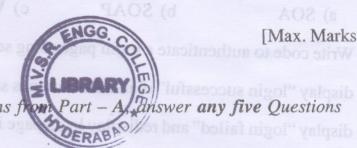
Codes a grant a stall

Code No. : 3165

FACULTY OF INFORMATICS B.E. 4/4 (IT) I Semester (Main) Examination, November/December 2010 MIDDLEWARE TECHNOLOGIES wolld and allow at the

Time: 3 Hours]



[Max. Marks: 75 12. Write code to authenticate

Note	•	Answer all Questions fr
		from Part – B.

3. Explain the CORBA architecture and list the responsibilities of ORB PART – A

(25 Marks)

1.	What is a web server ?	2
2.	How do you retrieve client data using servlet ?	3
3.	What are the basic components of struts framework ?	3
4.	What is dependency injection in EJB 3? meed withe to slove all malqx? (8.71	2
5.	List the main differences between EJB 2.1 and EJB 3.	2
6.	What is the difference between stateful session bean and stateless session bean?	3
7.	What is CTS in .NET ?	3
8.	Give an example for middleware services provided by application servers.	3
9.	Write the driver class of Oracle database.	2
10.	Compare COM and CORBA.	2



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		50 Marks)
11. E	xplain the following: OO IOM HOTT BRAWELIGGIN	
	a) SOA b) SOAP c) WSDL	10
12. W	Vrite code to authenticate a login page using servlet and database (any) :	HE: 0110
di	isplay "login successful" if authentication is successful	
di	isplay "login failed" and redisplay login page if authentication fails.	
13. E	Explain the CORBA architecture and list the responsibilities of ORB.	10
14. a)) Explain flow of control of a struts application with diagram.	6
b) Write a formbean class for registration form.	4 I What
15. E	Explain .NET architecture in detail. Ivine goisu atab meilo eventer uoy ob	01 2. How
16. E	Explain EJB 3 architecture in detail.	01 3. Wha
17. a)) Explain life cycle of entity bean.	8 4. Wha
	b) What is object relational mapping?	2