

Dr. Babasaheb Ambedkar
Open University
Master of Science – Cyber Security (MSCCS)
Semester: II

Paper Code: MSCCS-205	MSCCS-201
Title of Paper: Practical Based on MSCCS-201 and MSCCS-203	
Description	
<ol style="list-style-type: none"> 1. Write a C# Code to find out factorial of a number entered by user. 2. Write an application that uses two command-line arguments to place values into a string and an integer variable, respectively. Then display these values. 3. Create a C# console application to perform Boxing and Unboxing operations. 4. Create a C# console application to store and retrieve your personal details like Name, Date of Birth and City using properties. 5. Create a C# console application to demonstrate concept of delegate in which a delegate is used to reference a method which will perform Addition/ Subtraction of two integer number and returns an integer value. 6. Create a C# console application to demonstrate the use of Exception handling with multiple catch blocks. 7. Write C# code to implement multilevel inheritance for Student, Test and Result. Class student Data Members : Roll_no , name ↓ Class Test Data Members : marks1 , marks2 ↓ Class Result Data Members: total 8. Understanding Polymorphism 9. Understanding Indexers 10. Demonstration of ADO.Net and its various components 11. Understanding of session and cookie 12. Understanding of various web services 13. Create interface for contacts and implement it into BasicPhone class with IMobilePhone 14. Create structure for employee to store employee related information like Id, Name, Join date, basic salary 15. Perform operator overloading for ++ and - - operators. 16. Perform push and pop operation on generic Stack<> collection. 17. Implement multithreading to print odd and even numbers using two separate threads. Also communicate with this two thread and print series of numbers 1,2,3,4,5,6,7,8,9,10 18. Develop console application that performs directory manipulation (Create, Delete, Copy, Move with sub directory and files) on file system using Directory and DirectoryInfo class. 19. Write a program for list box which gives facility for adding, removing and clearing the list with and store the deleted file another list box. 20. Understanding of various web services 	

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<ul style="list-style-type: none"> 21. Understanding IP Address and MAC Address 22. Study of different types of Network cables and practically implement the cross-wired cable and straight through cable using clamping tool. 23. Connect the computers in Local Area Network 24. Installation of Ubuntu & Windows with hard disk format & data recovery 25. Performing an Initial Switch Configuration 26. Performing an Initial Router Configuration 27. Configure Firewall & Manage In/Out Rules 28. Packet Analysis Using Wireshark on LAN Network 29. Mechanisms employed to ensure operating system security. 30. Implementing an IP Addressing Scheme 	