Course Code: CSE 305   **Course Title:** System analysis and Design

Full Marks: 20   CT 1   Fall 2020

1.   Draw the complete SDLC diagram showing all its' phases.   **5**

2.   a. Following is the list of all costs and benefits of multinational clothing brand
                 "Fashion Clothes". Compute the cost benefit analysis using simple cash flow   **10**
                 method. Find **BEP** and **ROI**.

	Year 0	Year 1	Year 2	Year 3
Costs: Salary	100,000	200,000	200,000	250,000
Transportation	10,000	50,000	25,000	25,000
Machineries	100,000	10,000	5,000	5,000
Utility bills and advertisement	90,000	40,000	45,000	20,000
Benefits: from country branches		50,000	100,000	300,000
From international branches		50,000	100,000	400,000
From home deliveries		50,000	100,000	200,000

b. Mr. X wants to invest his money in some business which would take not more   **5**
than 2 years to recover his original investment. Do you suggest him to invest his
money in "Fashion Clothes"? Justify your answer. [Hint: User the answers of 2.a]