ASSIGNMENT TOPICS & PRACTICALS FOR MSc COMPUR SCIENCE SECOND SEMESTER EXAMINATION, 2021

Code	Subject/Paper	List of Questions (all Compulsory)
M.Sc. (CS) - II Sem. (with PRAMOTED/ATKT)	
MCS-201/P1	**System Software**	• Explain Machine structure (Memory, Register, Data formats, Instruction format, Addressing modes, Instruction set, Input/output)
MCS- 202/P2	**Software Engineering**	• Write short notes on requirement process, requirement analysis, requirement specification, planning a software project, project scheduling, software design & models.
MCS-203/P3	**Object Oriented Prog. in C++**	• Explain various types of Constructors, types of functions and various inheritances with example.
MCS-204/P4	**Communication Technology**	• Explain following: LAN, MAN, WAN, Various LAN Topologies, OSI Reference Model, TCP/IP Reference Model, Comparison of OSI and TCP/IP Reference Models.
MCS-205/P5	**Advanced Prog. Language in VB**	• Explain various data types in VB, Menu editor, MDI forms, database programming, and option button and check button with example.
Practical (For Practical file):		
MCS-206/PR-I	**MCS-203**	• Write any eight suitable program with syntax in C++
MCS-207PR-II	**MCS-205**	• Write any six programs in VB using check, option, menu editor and MDI forms.
MCS-208	Application Project (50)	**Create a simple application project of any topic**