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| |  |  | | --- | --- | | **Pragnya education trust’s** | | | **Pragnya college of management & computer studies,** | | | **Handewadi, Pune-411060** | | | **Examination(2019-2020)** | | | **BBA (CA) -- Semester: VI** | | |  | | **Sub: Recent Trends in Information Technology Marks :30M Time : 1hour**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |  | |
| **All question carry equal mark attempt any three questions**   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 Marks :30M Time : 1hour \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

**All question carry equal mark attempt any three** **questions**

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 Marks :30M Time : 1hour**

**All questions carry equal mark attempt any three questions**

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 and Cancel buttons

* + Save the details in the database on click of ‘Save’ button.

**Sub:**  **Android Programming Marks :30M Time : 1hour**

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**All questions carry equal mark attempt any three questions**

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 ?

**Sub:**  **Dot Net Framework Marks :30M Time : 1hour**

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**All questions carry equal mark attempt any three questions**

1. Explain Web Controls, Server Controls, Client Controls & Navigation Controls ?
2. Explain Data Reader Object ,Data Adapter Object?
3. Explain Master Page concept? Write about State Management Techniques?
4. Write a program

* Create a form to enter student’s details: Rollno, Name, Address,

Permanent address, Birth date, Phone no, Email address.

Provide Save and Cancel button.

* Save the details in database on click on Save.