



ANDHRA UNIVERSITY

ఆంధ్ర విశ్వకళా పరిషత్

Accredited by NAAC with 'A' Grade ISO 9001: 2015 Certified

ONLINE CERTIFICATE COURSE PROMOTED BY CSC ACADEMY CENTERS

Online Course: Business Mathematics

Summary

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|----------------|---|
| Course Type: | Certificate |
| Duration: | 3 Months |
| Category: | Management |
| Credit Points: | 2 |
| Level: | Undergraduate/Postgraduate |
| Eligibility: | Minimum 10 th Std Pass or ITI or a Polytechnic Diploma Holder or Above |
| Fees: | Rs. 1250/- |

| Admission Batch for Certification Courses | Admissions in Month | All Assessments Completion through LMS |
|---|--------------------------|--|
| March | 1st Mar, April, 30th May | July |
| June | 1st June, July, 30th Aug | Oct |
| Sept | 1st Sept, Oct, 30th Nov | Jan |
| Dec | 1st Dec, Jan, 28th Feb | April |

Course Layout

Business Mathematics

Chapter 1 – Ratio, Proportion, Variation and Percentages

Structure: Introduction Ratio - Ratio and examples - Proportion and examples - Variation and examples - Variation and example - Summary - Self-Assessment Questions

Chapter 2: Profit and Loss

Structure: Introduction - Profit and Loss - Goods Passing Through Successive Hands - Successive Discount - Sales Tax - Summary - Self-Assessment Questions

Chapter 3: Simple Interest and Compound Interest

Structure: Introduction - Concept of Simple Interest - Compound Interest - Summary - Self-Assessment Questions

Chapter 4: Shares and Dividends

Structure: Introduction to Shares and Dividends - Corporations, Shares, and Shareholder Rights - Introduction Dividend - Legal Framework of Dividend - Summary - Self-Assessment Questions

Chapter 5: Matrices and Determinants

Introduction to Matrices - Definition, Meaning and types of Matrices - Matrix Operations - Determinants - Minors and Cofactors - Summary - Self-Assessment Questions

Chapter 6: Relations and Functions

Structure: Introduction meaning and Definition - Relation Meaning and Definition - Function - Graphs of a Function - Determining the Domain of a function given the Equation - Summary - Self-Assessment Questions

Books and References

- Business Mathematics by Prof. A. V. Rayarikar, Dr. P. G. Dixit
- Business Mathematics by Dr. Dipjyoti Sarma, Bidyut Baruah

CRITERIA TO GET A CERTIFICATE

- Continuous Evaluation – 25% weightage, Students need to complete 2 Assignments (MCQ Type) per Course through LMS
- Exam Score = 75% Weightage, Students to Attempt the Assessment through LMS – (MCQ Type)
- Passing Criteria – 40%

Only the e-certificate will be made available. Hard copies will not be dispatched. Thanks for your interest in our online courses and certification. Happy Learning.