

**BHARATHIDASAN UNIVERSITY
CENTRE FOR DISTANCE EDUCATION
TIRUCHIRAPALLI-620 024.**

Dr.A. EDWARD WILLIAM BENJAMIN
DIRECTOR i/c.

Date: 03.03.2022


NOTIFICATION

Submission of Assignments is a component of the CIA for theory papers of MCA Programme. (V Semester) In this connection students are directed to read the instructions carefully before preparing the assignments. The list of topics for assignments for each paper is furnished below:

MCA 2021 CALENDAR YEAR (V Semester) Assignment Topics

Any two topics in each paper must be chosen by the candidate

- 4. Computer Networks (P16MCA26)**
 - d. Write about data link layer and its functions.
 - e. Describe any three Routing algorithms.
 - f. Give a detailed note on Network Security.
- 5. Smart Devices Programming P16MCA27)**
 - d. Give a detailed note on user interface
 - e. Write a brief account on persisting data & database
 - f. Summarize the performance of Interacting with device Hardware and Media
- 6. Optimization Techniques (P16MCA28)**
 - d. Solve any two Problems - (a) Simplex method
(b) Transportation problem
(c) Assignment problem
 - e. Explain various Inventory models with example problems
 - f. Describe the Replacement theory.
- 4. Network Security (Elective-IV) (P16MCAE11)**
 - a. Write about Symmetric Ciphers
 - b. Explain briefly about Network Security Practices
 - c. Give a detailed account on Intruders and Malicious Software
- 5. Compiler Design (Elective-V) (P16MCAE13)**
 - a. Give a detailed note on different Parser.
 - b. Write a issues in the design of code generator.
 - c. Write a brief account on Sources of Optimization


DIRECTOR i/c.

Note: The candidates are instructed to visit our website (www.bdu.ac.in/cde) for PCP classes, Assignment topics, Venue of the Exam Centre, Exam Time Table and Results

INSTRUCTIONS

The MBA/MCA students are directed to note the following instructions before preparing the Assignment.

1. For each subject, 3 topics are suggested for the assignments. The students have to choose any two of topics on each subject.
2. Each assignment will run from 10 to 15 pages (foolscap)
3. Assignments shall be prepared by referring to original books on the subjects.
4. Assignments on all subjects (3) shall be submitted in a single cover, with separate tags for the two assignments on each paper.
5. The title page of the assignments on each paper shall be in the format enclosed.
6. Neatness, adequacy, legibility of presentation, clarity of thought etc., will be considered in the evaluation.
7. Each assignment carries 5 marks; thus out of the 25 marks for the CIA on each subject, the assignments carry 10 marks and the tests carry 15 marks.
8. Assignments should be written in the candidates own handwriting in the foolscap size unrolled white sheets and on only one side of the paper.
9. The assignments shall be handed over to the University Representative at the respective PCP center Co-ordinator's only. The students are advised not to send the Assignment papers by post to university.
10. Students are strictly advised to submit the assignment within the date.
11. Assignments received after the Last date will be rejected.


3/3/2022
DIRECTOR i/c.