**Pragnya Education Trust’s**

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

**Handewadi, Pune-411060,**

**Assignment(2019-2020)**

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

**Sub:Digital Marketing**

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1. Describe Digital Marketing Channels?
2. Explain Digital vs. Real Marketing? Explain digital marketing?
3. Explain what is Target group analysis?
4. Write about web design, Optimization of Web sites and MS Expression Web?

**Sub: Data Structure**

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1. Explain Asymptotic Notation Introduction to Data structure ?
2. Explain the need for Arrays & explain array representation?
3. Explain Insertion sort & Merge sort algorithms with example?
4. Create a Doubly Linked list by inputting 10 nos? Display the output by traversing the list from start and end point?

**Sub: Software Engineering**

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1. Explain basic components of system?
2. Explain V& V Model?
3. Explain the concept requirement engineering, Requirement Elicitation,Requirement Elaboration?
4. Explain the Waterfall Model & Spiral Model its advantages & disadvantages?

**Sub: Angular JS**

1. Explain what is AngularJS? Explain advantages of Angular JS ?
2. Explain ng attributes?
3. Explain expression and Data Binding?
4. Write about Angular View?

**Sub: PHP**

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1. Explain the concept of Variables, numbers and strings?
2. Explain how to create Custom functions? Explain passing by value and reference?
3. Explain different types of arrays in PHP?
4. Write a PHP program to enter a number ad display table of it?