

**SYNERGY INSTITUTE OF ENGINEERING AND TECHNOLOGY, DHENKANAL**

Near NH-55, Banamali Prasad – 759001

**Assignment-I**



**Full Marks-40**

**Duration-Within 1 Week from Notification**

**Name-**

**Registration No-**

**Subject with Code: Database Engineering(CSPC2004)**

**Course & Branch: B. Tech: CSE**

**Year & Semester: 2<sup>nd</sup> & 4<sup>th</sup>**

**Section- A**

**Answer All Questions**

1. What is data base? [2marks][CO1][L2]
2. What is schema? [2marks][CO1][L2]
3. List the types of data base models? [2marks][CO1][L2]
4. What is primary key? [2marks][CO1][L1].

**Section-B**

**Answer All Questions**

1. Explain three level architecture of DBMS? [6marks][CO1][L2]
2. Explain the ER model and its Components? [6marks][CO1][L2]

**Section-C**

**Answer All Questions**

1. What is database language , Explain in detail? [10 marks][CO1][L2]
2. What is generalization, specialization and aggregation? Explain how these are used in ER Diagram with suitable example. [10 marks][CO1][L2]