**Pragnya Education Trust’s**

**Pragnya college of management & computer studies,**

**Handewadi, Pune-411060,**

**Assignment(2020-2021)**

**Class: B.B.A (CA) Semester VI**

**Sub: Recent Trends in Information**

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1. Explain Heuristic search techniques: Hill Climbing, Best First search?
2. Explain Multidimensional data model? Advantages & uses of Data Warehouse?
3. Write about Data mining issues? Write about Data Mining versus Knowledge Discovery in Databases?
4. Explain Apriori algorithm, FP tree algorithm?

**Sub: Software Testing**

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1. Explain Cyclometic Complexity Metrics? Provide Examples on Cyclometic Complexity?
2. Explain Smoke Testing, Load Testing & Performance Testing?
3. Explain SQA Plan? Write a note on Six sigma?
4. Explain the Testing of Client/Server Architectures?

**Sub:** **Advanced Java**

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1. Explain what is JSP? Explain JSP Life Cycle?
2. Explain the concept of Sockets, Reading from and Writing to a Socket.?
3. Explain Hibernate Mapping Files, Mapping Types?
4. Write a program \

 – Create a form to enter employee details like employee first name, last name, address, (Multiline text), Joining date, Gender, Permanent or Temporary radio buttons.Save the details in the database on click of ‘Save’ button.

**Sub: Android Programming**

1. Write about displaying Google Map? Getting the location that was touched? Getting Location Data?
2. Explain the concept of SQLite Programming, SQLiteOpenHelper and SQLiteDatabse?
3. Explain Grid Layout, Constraint Layout, Frame Layout?
4. Write about List View, Toast, Scroll View, ProgressBar View ?