**Pragnya Education Trust’s**

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

**Handewadi, Pune-411060,**

**Examination(2017-2018)**

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

**Sub: Java Marks :30M Time : 1hour**

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

1. Explain the Features of Java? Explain the Structure of Java Program?
2. Explain the concept of Packages ? Write about creating user defined packages?
3. Explain the concept of Applet? Explain Applet Lifecycle?
4. Write about listeners and Adapterclasses & Event Delegationmodel?

**Sub: Web Technologies Marks :30M Time : 1hour**

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

1. Explain the terms Client, Serves and communication between them? Write about Basic Internet Protocols?
2. Explain Concept of effective web design, web design issues, display resolution?
3. Explain the need for CSS? Write Basic syntax and Structure? Explain types of CSS?
4. Explain the concept of DOM & DOM objects?

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

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

1. Explain What is Framework? Write about Architecture of Dot Net Framework?
2. Explain C# fundamentals & explain data types?
3. Explain What isASP.NET? Explain ASP.NET Page Life Cycle?
4. Explain basics of Ado.net ? Write about Connection Object, Command object?

**Sub: Object Oriented Software Eng Marks :30M Time : 1hour**

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

1. Explain Software Life Cycle Models (Revision of SE)? Explain System Concepts & Project Organization
2. Explain the concept of UML? Explain advantages of UML?
3. Explain what is Object Orientation? Explain the concept of Classes and Instance & object?
4. Write about Generic Components of the OO Design Model? Explain the Booch Method ?