

1. Explain the meaning as well as briefly discuss the idea of the following concepts (2 p each)
    - a. Master data
    - b. Sensor
    - c. Data warehouse
    - d. Ad hoc report
    - e. XBRL
  2. Answer the following questions in brief:
    - a. Main principles/characteristics of an ERP system? (3 p)
    - b. Different kinds of threats to ERP systems (3 p)
    - c. What type of controls may be needed in the below situation?  
Therese is employed in the personnel (HR) department at Cole Ltd. From her computer in the office, she is able to enter payroll data for employee salaries and make sales orders. (4 p)
  3. a. The effects of ERPs on financial and management accounting. (briefly) (5p)
    - b. What is big data and how can big data be used in the business of today (give 3 examples)? Further, what are the current problems with big data? (5 p)
    - c. At Bedrock Corp., most transaction processing is automated. What could this mean for i) the management of purchase orders, and ii) billing and recording of received payments? (5 p)
  4. a. Describe issues to consider at various stages of the ERP implementation journey (10 p) (ESSAY)
    - b. What are the tasks of the Chief Financial Officer (CFO) and accountants before/during/after the ERP implementation? (5 p)
  5. Explain in more detail one particular business process as well as related risks and controls. You may choose whichever business process you wish. (ESSAY) (10 p)
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**GOOD LUCK!** Maximum 60 p, a minimum of 30 p is required to pass.