



044

**THE OPEN UNIVERSITY OF SRI LANKA**

**FACULTY OF ENGINEERING TECHNOLOGY**

**BACHELOR OF INDUSTRIAL STUDIES (Industrial management)**

**FINAL EXAMINATION-2007/2008**

**MEX 5257 – INFORMATION SYSTEMS MANAGEMENT**



**DATE : 16<sup>th</sup> May 2008**

**TIME : 0930hrs –1230hrs**

**DURATION :03 hours**

**INDEX NO**

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**INSTRUCTIONS:**

- (a) Answer any five (05) questions only.
  - (b) All questions carry equal marks.
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1. Managers can't ignore technology any more and information systems are critical to the success of an organization at all levels. Critically evaluate this statement to illustrate the new role of IS in organizations.
2. A well-developed SIS (Strategic Information System) can be used to lower overall costs and provide greater value to the company, supplier and customer. Accordingly, describe how can an organization develop its business strategy to gain competitive advantages.
3. What are computer ethics and describe the issues arising out of computer ethics.
4. Describe in your own words what a database is and explain its benefits to an organization.
5. Write short notes on any 3 of the following.
  - i. Analog and digital signals
  - ii. Communication channels
  - iii. LAN
  - iv. E-mail
  - v. Voice mail
  - vi. EDI
  - vii. Teleconference
  - viii. Router

6. What is Internet and explain its advantages for a business organization.
7. Describe E-commerce and E-business and identify its benefits to society, consumer and organization. What are the barriers in implementing E-commerce solutions in Sri Lanka?
8. Why have the developments in telecommunications technology become such an important issue for managers and organizations?

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