

Post Graduate Diploma in Management (Hospital & Health Management)

PGDM – 2024-2026 Batch

2nd Year – 3rd Semester End Examination

Subject & Code : Healthcare Software Project Management-HIT 702

Reg. No.:

Semester & Batch : III, 2024-2026

Date : 04-11-2025

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.
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Part A: Q.1 to Q.10 all questions are compulsory (10 X 2 Marks = 20 Marks)

1. Which of the following is **most critical** in healthcare software project management?
 - a) Aesthetic design
 - b) Data security and patient privacy
 - c) Marketing strategy
 - d) User entertainment features
2. What is the purpose of the Resource Pool in Microsoft Project?
 - a) To manage and allocate resources across multiple projects
 - b) To manage and allocate resources within a single project
 - c) To display resource allocation for each task
 - d) To display resource allocation for each resource
3. Which of the following describes a Start-to-Start (SS) task dependency in Microsoft Project?
 - a) The successor task cannot start until the predecessor task is completed
 - b) The successor task cannot finish until the predecessor task is completed
 - c) The predecessor task cannot start until the successor task is completed
 - d) The predecessor task cannot finish until the successor task is completed
4. Which of the following best describes a Project Calendar in Microsoft Project?
 - a) A calendar that shows the working hours and non-working days for a project
 - b) A calendar that shows the milestones and deadlines for a project
 - c) A calendar that shows the resources assigned to a project
 - d) A calendar that shows the costs associated with a project

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5. The **critical path** in a healthcare software project schedule represents:
 - a) The path with the lowest risk
 - b) The path with the highest number of team members
 - c) The sequence of activities determining total project duration
 - d) The least expensive tasks
6. Which of the following tools is commonly used for **project tracking and scheduling**?
 - a) MS Word
 - b) JIRA
 - c) Photoshop
 - d) Blender
7. In Agile healthcare software projects, **sprint retrospectives** are held to:
 - a) Review patient outcomes
 - b) Plan project funding
 - c) Reflect on team performance and process improvement
 - d) Conduct user acceptance testing
8. Which of the following term is best defined by the statement: “There will be a change of organizational management with different priorities.”?
 - a) Staff turnover
 - b) Technology change
 - c) Management change
 - d) Product competition
9. The document that outlines the project’s objectives, stakeholders, and deliverables is called the _____.
10. Continuous integration helps in detecting integration issues early during healthcare software development. ()
 - (a) True
 - (b) False

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

Short Notes

- Q.11 Explain the role and responsibilities of a healthcare Software Project Manager?
- Q.12 Discuss the importance of planning in software project management?
- Q.13 What is a project charter? What key elements does it include?
- Q.14 Explain various risk management tactics used in software projects?
- Q.15 Write short notes on project change management and its importance?

Part C: Q.16 to Q.20 attempt any three questions (3 X 10 Marks = 30 Marks)
Long Notes

- Q.16 Examine the antecedents and consequences of software project failure with suitable examples?
- Q.17 You are leading a team developing a telemedicine platform. Identify key risks, stakeholders, and quality measures to ensure successful project delivery.
- Q.18 Evaluate the role of Agile Management and project management tools in modern healthcare software development?
- Q.19 Develop a comprehensive project plan including scope, schedule, resource allocation, and risk management strategies for the below scenario?

Planning the “StudentConnect” Institute Management System

Background: A mid-sized software company, SubhaTech Solutions, has received a contract from an Institute to develop the Institute Management System called “StudentConnect”. The goal of the system is to automate various academic and administrative activities such as student enrolment, attendance tracking, exam management, fee collection, and report generation.

- Q.20 Explain Schedule management in detail.