



**THE AMERICAN COLLEGE, MADURAI**  
(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade “A”, CGPA – 3.46 on a 4-point scale  
**Backlog Arrear Examination, March 2021**

**COURSE CODE : COS 1282**

**TIME : 2 Hrs**

**COURSE TITLE : Introduction to DB concepts**

**MARKS : 60**

Answer **any 4** questions

**4\*15 = 60**

1. Give a brief note on ER Model with suitable example.
2. Point out the operations of relational algebra
3. Comment on DDL and DML commands
4. Brief on states of Transaction with suitable diagram
5. Explain Normalization with an example
6. Write note on 3-tier architecture of Database Management system

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