**COMSATS University Islamabad**

**Sahiwal Campus**

**Department of Computer Science**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Course Title:** | Software Project Management | | | | **Course Code:** | | CSC336 | | **Credit Hours:** | 2+1 |
| **Course Instructor:** | Aneeqa Khawar | | | | **Programme Name:** | | | BS(SE) | | |
| **Semester:** |  | **Batch:** |  | **Section:** | A,B | | | **Date:** |  | |
| **Time Allowed:** | 90 min | | | | **Maximum Marks:** | | | | 20 | |
| **Student’s Name:** |  | | | | **Reg. No.** | CUI/ /SWL | | | | |
| **Important Instructions / Guidelines:**  *Read the question paper carefully and answer the questions according to their statements.* | | | | | | | | | | |

**Lab Sessional 2 Examination Fall-2020**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Activity | Predecessor | Optimistic Time  (a) | Most Likely Time  (m) | Pessimistic Time  (b) |
| A | ---- | 6 | 12 | 24 |
| B | A | 16 | 19 | 28 |
| C | A | 4 | 7 | 10 |
| D | B | 21 | 30 | 39 |
| E | B | 17 | 29 | 47 |
| F | C,D,E | 4 | 7 | 10 |
| G | F | 13 | 16 | 19 |

Tasks:

1. Calculate the Expected time of each Activity.
2. Draw Project network (PERT/CPM) using “AON” method along with earliest and latest times.
3. Find out the critical path of project.
4. Find out the project duration.
5. What is the probability of completing the project within 90 days?

**The End**