Financial Information Systems EXAM APRIL 2019

Instructions: Question one is compulsory, Attempt any other two questions

QUESTION ONE:

a. Explain in detail about following terms as used in ERP environment
    i.   Data Warehousing and Data mining   (4 mks)
    ii.   Data extraction and transformation   (4 mks)
b. Using examples discuss briefly about financial transactions   (8 mks)
c. Explain in detail about ERP implementation methodology.   (8 mks)
d. Discuss the following classifications based on the mode of processing   (6 mks)
    i.   Batch processing systems:
    ii.   On-line batch systems
    iii.   On-line Real-time systems

QUESTION TWO:

a. The Golf Club Company makes custom golf clubs. The manufacturing supervisor interviews people who have specialized manufacturing skills, and he informs payroll when an employee is hired. The employees use a time clock to record the hours they work. The employees are also required to keep a record of the time they spend working on each order. The supervisor approves all time cards. The accountant analyzes the job tickets and prepares a labor distribution summary. Payroll prepares the payroll register and paychecks. The supervisor distributes the paychecks to the employees. Payroll informs cash disbursement of the funds required to cover the entire payroll amount. The cash disbursements clerk ensures that there are adequate funds in the company's regular checking account to cover the payroll

  i.   Describe at least three internal control weaknesses   (10 mks)
  ii.   For each weakness suggest an improvement to internal control   (10 mks)

QUESTION THREE:

a. Explain in detail about application of ERP in service industries   (9 mks)

a. Using a well labeled diagram, discuss a web-based client-server architecture as seen in business information systems (9 mks)

b. Explain the concept of business processes. (2 mks)

QUESTION FOUR:

a. What are the implementation methodologies of ERP software (6 mks)
b. Write shot note on ERP in manufacturing industry. (8 mks)
c. Give examples of how information systems support organizations in managing business processes. (6 mks)

QUESTION FIVE:

a. Explain the following terms as used in financial business information systems.
   i. Product lifecycle Management (3 mks)
   ii. Customer Relationship Management (3 mks)
   iii. Enterprise Asset management (3 mks)
   iv. Quality Management (3 mks)
b. Explain the concept of business process reengineering and describe the role information technology plays in it. (8 mks)