LOYOLA ACADEMY DEGREE & P.G. COLLEGE, ALWAL, SECUNDERABAD-10 (An Autonomous and Re- Accredited with Grade 'A' by NAAC)

II YEAR – II SEMESTER, MCA Examinations, July, 2013

Subje Sub. Date	Code Maca warehousing and Data Mining				
Note:	Answer any ONE from each unit. All Questions carry equal marks: $[5 \times 20 = 1]$	00 M]			
	TINITE I				
[b]	Explain Data Mining related issues and future trends. What are closed for more than the second for the second	[8 M]			
	What are closed frequent itemsets and maximal frequent itemsets, confidence and support?	[12 M]			
2. [a]	Discuss the				
[b]	Discuss the concept of interestingness. Discuss Apriori Algorithm in the items.	[8 M]			
	Discuss Apriori Algorithm in detail.	[12 M]			
3. [a]	Define a decision tree. Explain in detail about the construction of decision trees.	[12 M]			
[b]	Write about the applications of clustering.	[8 M]			
	[OR]				
4. [a]	Explain Regression and different classes of Regression.	[6 M]			
[b]	Explain Partitioning methods used in clustering.	[14 M]			
5.5.3	<u>UNIT – III</u>	[10]			
5. [a]	What are the external trends affecting Data Mining.	[10 M] [10 M]			
[b]	Write about the benefits of a data warehouse.	[10 M]			
6 [0]	[OR] Describe the life cycle of data.	[12 M]			
6. [a]	Discuss the issues in integrating from various disparate sources.	[8 M]			
[b]	UNIT – IV				
7. [a]	Explain the architecture of a Data warehouse.	[12 M]			
[b]	What is dimensional modeling? Write about its strengths.	[8 M]			
[0]	[OR]				
8. [a]	What do you understand by slowly changing dimensions. Explain.	[10 M]			
[b]	Define a fact table and a factless fact table. Describe the characteristics of a fact table	e. [10 M]			
	<u>UNIT – V</u>				
9. [a]	Discuss the importance of keys in the Data Warehousing Schema.	[8 M]			
[b]	Describe the process of Data loading in detail.	[12 M]			
IORI					
10.[a] [b]	Briefly explain the different models of OLAP. Differentiate ROLAP and MOLAP. Define Data quality. Explain the different categories of errors which affect to data.	[12 M] he quality of [8 M]			

LOYOLA ACADEMY DEGREE & PG COLLEGE, OLD ALWAL (An Autonomous and Re-Accredited with 'A' Grade by NAAC) MCA Examination, July 2013

	Exam Time: 3 hrs Max. Marks: 100
Answer the following questions	$5 \times 20M = 100M$
 a) Give nested unordered list. b) Explain inline style sheet with example a) Explain form elements. b) Explain how to create user style sheet. 	15M 5M 12M 8M
 3. a) Explain ONERROR event b) Explain object referencing 4. Explain TDC binding to table tag. 	12M 8M 20M
 5. a) Explain I/O in Java script b) Give the methods of Math Class. (OR) 6. Write a Java Script program for linear search using Arrays. 	10N 10N 20N
7. a) Explain variant sub types in VB script.b) Explain PWS.(OR)	12F 8N
8. Give string functions in VB script.	20
9. a) Explain session tracking.b) Explain DTDs in XML.(OR)	10
10. Explain string processing in XML.	2

LOYOLA ACADEMY DEGREE & PG COLLEGE, OLD ALWAL (An Autonomous and Re-Accredited with 'A' Grade by NAAC) MCA Examination, July 2013

Subject: Unix Programming Exam Time: 3 hrs Sub. Code: MCA11403 Max. Marks: 100	
Answer the following questions $5 \times 20M = 100M$	100 A
CAPIAIII Ine Univ file etmotion	10M 10M
 2. a) Define grep family and compare the members of the family. b) Discuss about awk command. c) Explain in detail about the USS 	8M 4M 8M
a) Write short notes on socket addresses.b) Explain about input/output multiplexing.	10M 10M
D) Explain about internet and	10M 10M
 a) Discuss about origin and uses of PERL. b) Discuss in detail about pattern matching in PERL with example. (OR) 	10M 10M
a) Explain about common Gateway interface.b) Explain about Query string format.	10M 10M
 a) Give an overview of PHP and its characteristics with operations and expressions. b) Write short note cookies and session tracking. (OR) 	12M 8M
a) Explain about arrays and functions of PHP with suitable examples.b) Explain about database access in MySQL.	12N 8M
 a) Discuss in detail about lists, dictionaries and tuples in Python. b) Explain about files and I/O of Python with examples. (OR) 	10N 10N
a) Discuss about function and programming using functions in Python with examp	les.
b) Discuss the mapping and set types of Python.	8N

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LOYOLA ACADEMY DEGREE & PG COLLEGE, OLD ALWAL (An Autonomous and Re-Accredited with 'A' Grade by NAAC) MCA Examination, July 2013

Subject: Unix Programming Sub. Code: MCA11403 Exam Time: 3 hrs Max. Marks: 100	
Answer the following questions $5 \times 20M = 100M$	
 a) Explain in detail about three levels of security in Unix. b) Explain the Unix file structure. 	10M
 2. a) Define grep family and compare the members of the family. b) Discuss about awk command. c) Explain in detail about the different patterns available in awk. 	10M 8M 4M 8M
3. a) Write short notes on socket addresses.b) Explain about input/output multiplexing.	10M 10M
 4. a) Discuss briefly about elementary socket system calls. b) Explain about internet super server. 	10M 10M
5. a) Discuss about origin and uses of PERL.b) Discuss in detail about pattern matching in PERL with example.(OR)	10M 10M
6. a) Explain about common Gateway interface.b) Explain about Query string format.	10M 10M
7. a) Give an overview of PHP and its characteristics with operations and expressions.b) Write short note cookies and session tracking.(OR)	12M 8M
8. a) Explain about arrays and functions of PHP with suitable examples.b) Explain about database access in MySQL.	12M 8M
 a) Discuss in detail about lists, dictionaries and tuples in Python. b) Explain about files and I/O of Python with examples. (OR) 	10M 10M
0. a) Discuss about function and programming using functions in Python with example	les.
b) Discuss the mapping and set types of Python.	12N 8M

LOYOLA ACADEMY DEGREE & PG COLLEGE, OLD ALWAL (An Autonomous and Re-Accredited with 'A' Grade by NAAC) MCA Examination, July 2013

Subject : Distributed Systems Sub. Code : MCA11406	Exam Time: 3 hrs Max. Marks: 100
Answer the following questions	$5 \times 20M = 100M$
 a) Define Distributed System. Discuss the goals b) Explain the types of Distributed Systems. 	s of Distributed Systems. 10M 10M
 2. a) Explain threads in Distributed Systems. b) Explain the software agents in distributed systems. 	10M tem. 10M
3. a) Discuss the implementation of DNS.b) Discuss about mutual exclusion.	10M 10M
 4. a) Explain physical and logical clocks in distributed b) Discuss Election Algorithms in distributed sy 	uted systems. 10M stems. 10M
5. a) Explain client-centric consistency models.b) Explain consistency protocols.	10M 10M
6. a) Explain about distributed commit and Recove b) Explain Reliable client-server communication	
7. a) Explain about CORBA architecture and its seb) Explain CODA file system.	ervices. 15M 5M
(OR) 8. a) Write a comparison between CORBA, DCON b) Explain SUN NFS features.	M and GLOBE. 15M 5M
a) Explain Memory coherence.b) Discuss the design issues of distributed share (OR)	ed Memory. 10M
a) Issues in load distributing b) Components of load distributing algorithms.	10M 10M

LOYOLA ACADEMY DEGREE & PG COLLEGE, OLD ALWAL

(An Autonomous and Re-Accredited with 'A' Grade by NAAC) MCA (IV semester) Examination, January 2013

Subject Unix Programming Sub. Code: MCA11403

8.

9.

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Exam Time : 3 hrs Max. Marks: 100

Max, Marks :	100
Answer the following questions	
UNIT - I 1. a) Discuss the file structure of Unix. b) Explain the different types of patterns in awk.	8M 12M
2. a) What are the three levels of security in Unix. Explain in detail a command.b) Write an awk script that finds the total number of fields and total no. given file.	
2 - VIII - UNIT-II	
3. a) What is a socket? Explain any 5 elementary socket system calls.b) What is internet super server? Discuss its advantages and disadvantages.	10M 10M
4. a) Discuss about Asynchronous I/O.b) What is out-off-band data? Explain how TCP and SPP handle it.	10M 10M
UNIT-III	
a) Discuss about the origin of PERL.b) Explain the control statements in PERL with suitable examples.	8M 12M
 a) What are Hashes? Explain how they are different from arrays with an explain by Write a program that counts the number of occurrences of words in a gi where each word is separated by a space on a line. The output should dwords with their frequency of occurrences. 	ven input file
UNIT-IV	,
a) Discuss about file input and output in PHP?	10M
b) Explain about cookies and session tracking?	10M
a) Explain the pattern matching feature of PHP?b) Discuss the Architecture for database access.	10M
b) Discuss the Architecture for database access.	10M
UNIT - V	
a) Explain about the three models into which python objects can be groupeb) What are lists? Explain how they are represented in Python? Write methods on lists?	d. 8M any 5 built in 12M
a) Discuss about local and global variables with suitable examples.b) What is a class? Write an example to implement stack class.	8M 12M