

Periodical Test 2
Shri Vile Parle Kelavani Mandal's
SHRI BHAGUBHAI MAFATLAL POLYTECHNIC
Periodical Test # 2

Date and time: 31/05/2022, 08:30 AM to 09:45AM Max. Marks: 20
Course: Information Technology Subject: INTERNET SECURITY Code:
ISS190920

1991035

Instructions:

- All questions are compulsory.
- Figures to the right indicates full marks.
- Assume suitable data whenever and wherever is required.
- Use of scientific calculator is permitted.
- Mobile phones are not allowed during examination and keep it switch off.

Illustrate your answer with neat figures, wherever required.

Q.No. CO

Q1. Attempt Any TWO out of THREE (3 marks each)

- | | | |
|----|--|-----|
| a) | Compare WEP and WPA protocols. | CO3 |
| b) | Discuss password cracking with the help of Brute force attack/list and explain working of any two tools used for password cracking | CO1 |
| c) | List the ten commandments of Ethical hacking | CO1 |

Q2. Attempt Any TWO out of THREE (4 marks each)

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|----|---|-----|
| a) | Illustrate the association between firewall and DMZ, explain your answer with a diagram. | CO3 |
| b) | Define 'Anonymity on the Internet'. Explain the working of TOR anonymizer with the help of neat diagram | CO3 |
| c) | With the help of a flow diagram describe the steps involved in Digital Forensics | CO1 |

Q3. Attempt Any ONE out of TWO (6 marks each)

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|----|---|-----|
| a) | with the help of block diagram. Explain how each key is derived in 802.11 and the usage to which the keys are applied | CO3 |
| b) | Explain the working of following tools a)Autopsy b)COFEE | CO1 |

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Roll No.: _____

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Periodical Test – II

Course : Management
Information system

Programme : IT

Date : 30.5.2022

Course Code : MIS190914

Semester : VI

Time : 8:30

Marks : 9:30am
:20

Q.1	Attempt any TWO of the following	(02 X 03)	CO
a.	Describe Herbert Simon's decision-making process with diagram.		CO3
b.	Differentiate between service and product.		CO2
c.	Illustrate the role of SCM and impact of the SCM		CO4
Q.2	Attempt any TWO of the following	(02 X 04)	
a.	Discuss e-commerce business categories in detail with suitable example.		CO5
b.	Define SCM processes in detail with suitable diagram.		CO4
c.	Describe the components of DSS with neat diagram		CO3
Q.3	Attempt any ONE of the following	(01 X 06)	
a.	Enlist the management challenges in developing global system with business organization in MIS and describe the challenges in detail.		CO5
b.	State two objectives of customer relationship management and describe the different phases of the CRM.		CO4

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Periodical Test # 2

Programme : Information Technology
Course : E-Commerce
Date : 02-06-2022

Semester : VI
Code : ECO190917
Time : 8.30 AM-9.45 AM
Max. Marks : 20

Instructions:

- All questions are compulsory.
- Figures to the right indicate full marks.
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- Mobile phones are not allowed during the examination and keep it switch off.
- Illustrate your answer with neat figures, whenever required.

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- Q1. Give the answers of the following questions (Any TWO)** 6 CO
- 1 Describe why Active X controls security is important? How is it done? 3
- 2 Enlist the factors affecting the consumer behaviour and explain in brief. 2
- 3 Explain E- Cash Payment system with suitable diagram. discuss its merits and demerits. 3
- Q2. Give the answers of the following questions (Any TWO)** 8
- 1 Define Branding and describe the importance of branding. 2
- 2 Explain stages of E-Commerce Security plan with suitable diagram. 3
- 3 Define the term Intellectual Property. Discuss the techniques to protect Intellectual Property in E-Commerce. 4
- Q3. Give the answers of the following questions (Any ONE)** 6
- 1 Explain in detail CRM systems with the help of a neat diagram. 3
- 2 Describe in details the working of SSL. Draw a suitable diagram. 3

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Roll No.: _____

Instructions:

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Periodical Test – II

Course : Advanced Web
Technology

Programme : Information
Technology

Date: 03-06-2022

Course : AWT190918
Code

Semester : VI

Time: 8:30-9:45am
Marks :20

Q.1	Attempt any TWO of the following	(02 X 03)	CO
a.	State Features of ADO.Net(any three)		CO5
b.	Compare Post back and cross page post.(any three)		CO3
c.	Define virtual directory and write steps to create the same.		CO3
Q.2	Attempt any TWO of the following	(02 X 04)	
a.	Explain any two web control with example.		CO3
b.	Describe server.Transfer and Response.Redirect with example.		CO3
c.	Explain connected and disconnected architecture of ADO.net		CO5
Q.3	Attempt any ONE of the following	(01 X 06)	
a.	Apply Server side state management with example		CO3
b.	Demonstrate the use of compare validator and range validator control with example.		CO3

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Program Diploma in Information Technology

Periodical Test # 2 **Date and time:** 01/06/2022, 08:30 am to 09:45 am **Max. Marks:** 20

Course: Emerging trends in Information Technology **Code:** EIT190912

Instructions:

- All questions are compulsory.
 - Figures to the right indicate full marks.
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 - Use of scientific calculator is permitted.
 - Mobiles phones are not allowed during the examination and keep it switch off.
- Illustrate your answer with neat figures, wherever required.**

Q.No.		Marks	CO
Q1.	Attempt Any TWO out of THREE (3 marks each)	06	
a)	Describe the need of Data Science in brief.		CO4
b)	Enlist and explain the Types of Artificial intelligence (Any 2)		CO4
c)	Describe any 6 Features of Kubernetes in brief.		CO3
Q2.	Attempt Any TWO out of THREE (4 marks each)	08	
a)	Explain following terms with respect to Enterprise Splunk. 1) Machine learning 2) Machine Data 3) Operational Data Insights 4) Business Intelligence		CO4
b)	Explain the working of following Docker Commands 1) docker pull 2) docker images 3) docker run 4) docker exec		CO3
c)	Compare Docker with Ansible (any 8 differences)		CO3
Q3.	Attempt Any ONE out of TWO (6 marks each)	06	
a)	Draw Splunk architecture diagram and Explain the features and functions of each Element.		CO4
b)	Compare the following terms A. Data Science with Business Intelligence on factor Concept, Data, Flexibility, Complexity, Tools etc B. Artificial intelligence with Data Science on factors Scope, application, type of data, tools etc.		CO4

CO No.	COURSE OUTCOME
CO1	Develop Responsive web for good user experience on different devices
CO2	Develop server-side data-driven web application logic in Node Js
CO3	Use DevOps for collaboration between development and operation team to deploy, optimize speed to deliver application
CO4	Describe the concept of Data science and Artificial Intelligence