

Important question:-

Unit 3

Q1:-What are class and object in c++. Explain with a program.

Q2:- What is the significance of friend function? How is friend function different from member function?

Q3:- Explain virtual function with example.

Q4:- What is constructor? Explain different types of constructors in c++.

Q5:-What is overloading? Explain function overloading.

Q6:- What is the difference between constructor and destructor in C++.

Q7:- What do you mean by inheritance? Write a program for single inheritance.

Q8:- Explain different types of inheritance in C++.

Q9:- What are data structures? Explain various types of data structures.

Q10:- What is scope resolution operator. Explain its various uses.

Unit 4

Q1:-What is computer network? Discuss its advantages and disadvantages.

Q2:-Explain the various types of network?

Q3:-What is network topology? Explain different types of topology.

Q4:- What is internetworking? Explain its different types.

Q5:-Explain OSI model with working of each layers.

Q6:- What is TCP/IP model? Explain the different layer of this model.

Q7:- What is the difference between OSI and TCP/IP models?

Q8:-What is internet? Explain the application of internet. How it is different from WWW.

Q9:- What is E-Commerce? Explain the benefit of E-commerce.

Q10:-Describe the following terms with their types.

- 1) Virus
- 2) Worms
- 3) Malware
- 4) Trojan
- 5) Email spoofing
- 6) Logic bombs
- 7) Money laundering

Q11:- Explain about different networking devices?

Unit 5

Q1:-What is DBMS? Explain the advantages and disadvantages of DBMS.

Q2:- Explain the 3-tier architecture of DBMS.

Q3:- Compare the file oriented approach and database approach.

Q4:- What are the data models? Discuss the main categories of data models?

Q5:- Explain E-R model with suitable example.

Q6:- Explain DDL and DML queries (commands) with example?

Q7:-Write short notes on:

1. Keys
2. DBA
3. Data Independence
4. Data Dictionary

Q8:-What is cloud computing? What are the advantages of Cloud Computing?

Q9:-Explain all cloud computing models.

Q10:- Explain the different cloud services (IaaS, Paas, Saas).