

FINAL EXAMINATION

INSTRUCTION TO STUDENTS: ATTEMPT ALL QUESTIONS.

TIME: 3 HOURS

Question 1. Discuss what you understand by the following terms: **(10 Marks)**

- i. **eCommerce** –
- ii. **Electronic data interchange, EDI** –
- iii. **Encryption** –
- iv. **E-Governance** –
- v. **Content Management System, CMS** –
- vi. **Firewall** –
- vii. **Digital signature** –
- viii. **Digital certificate** –
- ix. **Supply chain management** –
- x. **Smart card** –

Question 2. State FIVE advantages and FIVE disadvantages of eCommerce (20 Marks)

Advantages:

Disadvantages:

Question 3. State FIVE threats to ecommerce. (10 Marks)

Question 4. List and explain FIVE security requirements for eCommerce. (10 Marks)

Question 5. State THREE disadvantages of electronic payments (5 Marks)

Question 6. State FOUR business models of eCommerce (5 Marks)

Question 7. Through e-governance, government services will be made available to citizens in a convenient, efficient and transparent manner. State and explain THREE main target groups of online services between the government and the businesses or citizens? (10 Marks)

Question 8. Web traffic is the amount of data sent and received by visitors to a website. It is used to measure how popular the website is and individual pages, sections of a page or within the site. List TEN types of information often collated when monitoring web traffic. **(20 Marks)**

Question 9. Firewalls are of different types depending on where the communication is taking place. Write down Four different types of firewalls. **(10 Marks)**