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Section : 06

Faculty : AQU

Ans to the ques no: 2

| | Year 0 | Year 1 | Year 2 | Year 3 | Total |
|----------------|---------|---------|--------|--------|--------|
| Total Benefits | 30000 | 35000 | 30000 | 50000 | 145000 |
| Total Costs | 72000 | 22000 | 10000 | 17000 | 121000 |
| Benefit - Cost | (42000) | 13000 | 20000 | 33000 | 24000 |
| Cumulative | (42000) | (29000) | (9000) | 24000 | |

$$\text{Break-Even Point} = 3 + \frac{33000 - 24000}{33000}$$

$$= \frac{36}{11}$$

$$\approx 3.27 \text{ years}$$

(Ans)

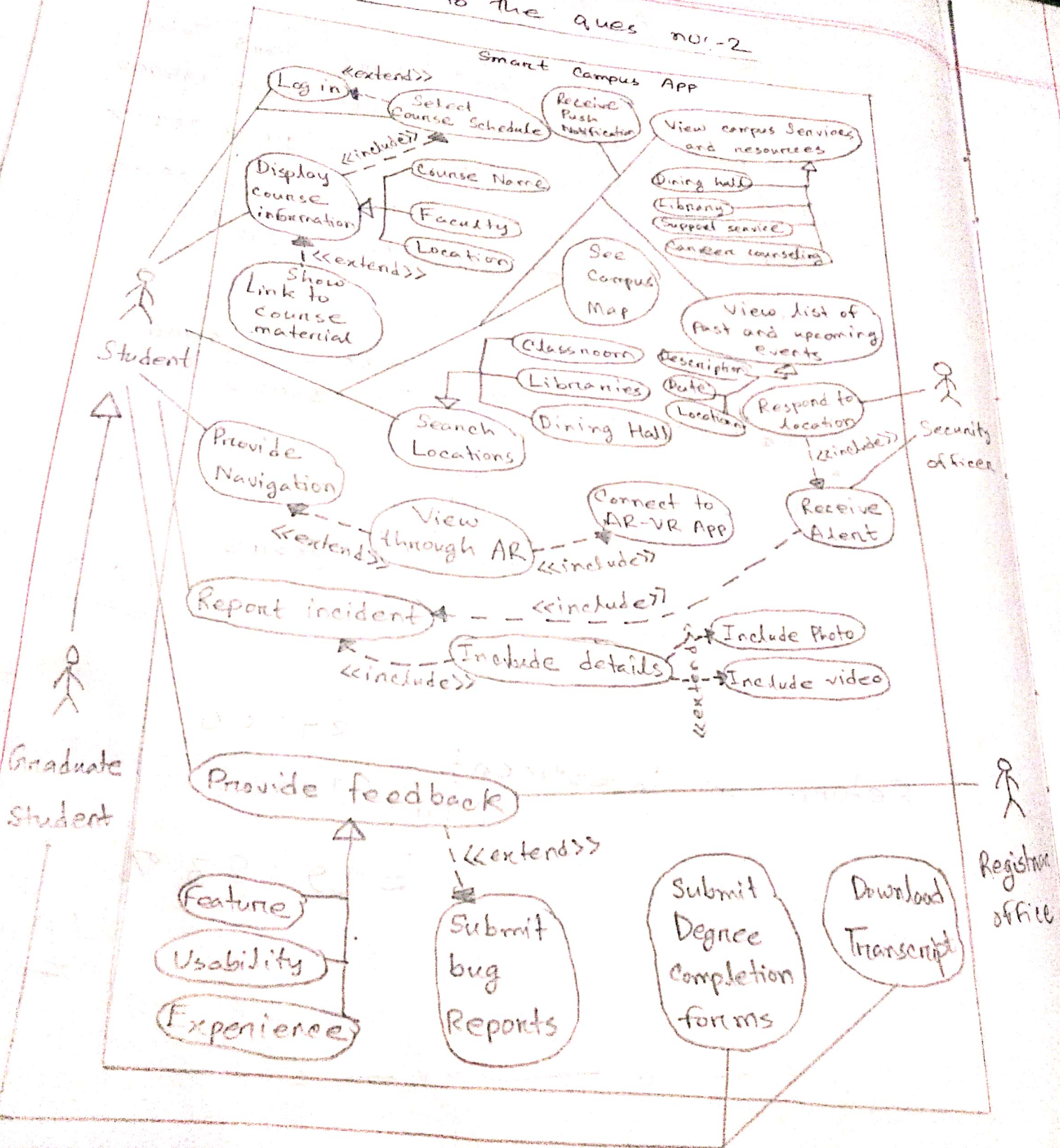
$$\text{Return on Investment} = \frac{24000}{121000}$$

$$\approx 19.83\%$$

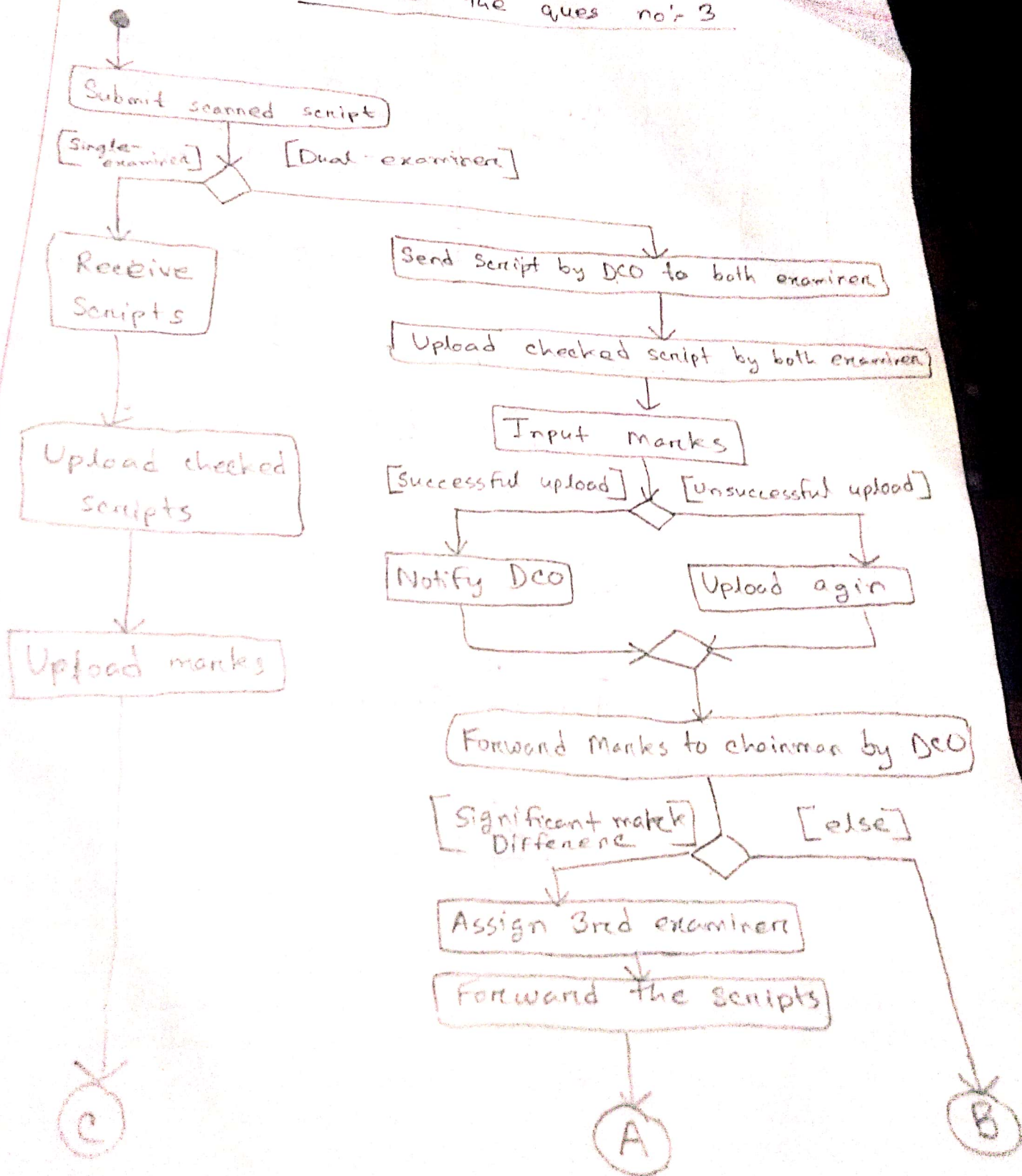
(Ans)

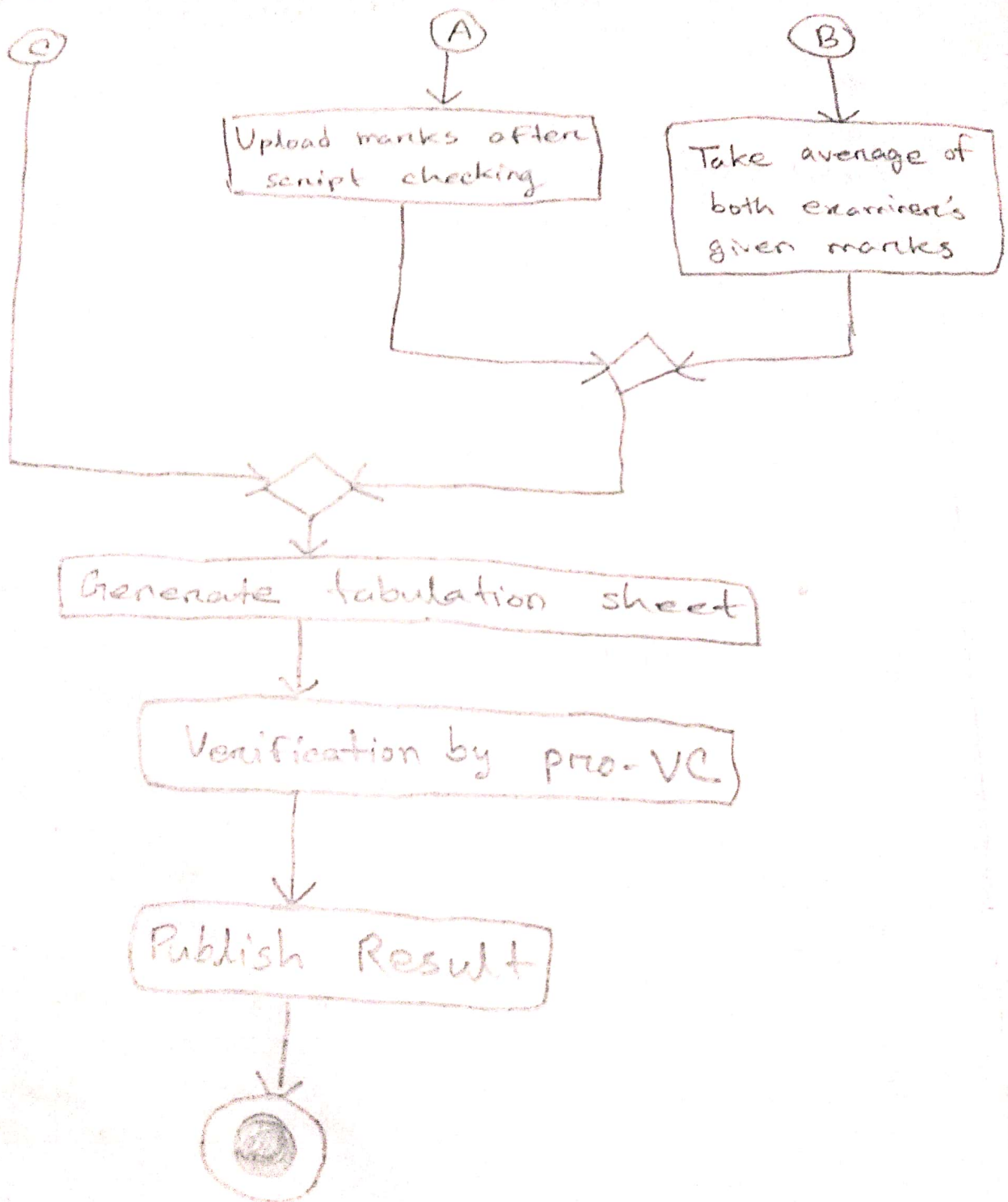
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Ans to the ques no. 2



Ans to the ques no: 3





Ans to the ques no 4

