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| |  |  | | --- | --- | | **Pragnya education trust’s** | | | **Pragnya college of management & computer studies,** | | | **Handewadi, Pune-411060** | | | **Examination(2018-2019)** | | | **BBA (CA) -- Semester: IV** | | |  | | **Sub: Introduction to C++ Marks :30M Time : 1hour**    **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |  | |
| **All question carry equal mark attempt any three questions**   1. Explain the concept of class? Define object, methods and properties? 2. Explain concept of operator overloading? Explain the concept of friend function? 3. Explain the concept of file, file operations with example? 4. Create a class for employee information to store data for Employee Id, Name, Address, joining date, Pancard no, Adhar card no? Write proper methods to add, update and deletemployee? Store data for 3 employees?   **Sub: Programming in Visual Basic Marks :30M Time : 1hour \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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

1. Explain the concept of Constructors and Destructors & Method overloading?
2. Write the concept of Overloading and Overriding, Interfaces & Polymorphism?
3. Write about Data preservation in Client and Server?
4. Create a form to enter employee details – Employee ID, Name, Address, Gender, Joining date, Pan card, Adhar card, Permenat(Yes/No). Provide facility o Save, Update,Delete And Cancel?

**Sub:** **Computer Networking Marks :30M Time : 1hour**

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

1. Explain Twisted Pair Cable- Physical Structure, Categories, Connectors & Applications?
2. Write about Message- -Confidentiality, Integrity, Authentication, Non repudiation?
3. Explain Cryptography, PlainText,Cipher Text, Encryption,Decryption, Symmetric Key and Asymmetric Key Cryptography?
4. Explain the concept of Firewalls- Packet Filter firewall, Proxy firewall?

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

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

1. Explain Characteristics and features of ERP & Benefits of ERP?
2. Explain what is Business Process reengineering? The different phases of BPR?
3. Explain Data Warehouse Components & Structure and Uses of Data Warehouse?
4. Explain what is Electronic Data Interchange? Explain Use of EDI, Evolution of EDI & Benefits of the EDI

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

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

1. Write about Evolution of HRM, Functions of HRM, Challenges of HRM?
2. Explain Job Analysis- Meaning, Definition, Objectives, Benefits?
3. Write about Career Planning- Meaning, Definition, Objectives?
4. Write about Caselets on Career Planning, Employee Morale & Job Satisfaction.?