

Reg. No.:

Name :



VIT

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Final Assessment Test (FAT) – April 2019

Programme	: B.Tech (CSE)	Semester	: Winter 2018– 19
Course Title	: Database Management Systems	Code	: CSE2004
		Class Nbr(s)	: C2
Faculty (s)	: Dr.B.Saleena/ Dr.R.Parvathi/ Prof.M.Premalatha	Slot	: 1126 /1125/2420
Time	: Three Hours	Max. Marks	: 100

Answer all the Questions

1.	<p>Consider a University domain which keeps information about Students, Faculty, Classes, and Enrolment etc. They maintain all the information in spreadsheets.</p> <p>(i) As a database expert, point out the drawbacks of using this system. Highlight the advantages of migrating to a relational database model. [5]</p> <p>(ii) Discuss the people who work behind the scene to maintain the database environment. [5]</p>	10															
2.	<p>Convert the following relational schemas/ relational models into E-R Diagram</p> <p>(i) tvshow(<u>title</u>, channel) part(<u>season</u>, <u>episode</u>, title) [3]</p> <p>(ii) employee(name, salary, job, address(state, street_address(apartment_number, street, number), city, zip), age) [2]</p> <p>(iii)</p> <div><div><p>Purchase Order</p><p>No. 03128</p><p>Date: 3/18/98</p><p>Ship Via: U.P.S.</p><p>Payment: Cash</p></div><div><p>To John Swenson</p><p>14 Crossroads Place</p><p>Fremont, NV</p></div></div> <table><tr><th>Product</th><th>Quantity</th><th>Amount</th></tr><tr><td>x47-180</td><td>2</td><td>25.00</td></tr><tr><td>x47-191</td><td>2</td><td>32.00</td></tr><tr><td>x25-340</td><td>1</td><td>21.00</td></tr><tr><td></td><td></td><td>78.00</td></tr></table>	Product	Quantity	Amount	x47-180	2	25.00	x47-191	2	32.00	x25-340	1	21.00			78.00	10
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