STUDENT ASSIGNMENTS (SESSION 2024-25)

Certificate of Information Technology (Distance Mode)

Guidelines to submit Assignments
The students are required to read carefully and follow the instructions given below:

1. Submission of one complete Assignment in each paper of the programme is compulsory.
2. Completed Handwritten Assignments on A4 size papers in a PDF format need to be submitted on Google Classroom on or before the due date
3. Write your Name, Father's Name and Roll Number as required on the cover page of each Assignment.
4. For Assignments Submitted after due date mentioned, a late fee of Rs. 100/- per assignment will be payable through Demand Draft in favor of Jamia Millia Islamia, Payable at New Delhi
5. For ex-students who failed to submit assignments during the course of the programme are required to submit Rs. 200/- per assignment payable through Demand Draft in favor of Jamia Millia Islamia, Payable at New Delhi.
6. Please go through your Programme Guide carefully for further details.
7. Last Date for Assignment Submission is **31-May.-2025**
8. **Last Date of Submitting Hard copy of Assignment is 15-Jun.-2025**
9. **Link for Google Class Room:**

   https://classroom.google.com/c/NzMyOTMzNjE3NjMx?cjc=qf43rhg

   Assignment Name Must be **CODE_ROLLNO** for example
   CIT101_D23CIT001

NOTE: Attempt any **THREE** questions from each Assignment and Each Question carry **10** marks. Total Marks for each Assignment is 30.

CIT-101 Fundamental of Computing

Q.No.	Question.	Marks
1	**Explain the difference between data and information.**	
2	Explain the use of computers in business applications.	
3	**What is an algorithm, and why is it important in problem-solving?**	
4	Explain the difference between procedural and object-oriented approaches to programming.	
5	What are the basic functions and concepts of problem-solving using computer programming?	

CIT- 102 Introduction to Computer Systems

Q.No.	Question.	Marks
1	Describe the organization of a computer system.	

2	What are the key features to consider when selecting a personal computer and software?	
3	What is the difference between a single-user and multi-user operating system?	
4	Explain the emerging trends in computer networks?	
5	What is data communication, and how does it function in modern networks?	

CIT- 103 PC Application Software (MS Office)

Q.No.	Question.	Marks
1	a) Describe the Mail Merge Feature in MS-Word 2007 and Its Applications. Show Also Steps. b) Describe the Steps Involved in Adding a Hyperlink in MS-Word 2007.	10
2	a) Describe the Purpose and Function of Excel's Cell Referencing (Relative, Absolute, and Mixed). b) Describe the Role and Usage of PivotTables in MS-Excel 2007.	10
3	a) Discuss the Use of Themes and Slide Masters in MS-PowerPoint 2007. b) Explain the Process of Adding Animations and Transitions to a Presentation in MS-PowerPoint 2007.	10
4	a) Describe the Role of Primary Keys and Foreign Keys in MS-Access 2007. b) Describe the Role of Validation Rules in MS-Access 2007.	10
5	a) Explain the Fundamentals of Database Design in MS-Access 2007. b) Describe the Use of What-If Analysis in MS-Excel 2007.	10

CIT- 104 Internet & Multimedia

Q.No.	Question.	Marks
1	**What is DNS, and how does it facilitate Internet communication?**	
2	What is Hypermedia, and how does it relate to web technology?	
3	What are multimedia interfaces, and how do they support interaction with multimedia systems?	
4	Explain wireless networking and the different types of wireless networks.	
5	**What are the challenges and benefits of mobile computing and wireless networking?**	

CIT-105 Computer Programming(C,C++)

Q.No.	Question.	Marks
1	**Discuss Operators and Expressions in C/C++.**	

2	Explain Decision Making using 'if', 'else if', and 'else'.	
3	**Explain the concept of Inline Functions and Function Overloading.**	
4	Explain the concept of Strings in C/C++. with examples	
5	What is Inheritance in OOP, and how does it work in C++?	

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