

Distance Education, Jiwaji University, Gwalior
Assignment Work: PGDCA 2018 -19
[Object Oriented Programming with CC++]

Max.-30

Min. -12

Attempt any Five Questions.

1. Basic Concept of OOPS?
Basic Concept of OOPS समझाइए?
2. Explain in Detail –Encapsulation, Polymorphism?
Encapsulation , Polymorphism के बारे में समझाइए?
3. What is Keywords and constants?.
Keywords and constants क्या है?
4. What is Pointer and explain with example?
Pointer क्या है? उदाहरण सहित समझाइए?
5. What is Function and Main function Prototype?
Function and Main function Prototype क्या है?
6. Explain Constructor and Destructor with Suitable example?
Constructor and Destructor क्या है? उदाहरण सहित समझाइए?
7. What is Inheritance and it's type ?
Inheritance क्या है? तथा कितने प्रकार के होते है? समझाइए?
8. Explain in detail Exception Handling?
Exception Handling क्या है? उदाहरण समझाइए?

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Assignment Work: PGDCA 2018 -19
[Computer Organization & Architecture]

Max.-30

Min. -12

Attempt All Questions.

1. Explain Number System? Explain various Types of Conversion and Explain 1's Complement and 2's complement?
Number System, 1's complement and 2's complement को समझाइए? विभिन्न Conversion को समझाइए?
2. Explain -Ram, Static and Dynamic, Rom, EPROM, Cache Memory?
समझाइए— Ram, Static and Dynamic , Rom, EPROM, Cache Memory ?
3. Explain Boolean Algebra with law & Theorems?
Boolean Algebra with law & Theorems को समझाइए?
4. Difference between basic gate and universal gates.
अंतर बताइए— यूनिवर्सल गेट और बेसिक गेट।
5. Write note on the following-
निम्न लिखित पर टिप्पणी लिखिए—
 1. Flip flops clocked RS, D, JK flip flops.
 2. Interfacing buses, Bus formats address.
 3. Microprocessor.

Distance Education, Jiwaji University, Gwalior
Assignment Work: PGDCA 2018 -19
[Concept of DBMS]

Max.-30

Min. -12

Attempt any Five Questions.

1. What is Data Base Management System and advantage of Data Base Management System?
Data Base Management System क्या है? तथा Data Base Management System के लाभ समझाइए?
2. Explain Basic architecture of data base system.
Basic architecture of Data base system को समझाइए?
3. Explain Distributed Data base system in brief.
Distributed Data base system in brief को समझाइए?
4. What is Relational algebra concept?
Relational algebra concept को समझाइए?
5. What you understand by Data Base Language and also explain DDL and DML?
Data Base Language के बारे में आप क्या समझते हैं? तथा DDL and DML को समझाइए?
6. What is SQL and explain Querying?
SQL क्या है? तथा Querying समझाइए?
7. What is Function also explain : sqrt(),abs(),max(),min(),round(),len() ?
Function क्या है? तथा sqrt(),abs(),max(),min(),round(),len() समझाइए?

Distance Education, Jiwaji University, Gwalior
Assignment Work: PGDCA 2018 -19
[Software Engineering]

Max.-30

Min. -12

Attempt All Questions.

1. What is software cost estimation? Explain various models of software development life cycle?
Software cost estimation क्या है? software development life cycle के विभिन्न models को विस्तार में समझाइए?
2. What is Risk management? Explain software configuration Management.
Risk management क्या है? software configuration Management को विस्तार में समझाइए?
3. Explain coupling and cohesion with their types.
coupling and cohesion को उनके प्रकारों के साथ विस्तार से समझाइए।
4. What are CASE Tools? Explain various Types of CASE Tools used in SDLC?
CASE Tools क्या है? SDLC में प्रयोग होने वाले विभिन्न CASE Tools को समझाइए?
5. Write note on the following-
निम्न लिखित पर टिप्पणी लिखिए—
 1. Verification and Validation.
 2. Stress testing and performance testing.
 3. Error, Fault and Failures.