

ANDHRA LOYOLA COLLEGE (AUTONOMOUS) VIJAYAWADA

COMPUTER SCIENCE - MODEL PAPER (COVID-19)

(THIS PATTERN CARRIES FOR II, IV & VI SEMESTERS)

Time: 3 Hrs

Max Marks: 100

PART-A

I. Answer any Five of the Following:

5 X 20 = 100 M

1. Explain about Database Components ?
Explain about Data Independence ?
2. Explain about advantages and disadvantages of DBMS ?
Explain about DBMS Architecture ?
3. Explain about different Data Models ?
4. Explain about Integrity Constraints ?
Explain about DML Commands in SQL ?
5. Explain about ER Model concepts with example ?
6. Explain about Generalization ?
Explain about Specialization ?
7. Explain about Nested Queries in SQL ?
Explain about different types of Joins ?
8. Explain about EER mapping to relations ?
9. Explain about insertion, deletion and updation anomalies in database design ?
Explain about partial functional dependency ?
10. Explain about 3NF ?
Explain about BCNF ?

~~@@@~~