Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_

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**End Semester Examination – Nov/Dec – 2018**

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| **Code :** | **17BB2020** | **Duration :** | **3hrs** |
| **Sub. Name :** | **PROJECT MANAGEMENT** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Discuss the various steps involved in Selection of a Project? | CO1 | 10 |
| b. | Give a comparative overview of Project, Program and Portfolio | CO1 | 10 |
| (OR) | | | | |
| 2. |  | What are the important phases of a project life cycle? Discuss each phase briefly with key issues involved in it. | CO1 | 20 |
|  |  |  |  |  |
| 3. |  | Explain the various project planning activities involved in the planning phase of a Project? | CO1 | 20 |
| (OR) | | | | |
| 4. |  | Flying Edge Group of Educational Institutions as part of its promotional campaign decided to host an Management Fest. They have appointed you as the Project Manager and has agreed after several sittings with you the plan to proceed for Management Fest. What are the skills required for the Manager to complete the Project. Bring out the roles and responsibilities as a Project Manager | CO3 | 20 |
|  |  |  |  |  |
| 5. |  | Expound the various tools and techniques used in estimating cost:- | CO1 | 20 |
| (OR) | | | | |
| 6. |  | You are in charge of organizing a Mega Quiz for School children of Xth and XIIth grade. You have booked a leading celebrity to host the event. You have reserved a Hall that has a seating capacity of 500 People. You as a Project manager is asked to prepare a WBS for above event. Exhibit it with the help of a Gantt Chart. | CO3 | 20 |
| 7. |  | A project comprising of eight tasks (A to H) has the following characteristics:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Tasks | Predecessor | Time duration (weeks) | | | |  |  | Optimistic | Most Likely | Pessimistic | | A | None | 4 | 8 | 24 | | B | None | 20 | 24 | 52 | | C | A | 16 | 18 | 20 | | D | A | 20 | 30 | 40 | | E | A | 14 | 15 | 22 | | F | B,C | 18 | 18 | 18 | | G | D | 6 | 7 | 14 | | H | E,F,G | 10 | 10 | 10 |  1. Calculate the time duration of each activity and the variance. 2. Draw the network diagram, determine the critical path and mark in the network. What is the total project duration? 3. What is the probability of achieving the project within the deadline of 30 weeks? | CO2 | 20 |
| (OR) | | | | |
| 8. |  | Elucidate the various types of risks that affect the project outcome:- Suggest two techniques that can control risk: | CO1 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Here is a partial work break down structure for a wedding. Create a Network for this project:-  Work Breakdown Structure  1. Wedding Project  1.1 Decide on Date  1.2 Marriage License  1.3 Ceremony  1.3.1 Rent Church  1.3.2 Florist  1.3.3 Create /Print Programmes  1.3.4 Hire Phorographer  1.3.5 Wedding Ceremony  1.4 Guests  1.4.1 Develop Guests list  1.4.2 Design /Order Invitations  1.4.3 Address and Mail Invitations  1.4.4 Track RSVP’s  1.5 Reception  1.5.1 Reserve Reception Hall  1.5.2 Food and Refreshments  1.5.2.1 Choose Caterer  1.5.2.2 Decide on Menu  1.5.2.3 Make final Order  1.5.3 Hire Band  1.5.4 Decorate Reception Hall  1.5.5 Wedding Reception | CO3 | 20 |