



**ANJUMAN-I-ISLAM'S  
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,  
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY  
 SCHOOL OF PHARMACY  
 SCHOOL OF ARCHITECTURE

**DEPARTMENT OF COMPUTER ENGINEERING**

CLASS:- BE	SEM:- VII
SUBJECT:- CSS	DATE:- 24/08/2018
DURATION:- 60 mins.	MARKS:- 20

**UNIT TEST 02**

Q.01 Attempt any 5: (10 Marks)	Marks	CO
a) Define key rings in PGP?	2	CO5
b) List n Explain in short any 4 types of DoS Attack?	2	CO6
c) What is role of CA in Digital Certificate?	2	CO3
d) Differentiate between spoofing and Sniffing attacks?	2	CO6
e) List different types of virus and worms?	2	CO2, CO3
f) What is ARP Spoofing?	2	CO5

**Q.02 Attempt any 1: (05 Marks)**

a) Short Note on : Different types of Firewalls	5	CO6
b) What all various way of memory protection in Operating System?	5	CO, CO3

**Q.03 Attempt any 1: (05 Marks)**

a) Short Note on : Different types of IDS	5	CO6
b) Compare and Contrast MD5 and SHA	5	CO3



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REV:00	<b>QUESTION PAPER CLASS TEST 02</b>	<b>EXM-04 B</b>
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CLASS:- <b>BE CO</b>	SEM:- <b>VII</b>
COURSE:- <b>DIGITAL SIGNAL PROCESSING (DSP)</b>	DATE:- <b>23/10/2018</b>
DURATION:- <b>60 Min.</b>	MARKS:- <b>20</b>

**CLASS TEST 02**

<b>Q.01 Attempt any Five: (10 Marks)</b>		<b>Marks</b>	<b>CO</b>
a)	Explain causal and non-causal systems	<b>02</b>	<b>CO2</b>
b)	Compare 16 point DFT & FFT systems with respect to the number of complex additions and multiplications required.	<b>02</b>	<b>CO3</b>
c)	State whether the system $y(n) = x(n) + 2x(n-2)$ are i) Causal or non causal ii) Static or dynamic	<b>02</b>	<b>CO2</b>
d)	Write the twiddle factor matrix for a 4pt signal	<b>02</b>	<b>CO3</b>
e)	State any four DFT properties.	<b>02</b>	<b>CO3</b>
f)	Draw the radix 2 DIT-FFT flow graph and find the DFT of the sequence $x = \{10, 11, 8, 5\}$	<b>02</b>	<b>CO3</b>
<b>Q.02 Attempt any One: (05 Marks)</b>			
a)	Compute the Linear convolution using OVERLAP SAVE method of the following causal sequence: $x(n) = \{4, 4, 3, 3, 2, 2, 1, 1\}$ $h(n) = \{-1, 1\}$	<b>05</b>	<b>CO3</b>
b)	Explain a real time application of DSP used in Bio medical Signal Processing.	<b>05</b>	<b>CO4</b>
<b>Q.03 Attempt any One: (05 Marks)</b>			
a)	Find the DFT of 8pt sequence using DIT-FFT method. For $x(n) = \{1, 0, 2, 0, 4, 0, 6, 0\}$	<b>05</b>	<b>CO3</b>
b)	Find the DFT of the sequence $x = \{10, 11, 8, 5\}$ using formula method and DFT matrix method.	<b>05</b>	<b>CO3</b>

**CRITERION : 2.2.2,**

**FILE NO : P25, P31**

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Vision : To be the most sought after academic, research and practice based department of Computer Engineering that others would wish to emulate.



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CLASS:- BE	SEM:- VII
SUBJECT:- ERP & SCM	DATE:- 23/10/2018
DURATION:- 60 mins.	MARKS:- 20

**CLASS TEST 02**

Q.01 Attempt any 5: (10 Marks)		Marks	CO
a)	Explain SCOR Model.	2	CO-1
b)	List the various mathematical models used in supply chain.	2	CO-1
c)	Explain make versus buy model with example.	2	CO-4
d)	Explain E-Procurement with example.	2	CO-2
e)	Explain RFID with example.	2	CO-1
f)	Explain Bar Coding with example.	2	CO-3
Q.02 Attempt any 1: (05 Marks)			
a)	Explain the characteristics of agile supply chain and explain how agility can be achieved in supply chain.	5	CO-1
b)	Explain EDI along with its benefits.	5	CO-3
Q.03 Attempt any 1: (05 Marks)			
a)	Explain News Paper Supply Chain	5	CO-2
b)	Explain the strategy used by Mumbai Dabbawalas.	5	CO-3



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REV:00	<b><u>CLASS TEST - 02</u></b>	EXM-04 B
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CLASS:- BE	SEM:- VII
COURSE:- AI	DATE:- <b>24/10/2018</b>
DURATION:- <b>60 Min.</b>	MARKS:- <b>20</b>

**CLASS TEST- 02**

<b>Q.01 Attempt any Five: (10 Marks)</b>		<b>Marks</b>	<b>CO</b>
a)	Which is not the commonly used programming language for AI ? a) PROLOG b) Java c) Javascript d) Perl	<b>02</b>	<b>CO3</b>
b)	State Space is representing your problem with variable and parameter. ( State True OR False with justification )	<b>02</b>	<b>CO3</b>
c)	A heuristic function is a function which returns an object. ( State True OR False with justification )	<b>02</b>	<b>CO3</b>
d)	Write FOL statements for following statements : a) Every perfect square is divisible by some prime. b) Alice does not like Chemistry and History. c) If it is Saturday and warm , then Sam is in the park. d) Anything anyone eats and is not killed by is Food.	<b>02</b>	<b>CO3</b>
e)	Convert the following propositional logic statement into CNF : $A \rightarrow (B \leftrightarrow C)$	<b>02</b>	<b>CO3</b>
f)	Differentiate between Forward and Backward chaining	<b>02</b>	<b>CO3</b>
<b>Q.02 Attempt any One: (05 Marks)</b>			
a)	What is supervised learning and Unsupervised learning ? Give example of each	<b>05</b>	<b>CO6</b>
b)	Write a short note on Decision Tree Algorithm	<b>05</b>	<b>CO4</b>
<b>Q.03 Attempt any One: (05 Marks)</b>			
a)	Explain partial order planner with an example	<b>05</b>	<b>CO5</b>
b)	Consider the following axioms : a) All people who are graduating are happy. b) All happy people smile. c) Someone is graduating.  i) Represent these axioms in First Order predicate Logic. ii) Convert each formula to clause form. iii) Prove that "Is someone smiling ?" using Resolution technique.	<b>05</b>	<b>CO3</b>

**CRITERION : 2.2.2, 3.2.2.**

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