ASSIGNMENT QUESTIONS.

B.Com (C.A)

I sem - IT

1) What is Computer? What are its characteristics & limitations.
2) Explain commonly used Input & output devices
3) Explain Types of operating systems.
4) DOS Internal & External commands.
5) What are the applications of MS-Word.
6. Explain the process of creating Mail merge?
7) What are the features of spreadsheet? Explain
8) Explain about Macros in excel
9) What are the presentation features of power point? Explain.
10) Explain different types of slides.

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II sem - Programming with C & C++

1) C Tokens.
2) Advantages of 'c'
3) C datatypes
4) operators in C
5) Control structures in C
6) What is a function. Explain the types of functions
7) Explain about arrays
8) Difference between structures, unions, Enumeration
9) What are the OOPs concepts
10) Difference between OOP & POP

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B.Com (C.A) III sem

RDBMS

1) Explain about limitations of file Based system (Traditional)
2) Explain advantages & disadvantages of DBMS.
3) Explain types of Database Models?
4) Define DBA? Explain Functions & roles of DBA
5) Explain about Normal forms (1NF, 2NF, 3NF, BCNF & 4NF)
6) Explain SQL Commands. in Detail
7) Explain about SQL Constraints?
8) Define Joins? Explain different types of joins.
9) Explain about transaction properties (ACID)
10) Explain about concurrency transaction & control
11) Explain about 2 phase locking Protocol
12) What is DDBMS? Explain types of DDBMS.
13) Explain about 2 tier & 3 tier client/server architecture

B.Com (C.A) IV Sem

Web Technologies

1) What is HTML? Explain its advantages & disadvantages
2) What are the web design principles.
3) Explain about <Tables> tag
4) Explain about DHTML
5) Types & advantages of CSS
6) Creating multimedia effects with filters & Transactions
7) Datatypes & operators in Java script.
8) Explain about DOM
9) Event handle Techniques.
10) XML Stylesheet.
11) XML query language.

B.Com (C.A) III yr

V sem Sub: C++

1) What are Concepts of oops.
2) Compare procedure oriented & object oriented approaches
3) Explain Control structures in C++
4) What is Constructor? Explain different types of Constructors with examples.
5) What is class? Explain the properties of classes.
6) Explain the types of Inheritance with examples
7) Explain about polymorphism.
8) Explain the stream functions.
9) Define a stack explain applications of stack
10) What are Linked List? Explain the types of Linked Lists.

B.Com (C.A) III yr.

VI sem Sub: E-Commerce.

1) What is E-Commerce, what are its advantages & disadvantages
2) Explain types of E-Commerce.
3) Architectural framework for E-Commerce.
4) Explain different encription techniques.
5) Explain consumer-oriented E-Commerce techniques
6) Mercantile Process models
7) Explain digital Token-based E-payment system.
8) What is EDI Explain.
9) Applications of 5P's.
10) Role of digital marketing

B.Sc (MPCS) Iyr.

I Sem Programming in C.

1) Explain types of computers today?
2) write about different types of memories?
3) Explain the processes of creating and deleting files and folders?
4) what is multitasking and multiuser operating system?
5) what is program?
6) Explain different data types in "C"?
7) what is topdown programming?
8) Explain input and output functions in 'c'?
9) Explain arrays as arguments?
10) what are functions? what are the advantages and types of functions?

II sem., oops with C++

1) what are the concepts of oops.
2) Differences b/w C & C++
3) what is class & what is its structure
4) what is constructor explain its type.
5) Explain friend functions.
6) what are the operators in C++
7) Explain control structures in C++
8) what are arrays.? and Explain its types.
9) what is inheritance & what are its types
10) what is polymorphism. Explain its types with examples
11) what is Exception handling

B.Sc (MPCS) II yr

III Sem Data Structures through C++

1) Explain the types of Data structures
2) Explain about stack & its operations
3) Explain about Queues & its operations
4) what is Recursion explain it with an example
5) What is ADT
6) what are Linked Lists? Explain types of linked lists
7) what is a tree.? Explain the types of trees?
8) what is searching? Explain the types of searching techniques
9) what is Sort? Explain the types of Sort?
10) What is a Graph? Graph traversal techniques
11) Explain about Hashing?
12) Explain about Heap

IV Sem DBMS.

1) Advantages of DBMS
2) Database models
3) Entity types.
4) Relationship types.
5) Generalization & Specialization
6) Normalization (Basic & Advanced)
7) SQL Commands. types
8) Transaction properties.
9) Transaction state diagram
10) Concurrency Control

B.SC (MPCS) III yr.

CS5 PYTHON

1. Write short notes on python features.
2. What are the data types in Python.
3. Explain control structures in python.
4. What are functions? what are the benefits of functions
5. What are files? write short notes on file input & output.
6. What are exceptions? How do you handle exceptions in Python.
7. Explain Lists in Python
8. Explain Dictionary in Python
9. What is Recursive function? Explain recursion with example
10. What is object oriented programming? Explain Concepts of OOP.
11. What is Inheritance? Explain with example
12. What is GUI? Explain event driven application?

B.SC(MPCS) III yr CS7

Software Engineering

1) Explain S/w Process.
2) what are prescriptive process models? Explain its models
3) What are core Principles that guide Practice?
4) Explain about Establish the groundwork S/w Engineer modeling
5) What are validation requirements
6) Explain S/w architecture in detail
7) What are the views in components? Explain.
8) what are the design concepts
9) Explain. overview of the UML?
10) What is S/w Development life cycle.
11) Explain different types of diagrams in UML.

CS6. operating system.

1) Explain Types of operating system
2) what are the services of operating system.
3) what are the system calls of operating system.
4) what is schedules? Explain types of schedules
5) what are the CPU scheduling algorithms.
6) Explain process Control Block
7) what is memory management? Explain contiguous memory Allocation?
8) what is paging Explain about paging
9) what is page Replacement Algorithm? Types of page Replacement Algorithm?
10) what is critical section? what are the solutions of critical section problem
11) what is semaphore? Discuss about semaphore.
12) what is Deadlocks ? Explain about Deadlocks
13) Define Critical region

CS8. web Technologies.

1) what is HTML? Explain its advantages & disadvantages.
2) what are Text formatting tags in HTML.
3) Write about <Table> tag.
4) Explain object model in DHTML.
5) Explain text properties in CSS.
6) Explain Mouse events with examples.
7) what is Javascript? Explain its features, advantages & disadvantages.
8) Explain programming modules in Java script.
9) what are objects? List built-in objects in Javascript
10) what are Transitions ? what are different Transition filters.