1. [2+2 marks] Calculate the Break-Even Point and Return of investment using the following information.

	Year 0	Year 1	Year 2	Year 3
Total benefits		35,000	45,000	50,000
Total costs	75,000	15,000	12,000	20,000

Return on investment = Total Benefit - Total cost

$$Total \ Cost$$

$$= (35000 + 45000 + 50000) - (75000 + 15000 + 12000 + 20000)$$

$$= 0.06557$$

$$= 6.557 \%$$
Break even point = total number of years with negative cash flow - that year's cumulaine cash flow - that year's net cash flow
$$= 2 + \frac{30000 - 8000}{30000}$$

$$= 2.7333$$

2. [3 marks] How can we assess a project's economic value?

we can access a project's economic value by Tangible and intengible values. There are operational and developmental costs by analyzing these values and developmental costs by analyzing these values and calculating projects costs and benifits, we can access projects economic value.

3. [3 marks] What is benchmarking in analysis strategy? Suppose you are developing a new search engine called "Toggle". How would you carry out benchmarking analysis on your system?

Benchman king analysis strategy is the process where a organization compares itself with where a organization compares informally. other organizations similar projects informally. Here, generally companies try to compare their similar product on project to identify which one is better performing and where is the scope of improvement. So, it we are doveloping a new search engine called "Toggle" we need to compare with the other existing search engines like, Google, Bing, Yahoo, etc. After comparing we need to find the moon fore betterment and other scopes.