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| **Pragnya education trust’s** |
| **Pragnya college of management & computer studies,** |
| **Handewadi, Pune-411060** |
| **Examination(2017-2018)** |
| **BBA (CA) -- Semester: II** |
|  |
| **Sub: Procedure Oriented Programming using C Marks :30M Time : 1hour** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
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|  **All question carry equal mark attempt any three questions** 1. Explain If statement, If-else statement, Nested if-else statement, Conditional operator and Switch statement with proper examples?
2. Write about while loop, Do-while loop, For loop and Nested for loop with example?
3. Explain the concept of a pointer with Declaration, Initialization , Indirection operator and address of operator? Write about Pointer arithmetic?
4. Write a program to enter a number and find out if it is Armstrong no or not? [Armstrong number is a number that is equal to the sum of cubes of its digits. ]

 **Sub: Data Base Management Systems Marks :30M Time : 1hour \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  |

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

1. Explain what is Dense Index and Sparse Index?
2. Explain Super Key, Candidate Key, Primary Key & Foreign Key with example?
3. Write about Sequential & Indexed file in detail ?
4. Explain Select, Project, Union, Difference, Intersection , Cartesian Product & Natural Join?

**Sub:** **Organisational Behavior Marks :30M Time : 1hour**

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

1. Explain Emerging aspects of Organizational Behavior: TQM, Managing Cultural Diversity, Quality Circles & Total Employee involvement?
2. Explain McGregcrs's Theory ‘X’ and Theory ‘Y?
3. Explain Definition of Personality, Determinants of Personality &Theories of Personality – Trait theory: The Big Five Model?
4. Write about Team Building & Effective Teamwork?

 **Sub:**  **Computer Application in Statistics Marks :30M Time : 1hour**

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

1. Explain Discrete Uniform : Probability distribution, cumulative probability distribution, mean , variance (without proof)?
2. What is Qualitative and Quantitative variables? Write about Raw data?
3. Explain Bernoulli : Probability function, Mean and variance?
4. Explain Simulation Techniques, Random Number Generator.?

 **Sub:**  **E-Commerce Concepts Marks :30M Time : 1hour**

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

1. Write about Technical Components of E-commerce , Functions of E-commerce, Advantages and Disadvantages of E-commerce?
2. Write about Paperless bill, Modern payment cash & Electronic cash?
3. What is E-commerce security environment and Security threats in E-com environment? Write about Public Key Encryption using digital signatures, Digital Envelopes, Digital Certificates Limitations to Encryption solutions.?