B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

September / October 2023 Supplementary Examinations

Programme: B.E   **Semester: VI**
Branch: Information Science and Engineering   **Duration: 3 hrs.**
Course Code: 20IS6HSPMF   **Max Marks: 100**
Course: Software Project Management and Finance   **Date: 13.09.2023**

Instructions: 1. Answer any FIVE full questions, choosing one full question from each unit.
               2. Missing data, if any, may be suitably assumed.

UNIT - I

1 a) State the importance of project stakeholders with examples. Explain how Project governance can align the project with stakeholders' needs, thus resulting in project success.   **10**

   b) Process groups have clear dependencies and are highly interactive. Identify and explicate the five project management process groups.   **10**

UNIT - II

2 a) Elaborate on inputs, tools and techniques involved in Direct and manage project work process.   **10**

   b) What are the tools and techniques for Plan schedule management process? Elucidate on how schedule management plan is framed including appropriate control thresholds.   **10**

UNIT - III

3 a) Explore the components of Human resource management plan. Provide examples for information in Staffing management plan.   **10**

   b) Analyze the inputs, tools and techniques for Plan risk management process.   **10**

OR

4 a) Highlight the benefits of Manage project team process. What are the inputs for this process? How are change request and updations handled in this process?   **10**

   b) Assess the practices of expert judgement and analytical techniques in Plan stakeholder management process. Give example for Stakeholder engagement assessment matrix.   **10**

UNIT - IV

5 a) Brief on Determine Budget process. What is Cost baseline? Illustrate the various components of project budget and cost baseline. Bring out the relationship between cost baseline, expenditures and funding requirements.   **10**

b) What is meant by Cost of quality? Explain with an example. With suitable illustrations, explore the seven basic quality tools used in plan quality management process. **10**

OR

6 a) Estimate costs process provides an approximation of monetary resources. Investigate on the various tools and techniques involved in cost estimation. **10**

b) What is Forecasting in Control cost process? Describe the three common methods used to attain forecasting. Summarize on To-Complete Performance Index. **10**

UNIT - V

7 a) Examine in detail the Build-Measure-Learn feedback loop for a lean startup model. **10**

b) Engine of growth is the mechanism that startups use to achieve sustainable growth. Describe the four primary ways how past customers drive sustainable growth. Elaborate on the three engines of growth with examples. **10**

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