2. Why do you need to have a management information system in Care hospitals? 7

*****

PG Odd Semester (CBCS) Exam. December, 2022

Business Administration

(1st Semester)

Course No: CP-107 (N)

(Information Technology Management)

Full Marks: 70

Pass Marks : 28

Time: 3 hours

The figures in the right margin indicate full marks for the question.

1. (a) Explain what do you mean by Fuzzy logic. Discuss how fuzzy logic can be used in business systems. 3+6

   (b) Explain the term 'Block Chain Technology'. 5

Or

2. (a) Discuss how Bitcoin has evolved out of Block Chain technology. 7+7

   (b) Highlight the differences between Neural Network and Fuzzy logic.

3. This case is about using e-commerce to turn surplus steel into Gold. In early 2003, Scott Shapiro and independent steel broker, was trolling for leads online when he came across an auction site called steel salvor. The site provided a way for steel importers or insurance companies to find buyers for their damaged or surplus steel, potentially puting middleman. Such as Shapiro out of business. But as a business man I thought it was a brilliant idea.

Shapiro promptly flew to Houstan to meet with the sites owner, Scott Dawson. Dawson had worked inspecting and setting rejected steel for a marine insurance adjuster before he came up with the idea of putting the surplus steel on a virtual auction block instead. About $5 billion of steel is or phoned in U.S. ports each year, much of it damaged during shipping. Importer and their insurance companies, on the hook for the value of the steel in its pristine state, must then scramble to find local salvage buyers. With $100,000 from investors and his own savings, Dawson figured he could put the whole process on the web.

Shapiro impressed Dawson with ideas to lure new sellers and a nefty Rolodex filled with potential steel buyers. The two men quickly realised they could make great partners. Since then, what had been just another struggling e-market place has become a fast growing and profitable partnership.

1. What contribution does steel salvor make to the steel industry?

2. In what way is steel Salvor's approach to e-commerce an improvement of doing all the buy and selling over the telephone? 7+7

4. Discuss with examples the different phases of Software Development Cycle. 14

Or

5. Write a sample C-program and highlight the significance of generating algorithm and construction of flow chart. 14

6. Discus the functions of Information System. Explain with diagram how different types of information are processed at different departments starting from customer order entry till sending remainders for customer payments in e-commerce website. 5+9

Or

7. Explain the terms thin client and thick clients in clients server architecture. Discuss the different types of networking topologies known to you with diagram. 5+9

8. In 1997, a team of medical professionals setup the first Care Hospital; it signalled the dawn of a new era in medical care. At Care the mission is to operate on a physician drinen model. The Care group of hospitals is one of the few hospitals in India who have implemented NIS since its inception. They are using NIS to streamline processes, integrate information and make it available easily, whenever necessary. The present structure of NIS being used at Care has some limitations. With the fact in mind that Care group keeps all the data safely and secured, it doesnot facilitate the sharing of patients data among other group hospitals. This is because Care does not have a centralised database. Due to this both Care and the patient are at loss as one cannot provide good and quality treatment. The website of Care hospitals also needs improvements as thre are no services or request enabled links. Thus the customer might face difficulty in collecting information about Care. Today all organisations claim to have the best technology available, as it is very easy to get the state of the art technology in the market. Thus, it is becoming difficult for organizations to differentiate themselves from others. What is needed is a good integration between technology and emotional appeal of the customers.

1. What are the challenges faced by Care group of hospitals strategic as well as operations? 7