

**Goa Vidyaprasarak Mandal's**  
**GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS**  
**FARMAGUDI-PONDA**  
**B.C.A. UGC-CCFUP (SEMESTER -III) Intra Semester Assessment(ISA-I) August 2024**  
**Database Management Systems(CSA-201)**

**Duration :30 mins**

**Max marks: 7.5**

Q.1.A Define the following:

i. DDL

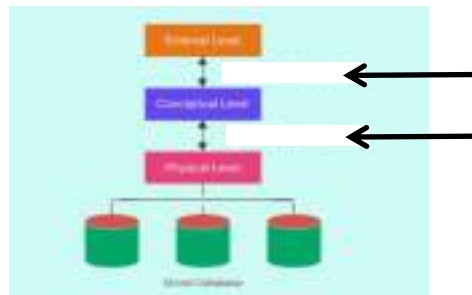
(1) [BL1][CO1]

ii. Internal Level of Schema Architecture

(1) [BL1][CO1]

Q.1.B. Identify the two levels of data independence in DBMS in the diagram below.

(1) [BL2][CO2]



Q.2. Differentiate between Hierarchical Data Model and Relational Data Model.

(2)  
[BL4][CO3]

Q.3. Sketch an ER-Diagram with following specifications:

(2.5) [BL3][CO3]

a. Faculty entity

b. Student Entity

c. Show relation between faculty and student by specifying the cardinality of their relationship.