|  |  |  |
| --- | --- | --- |
| Task | Start Date | Duration |
| Task 1 | 1-Jun | 10 |
| Task 2 | 12-Jun | 7 |
| Task 3 | 20-Jun | 10 |
| Task 4 | 1-Jul | 5 |
| Task 5 | 7-Jul | 3 |
| Task 6 | 7-Jul | 3 |
| Task 7 | 11-Jul | 2 |
| Task 8 | 15-Jul | 2 |

**PROJECT SCHEDULING**

|  |  |  |
| --- | --- | --- |
| Project | Start Date | Duration |
| Project 1 | 1-Feb | 20 |
| Project 2 | 5-Feb | 15 |
| Project 3 | 6-Mar | 25 |
| Project 4 | 7-Apr | 21 |
| Project 5 | 1-May | 30 |
| Project 6 | 6-Jun | 10 |

|  |  |  |
| --- | --- | --- |
| Activity | Intermediate Predecessor | Expected Time |
| Activity A | none | 7 |
| Activity B | none | 9 |
| Activity C | A | 12 |
| Activity D | A,B | 8 |
| Activity E | D | 9 |
| Activity F | C,E | 6 |
| Activity G | E | 5 |

**NETWORK DIAGRAM**

|  |  |  |
| --- | --- | --- |
| Activity | ES | EF |
| Time | LS | LF |

|  |  |  |
| --- | --- | --- |
| A | 0 | 7 |
| 7 | 2 | 9 |

|  |  |  |
| --- | --- | --- |
| C | 7 | 19 |
| 12 | 14 | 26 |

|  |  |  |
| --- | --- | --- |
| F | 26 | 32 |
| 6 | 26 | 32 |

END

|  |  |  |
| --- | --- | --- |
| G | 26 | 31 |
| 5 | 26 | 31 |

START

|  |  |  |
| --- | --- | --- |
| B | 0 | 9 |
| 9 | 0 | 9 |

|  |  |  |
| --- | --- | --- |
| D | 9 | 17 |
| 8 | 9 | 17 |

|  |  |  |
| --- | --- | --- |
| E | 17 | 26 |
| 9 | 17 | 26 |

**CRITICAL PATH: B-D-E-G**