

No. of Printed Pages : 4
Roll No.

120861

Subject : Distributed Computing

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note:Objective type questions. All questions are compulsory (10x1=10)

- Q.1 IaaS stands for_____.
- Q.2 Two types of Hypervisor are _____ and _____.
- Q.3 CRM stands for_____.
- Q.4 List one application of cluster computing.
- Q.5 Give one challenge of cloud computing.
- Q.6 Mixture of public and private cloud is_____.
- Q.7 _____ company provide cloud services.
- Q.8 _____ is a type of service model in cloud computing.

(1)

120861

Q.9 _____ is a type of service model in cloud computing.

Q.10 Grid computing is same as cloud computing. (T/F)

SECTION-B

Note:Very short answer type questions. Attempt any ten questions out of twelve questions. (10x2=20)

- Q.11 Describe cluster computing.
- Q.12 List any two advantages of cloud computing.
- Q.13 List two characteristics of IaaS model.
- Q.14 Define public model.
- Q.15 Define Grid computing.
- Q.16 Describe the use of Hypervisor.
- Q.17 List any two interconnection technologies used in cloud.
- Q.18 Define peer to peer network.

(2)

120861

- Q.19 Describe Utility computing.
- Q.20 What is VPN.
- Q.21 Two types of vitalization are _____ and _____.
- Q.22 What ids CRM.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

- Q.23 Differentiate between Grid and Cloud computing.
- Q.24 What is Hypervisor. Explain its types.
- Q.25 Define IaaS model in detail.
- Q.26 Explain Virtualization and its types.
- Q.27 Write a note on Cluster computing.
- Q.28 Illustrate Grid computing along with its applications.
- Q.29 Explain various service models in cloud computing.

(3)

120861

- Q.30 List various challenges in the field of cloud computing.
- Q.31 Explain ubiquitous computing.
- Q.32 List various benefits of public model.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (3x10=30)

- Q.33 Explain cloud computing . Illustrate and explain various characteristics of cloud computing.
- Q.34 Explain various Deployment models in cloud computing.
- Q.35 Write a note on
- Grid Computing
 - Peer to Peer Network
 - Service model.
- Q.36 Differentiate between IaaS model and SaaS model in detail.

(1240)

(4)

120861

No. of Printed Pages : 4
Roll No.

120862

6th Sem.

Subject : Network Security

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note:Objective type questions. All questions are compulsory (10x1=10)

- Q.1 HTTP stands for _____.
- Q.2 Define disposable policy.
- Q.3 VPN stands for _____.
- Q.4 IDS stands for _____.
- Q.5 Mention the use of UPS.
- Q.6 Define backup recovery.
- Q.7 What is meant by virus.
- Q.8 Write down the full form of SSL.
- Q.9 What is meant by cipher text.
- Q.10 Mention the use of PGP in security.

(1)

120862

SECTION-B

Note:Very short answer type questions. Attempt any ten questions out of twelve questions. (10x2=20)

- Q.11 Name any two preventive measures against viruses.
- Q.12 Mention the various components of virus.
- Q.13 What is meant by application level virus scanners.
- Q.14 Mention the types of VPN.
- Q.15 What is meant by server disasters.
- Q.16 Why do we need hashing.
- Q.17 What are tear drop attacks.
- Q.18 Define differential backup.
- Q.19 What are Trojan horses.
- Q.20 Differentiate between inbound and outbound rules.

(2)

120862

Q.21 How can we handle cyber assets.

Q.22 What is meant by phreaker.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

Q.23 Write a short note on cyber ethics.

Q.24 What are the various things covered in cyber law (IT Act 2000).

Q.25 Define VPN with the help of diagram.

Q.26 Write down the various steps for modifying security policy.

Q.27 Differentiate between symmetric and asymmetric key cryptography.

Q.28 Differentiate between HTTPS and SSH.

Q.29 Define IDS. Mention the limitations of IDS.

Q.30 Explain RSA encryption with diagram.

Q.31 Write a short note on digital signatures.

Q.32 Explain the role of cabling in network disasters.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (3x10=30)

Q.33 What is the need of securing a network. Also discuss in brief the principle of security. How can we prevent our system from unauthorized access.

Q.34 Define firewall. Explain the types of firewalls. Also mention the advantages and limitations of firewall.

Q.35 What do you mean by RAID. What are its various levels. Explain in detail.

Q.36 Write a short note on the following:

a) Worms and Trojans.

b) Encryption and decryption.

(3)

120862

(1400)

(4)

120862

No. of Printed Pages : 4

Roll No. 120863/030865D/31454

6th Sem. / Computer, IT

Subject : Programming in Java

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note:Objective type questions. All questions are compulsory (10x1=10)

- Q.1 JIT stands for _____.
- Q.2 Define JVM.
- Q.3 What is meant by byte code.
- Q.4 Can we create our own exception classes (true or False).
- Q.5 Define multi threading.
- Q.6 Why is java known as platform neutral language.
- Q.7 Distinguish between class and object.
- Q.8 Write the syntax of for loop.

(1) 120863/030865D/31454

Q.9 A collection of similar items is called _____.

Q.10 What is the major difference between interface and classes.

SECTION-B

Note:Very short answer type questions. Attempt any ten questions out of twelve questions. (10x2=20)

- Q.11 Define exception handing.
- Q.12 Write down the benefit of inheritance.
- Q.13 How a package is imported in java.
- Q.14 Write syntax of while loop.
- Q.15 What is meant by garbage collection.
- Q.16 What are command line arguments.
- Q.17 What is meant by synchronization.
- Q.18 List any three common run time errors.
- Q.19 Mention two differences between java applet and java application.
- Q.20 Define polymorphism.

(2) 120863/030865D/31454

Q.21 What is meant by casting.

Q.22 Compare java with C.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

Q.23 How an object is created in java.

Q.24 Explain various types of arrays.

Q.25 State differences between JAVA and C++.

Q.26 Explain Java API packages.

Q.27 Write a program in java to print factorial of a number.

Q.28 Explain common java exceptions.

Q.29 How a thread can be stopped in java.

Q.30 Explain various access specifiers available in java.

Q.31 Differentiate between throw and throws.

Q.32 What is the purpose of finalizer.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (3x10=30)

Q.33 Explain various features of java.

Q.34 Define interface. How an interface is created and implemented in java.

Q.35 How can we add an applet to an HTML file.

Q.36 Explain in detail.

a) building application with JDK

b) java packages.

(3) 120863/030865D/31454

(1440)

(4) 120863/030865D/31454

No. of Printed Pages : 4

Roll No. 120264/030364/105243/105252/
105351/03262/030361/30151

6th Sem. / Common to All

Subject : E.D.M.

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory (10x1=10)

- Q.1 Full form of NABARD is
- Q.2 Meaning of Partnership.
- Q.3 Expand MSME.
- Q.4 Full form of TBI is
- Q.5 Meaning of Market Survey.
- Q.6 WHO is father of management?
- Q.7 Theory of Motivation is given by
- Q.8 Expand EOQ.
- Q.9 Full form of JIT is

Q.10 Meaning of Trade Mark.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

Define the following terms.

- Q.11 Line organisation.
- Q.12 Leadership style.
- Q.13 Business opportunity.
- Q.14 State Financial Corporations.
- Q.15 IPR.
- Q.16 Necessity of TQM.
- Q.17 Demand forecasting.
- Q.18 What is meaning of MRP?
- Q.19 Define HRM.
- Q.20 What is Income Tax?
- Q.21 What are objectives of NSIC?
- Q.22 Give importance of marketing.

(1) 120264/030364/105243/105252/
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(2) 120264/030364/105243/105252/
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SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

- Q.23 What do you understand by Entrepreneurship?
- Q.24 Discuss functions of MSME.
- Q.25 What do you understand by Commercial banks?
- Q.26 Enlist the various factors governing sales forecasting.
- Q.27 Explain briefly PPR.
- Q.28 Enlist in brief the importance of management.
- Q.29 What do you understand by democratic leadership?
- Q.30 What is the importance of Human Resource Management?
- Q.31 Explain in detail about Sales Tax.
- Q.32 Explain CRM and its need.

(3) 120264/030364/105243/105252/
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SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30

- Q.33 What are qualities and functions of Entrepreneur?
- Q.34 Explain in detail what factors should be Considered While making a final selection at the Product to be manufactured.
- Q.35 Explain the following :
- a) Common Errors in Project report Preparation.
 - b) Objectives of Management.
- Q.36 Discuss following :
- a) Sales Promotion Techniques
 - b) Performance Appraisal Methods.

(12340)

(4) 120264/030364/105243/105252/
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