

B. Com(H) IInd Year, 4 Sem

Paper: Computer Applications in Business

Practice Questions

Question # 1: MS Excel

(10)

Prepare a generalized loan repayment schedule allowing all the four basic inputs to vary in the following format:

| | | | |
|---------------------|-----------|---|-------------|
| Amount of loan | 200000 | | Yearly |
| Period of Repayment | 6 | | Half-yearly |
| Periodicity | Quarterly | 4 | Quarterly |
| Rate of Interest | 10% | | Bi-Monthly |
| | | | Monthly |

Loan Repayment Schedule

| Period | Opening Balance | Interest Due | Installment | Closing Balance |
|---------------|----------------------------|-------------------------|--------------------|----------------------------|
| | | | | |
| | | | | |

You are also required to compute the following:

Compute the amount of interest to be paid for a given installment no. using function.

Compute the amount of Principal to be paid for a given installment no. using function.

Compute the total amount of interest to be paid for installment nos. 5 to 10 using a function.

Compute the total amount of Principal to be paid for installment nos. 5 to 10 using a function.

Question # 2: MS Excel

(8)

A firm makes three types of furniture, desks, chairs and bookshelves. It has no difficulty

in selling these items. However, limited availability of machine time, labour and floor space restrict production. Data on usage of resources, supplies and profits on items are given below:

| | Desk | Chair | Bookshelf | Maximum Availability |
|-------------------------|------|-------|-----------|----------------------|
| Profit per unit | 270 | 144 | 225 | |
| Machine hrs/unit | 8 | 4 | 5 | 1000 Hrs |
| Labour hrs/unit | 5 | 3 | 3 | 650 Hrs |
| Floor space Sq. ft/unit | 9 | 6 | 9 | 1260 sq. ft |

Formulate the above as a liner programming problem.

Question # 3: MS Power point

Make 5 slides on Limitation of computers, making use of WordArt, image, footer with slide number, slide transition, animation in the image and a hyperlink in any of the slides. (6)