Assignment Question Paper

Q.1 Differentiate architecture and organization in Computer system with suitable example.

Q.2 Which storage device is suitable for long time data storage and why? Explain any three reasons for this.

Q.3 Convert the following
   (a) \((1AC)_{16} = (\quad)_{10}\)
   (b) \((11001)_{4} = (\quad)?_{10}\)

Q.4 Prove that operating system is resource manager with example.

Q.5 Write down the internal and external commands of Dos with their syntax.

Q.6 Compare windows 95 and windows 98 with its features.

Q.7 What is DBA? Explain its functions.

Q.8 Write short notes on –
   (i) ISP
   (ii) DNS
Assignment Question Paper

Q.1 How floating point member is represented?

Q.2 Compare Combinational Circuit and Sequential Logic Gates.


Q.4 What are input/output Interrupts? Explain.

Q.5 What is micro operation? Explain its role in computer organization.

Q.6 What is assembler? Write a program for addition of two numbers in assembly languages.

Q.7 Define the following terms –

   (i) DMA    (ii) IOP

   निम्न पदों को परिभाषित करेंः

   (i) DMA    (ii) IOP

Q.8 What is virtual memory? Explain its writing.
Assignment Question Paper

Q.1 Computer modem based on operation mode and modem based on modulation.

Q.2 Differentiate analog and digital transmission. Which type of transmission is better? Give reason for this.

Q.3 Explain OSI model with all its layers.

Q.4 What is DNS? How does it work.

Q.5 Write about TCP Series.

Q.6 Write short notes on –
   (i) HDSL (ii) EDI

Q.7 What are the basis requirements of Network Security?

Q.8 Explain the Internet RFCs and TCP/IP standardization process.
Assignment Question Paper

Q.1 What are data types in C? Explain its classification.

Q.2 What are the operators in C Language? Explain bitwise and Conditional operator with progism.

Q.3 What are the functions? Also write advantages disadvantages of functions.

Q.4 What is 'structure' in C Language? Explain with a program.

Q.5 What are the dynamic memory allocate on functions in 'C' Language? Explain any two functions with a program.

Q.6 Write short notes on –

(i) Doubly linked list (ii) Circular linked list

Q.7 What is Binary tree? Explain its proprietors

Q.8 Explain DFS and BFS Traversal in a graph. Also write advantages and disadvantages of both.
Assignment Question Paper

Q.1 What is object oriented programming? Explain its main features.

Object Oriented प्रोग्रामिंग क्या है? इसकी मुख्य विशेषताएँ समझाए।

Q.2 Write a program in C++ to declare a Class named ‘student’ with attributes as roll no, name, percentage. Take input for them and display them.

C++ में एक प्रोग्राम लिखिए जिसमें ‘student’ नाम की class उद्धृतित करें एवं इसके गुण Roll No, Name, Percentage हैं। इनके लिए इनपुट ले और इन्हें प्रदर्शित करें।

Q.3 What is default constructor? Write a program for it.

Default Constructor क्या है? इसके लिए प्रोग्राम लिखिए।

Q.4 What is String Class? Explain it with suitable example.

String Class क्या हैं? इसे उचित उदाहरण के साथ समझाए।

Q.5 Differentiate Inheritance and Disinheritance. Explain with example.

इनहेरिटेंस एवं डिसइनहेरिटेंस में अंतर कीजिए? उदाहरण सहित समझाए।

Q.6 What are pure virtual functions? Write a program for it.

शुद्ध आभासी Functions क्या हैं? इनके लिए एक प्रोग्राम लिखिए।

Q.7 What is late binding in C++? How does it differ from early binding? Explain it.

C++ में Late binding क्या है, यह Early binding से किस तरह अलग है? इसे समझाए।

Q.8 What is File handling in C++? Write a program for this.

C++ में फाइल हेंडलिंग क्या है? इसके लिए एक प्रोग्राम लिखिए।
Assignment Question Paper

Q.1 What are the query execution Algorithms? Explain with suitable example.

Q.2 What do you mean by Heuristics in Query Optimization? Explain with example.

Q.3 Explain Referential Integrity Constraints with example.

Q.4 Write short notes on –
   (i) SQL  (ii) Distributed database

Q.5 What do you mean by ORDBMS? Explain its characteristics.

Q.6 Compare Data Fragmentation Vs Data Replication in DBMS.

Q.7 What is Database Operating system? Explain its features.

Q.8 Explain Deductive Databases on the basis of following –
   (i) Notations  (ii) Interpretation of Rules
Assignment Question Paper

Q.1 How many types of operators in SQL? Explain any two operators with suitable example.

SQL में Operator कितने प्रकार के होते हैं? कोई दो ऑपरेटर्स को उचित उदाहरण के साथ समझाइए।

Q.2 What is data Integrity? Explain its purpose and prerequisites.

डाटा इंट्रिग्रिटी क्या है? इसके उद्देश्य एवं शर्तें को समझाइए।

Q.3 Write short notes –

(i) SQL * Loader   (ii) Bad Files

संक्षिप्त टिप्पणी लिखिए।

(i) SQL * Loader   (ii) Bad Files

Q.4 Write main features of PL/SQL.

PL/SQL की मुख्य विशेषताएं लिखिए।

Q.5 What is procedures? How do we create and execute procedure.

प्रोसीजर क्या है? हम अपनी प्रोसीजर की उत्पत्ति एवं क्रियान्वयन कैसे करते हैं?

Q.6 What are triggers? Explain its types.

ट्रिगगर्स क्या हैं? इसके प्रकार को समझाइए।

Q.7 What do you mean by object relation databases?

ऑब्जेक्ट रिलेशन डेटाबेस से आप क्या समझते हैं?

Q.8 How can we create and manage Rollback segments? When Rollback information is required?

हम Rollback Segments को उत्पन्न एवं व्यवस्थित कैसे कर सकते हैं? हमें Rollback Information की जरूरत कब पड़ती हैं?
Assignment Question Paper

Q.1 Differentiate between window and windows. Also explain windows programming.

Window एवं Windows के बीच अंतर कीजिए | windows प्रोग्रामिंग के बारे में समझाइए |

Q.2 Write short notes on –

(i) Dialog boxes in VC++ (ii) Check box Control in VC++

संक्षिप्त टिप्पणी लिखिए |

(i) VC++ में डायलॉग बॉक्स (ii) VC ++ में चेक—बॉक्स नियंत्रण

Q.3 What do you mean by MFC printing application and how can use add functionalities to MFC print.

MFC प्रिंटिंग अनुप्रयोग से आप क्या समझते हैं और हम MFC Print में कार्य प्रणालियों को कैसे जोड़ सकते हैं?

Q.4 What is file and windows applications in VC++? Explain with example.

VC++ में File एवं Window अनुप्रयोग क्या हैं? उदाहरण सहित समझाइए |

Q.5 Differentiate status bar and tool bar in VC++.

स्टेटस बार एवं टूल बार में अंतर कीजिए |

Q.6 What do you mean by Active X control and OLE ? Explain in VC++ with example.

Active X Control एवं OLE से आप क्या समझते हैं ? VC++ में उदाहरण सहित समझाइए |

Q.7 How can we build an Active X Controls in VC++.

VC++ में Active X Controls को कैसे बनाते है?

Q.8 What is Template Library in VC++? Explain an ATL project.

VC++ में Template Library क्या हैं? एक ATL प्रोजेक्ट को समझाइए |