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**PRESIDENCY UNIVERSITY**

**Bengaluru**

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| **End - Term Examinations – JANUARY 2025** |
| **Date:** 17 – 01-2025 **Time:** 09:30 am –12:30 pm |

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| --- | --- | --- |
| **School:** SOM-PG | **Program:** MBA | |
| **Course Code :** MBA3014 | **Course Name :** Project Management | |
| **Semester**: III | **Max Marks**: 100 | **Weightage**:50% |

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| --- | --- | --- | --- | --- | --- |
| **CO - Levels** | **CO1** | **CO2** | **CO3** | **CO4** | **CO5** |
| **Marks** | **9** | **41** | **20** | **30** |  |

**Instructions:**

1. *Read all questions carefully and answer accordingly.*
2. *Do not write anything on the question paper other than roll number.*

**Part A**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Answer all the 10 Questions. Each question carries 3marks. 3Mx10Q=30Marks** | | | | |
| **1** | What happens when Project Scope is not defined clearly? Explain with examples. | **3 Marks** | **Comprehension** | **CO1** |
| **2** | If the initial investment for a project is Rs. 15 Lakhs and the annual net cash flow is Rs. 30,000 every year, what is the 'Payback period' for this project? What is this financial model called? | **3 Marks** | **Comprehension** | **CO2** |
| **3** | What is the difference between 'Fixed Cost' and 'Variable Cost' in Projects? Give one example each. | **3 Marks** | **Comprehension** | **CO2** |
| **4** | What are the key employability skills that are necessary for a successful Project Manager? | **3 Marks** | **Knowledge** | **CO2** |
| **5** | What is meant by Project Charter? How will it help in effective Project Management process? | **3 Marks** | **Knowledge** | **CO2** |
| **6** | What is meant by Statement of Work (SOW)? Explain with an example. | **3 Marks** | **Comprehension** | **CO2** |
| **7** | What are the four types of Precedence Relationships? Explain briefly each one of them. | **3 Marks** | **Knowledge** | **CO1** |
| **8** | What is 'Project Risk' and how it is managed? Give two examples. | **3 Marks** | **Comprehension** | **CO2** |
| **9** | What is meant by 'Earned Value Management' and at what stage of the Project Management is this used? | **3 Marks** | **Knowledge** | **CO1** |
| **10** | What is meant by 'Projects Crashing'? Give three examples of Project Crashing methods. | **3 Marks** | **Comprehension** | **CO2** |

**Part B**

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| --- | --- | --- | --- | --- | --- |
| **Answer FOUR the Questions. Each question carries 10 marks. 10Mx4Q=40Marks** | | | | | |
| **11** | What are the most common Project Risks. Explain at least 5 risks with examples. | | **10 Marks** | **Comprehension** | **CO2** |
|  | **OR** | |  |  |  |
| **12** | Explain in detail the 'Strategies to avoid conflicts' while managing multiple projects. | | **10 Marks** | **Analysis** | **CO2** |
|  |  | |  |  |  |
| **13** | Explain 'Milestones' in Project Management. How to interpret the 'Milestone Trends' and what does each pattern mean? | | **10 Marks** | **Application** | **CO2** |
|  | **OR** | |  |  |  |
| **14** | Define the five basic steps of Project Management. Explain each step and their objectives with examples. | | **10 Marks** | **Analysis** | **CO2** |
|  |  | |  |  |  |
| **15** | | What is meant by PFMEA? Why is it conducted? What are the key elements of PFMEA? | **10 Marks** | **Application** | **CO3** |
|  | | **OR** |  |  |  |
| **16** | | **"**Payback period for Uneven Cash Flow:  There are two project proposals A and B in front of a company's management. Both the projects' initial investment is Rs. 8 Lakhs. Calculate the Payback period and Rate of return for both the projects. Decide and mention which project the management must to decide for investment. Here is the cash flow statements of both the projects A & B. | **10 Marks** | **Analysis** | **CO3** |
|  | |  |  |  |  |
| **17** | | Construct an Activity Network Diagram and determine the critical path. | **10 Marks** | **Application** | **CO3** |
|  | | **OR** |  |  |  |
| **18** | | What are the most common Project Risks? Explain at least 5 risks and how to mitigate them. Give one example for each type of risk. | **10 Marks** | **Analysis** | **CO3** |

**Part C**

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| --- | --- | --- | --- | --- |
| **Answer both the Questions. Each question carries 15 marks. 15Mx2Q=30Marks** | | | | |
| **19** | 1. Construct an Activity Network Diagram using Activity-On-Node technique using the following data. 2. Determine the Critical Path. 3. Create a Gantt chart for the same set of activities. | **15 Marks** | **Application** | **CO4** |
| **20** | Power Corporation Ltd. is considering two projects namely Project X and Project Y and wants to calculate the NPV for each project.Both project Xand project Y is four-year project and cash flows of both the projects for four years are given below:    The firm's cost of capital is 10% for each project and the initial investment amount is ＄9,000.  Calculate the NPV of each project and determine in which project the firm should invest. | **15 Marks** | **Application** | **CO4** |

**\*\*\*\*\* BEST WISHES \*\*\*\*\***