**Pragnya Education Trust’s**

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

**Handewadi, Pune-411060,**

**Assignment(2017-18)**

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

**Sub: Advanced Web Technologies**

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1. Explain the concept of Servelet? Explain the concept of Sessions, Cookies,URL Rewriting?
2. Explain the concept of client side scripting ? Explain Javascript history? Explain the concept of Javascript variable?
3. Explain the different operators, Functions & Built-in Objects?
4. Explain concept of web service? Write example webservice to bring Employee details from Employee table?

**Sub: Advanced Java**

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1. Explain JDBC Process in detail? Explain working with ResultSet Interface?
2. Explain the concept of Multithreading? Explain Life cycle of Thread?
3. Explain the concept of Sockets, Reading from and Writing to a Socket.?
4. Explain the concept of Hibernate?

**Sub:** **Recent Trends in IT**

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1. Explain the concept of Data warehouse? Explain Structure of Data Warehouse?
2. Explain Heuristic search techniques: Generate and test, Hill Climbing, Best First search, Constraint Satisfaction, Mean-End Analysis,?
3. Explain the concept of Data mining? Explain data mining techniques?
4. Explain concept of Spark SQL and Data Frames?

**Sub: Software Testing**

1. Explain the concept of Software reviews, Formal Technical reviews, Inspection and walkthrough?
2. Explain White Box Testing and types of white box testing? Write about Test Case Design?
3. Explain the concept of System Testing & Acceptance Testing (alpha, Beta testing)?
4. Write about Performance Testing, Regression Testing , Smoke Testing & Load Testing?