BAC) = Rs. 120000

Answer the following questions:

- I) what is the cost variance, schedule variance, Cost Performance Index (CPI), and Schedule Performance Index (SPI) for the project?
 - II) How is the project doing? Is it ahead of schedule or behind the schedule? Is it under budget or over budget?
 - III) Use the CPI to calculate the estimate at completion (EAC) for this project. Is the project performing better or worse than planned??
 - IV) Use the schedule performance index to estimate how long it will take to finish the project.
19. What is the role of the project manager? What are suggested skills for all project managers and for Health IT project managers? Why is leadership so important for project managers? What makes IT projects different from other types of projects? How should project managers adjust to these differences?