**AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**

Program: Bachelor of Science in Computer Science and Engineering

Course Number: CSE 3223

Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time: 30 Minutes

Total: 20

Consider the project cash flow estimates for four projects. Negative values represent expenditure and positive values income.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Project 1 | Project 2 | Project 3 | Project 4 |
| 0 | -100000 | -1000000 | -100000 | -120000 |
| 1 | 10000 | 200000 | 30000 | 30000 |
| 2 | 10000 | 200000 | 30000 | 30000 |
| 3 | 10000 | 200000 | 30000 | 30000 |
| 4 | 20000 | 200000 | 30000 | 30000 |
| 5 | 100000 | 300000 | 30000 | 75000 |

1. Rank the four projects in order of financial desirability and make a note of your reasons for ranking them in that way.