

	Course Name:	Professional Practices of IT	Course Code:	CS4001
	Program:	Computer Science	Semester:	FALL 2024
	Date:	18 Sep, 2024	Total Marks:	15 Marks
	Section:	7C	Weight:	
	Exam Type:	Quiz 01	CLO #	1
	PLO #	2		
	Name		Roll #	

Question 01:

- a) Elaborate each term of BCS code of Conduct. (1*4= 4 marks)
 1. The public interest 2. Duty to relevant authority 3. Duty to profession
 4. Professional Competence and Integrity
- b) What is the difference between a Code of Conduct and Code of Practice for any professional body? (03 Marks)
- c) Write advantages and disadvantages of limited company status (2 each at least) (03 Marks)

Question 02:

(5 Marks)

If \$100 dollars is invested in a bank may earn 8% per year. What would be the future value of \$100 Dollars 1st, 5th and 15th year?

NOTE: Please Attach Question paper with the Answer Sheet.

===Good Luck===

Name & Section

Date

Student's Name

Roll No.

Section

Q / Part No.

Rough
Work

Q.1a)

Ans. The public interest: The work the society does should be for the welfare of the people and their benefit. The society's work should positively impact the lives of people.

Duty to relevant authority: The people working under the authority should do their practices as per the rules and regulations of the society and to follow the authority's instructions on the matter.

Duty to profession: The person must do his professional in a professional manner and to work in such a manner that upholds the standards of that profession.

Professional Competence and Integrity: The person should work his best in his profession and not list any profession which he does not have any skill in. Moreover, the professional should not withhold information that would be fruitful to the organization unless that information is not to be disclosed due to agreements.

(2)

b)
Ans.

Code of Conduct is how the professional body's guidance on ~~how~~^{how} communications will be professionally towards people within the professional body. The Code of Practice is the instructions on how to practice their professions with guidelines on how to do so.

c)
Ans.Advantages

1. Owners of the company are not liable for any debts incurred, so there is no threat on personal assets etc. house, car etc.
2. ~~The~~ The company's ~~share~~^{market} price may increase if ~~public buys shares.~~
someone or some entity buys shares.

Disadvantages

1. The public may not buy share if it is a private company.
2. Have to be ~~also~~ accountable to shareholders and be answerable to them.

Q.2

Ans.

$$\begin{aligned}
 &\text{First year} \\
 FV &= PV \times (1+r)^n \\
 &= 100 \times (1+0.08)^1 \\
 &= \$108
 \end{aligned}$$

Five years

$$FV = 100 \times (1+0.08)^5$$

Five years

$$\begin{aligned}
 FV &= 100 \times (1+0.08)^5 \\
 &= \$146.93
 \end{aligned}$$

15 years

$$\begin{aligned}
 FV &= 100 \times (1+0.08)^{15} \\
 &= \$317.22
 \end{aligned}$$