

ASSESSMENT TEST

ATTEMPT ALL QUESTIONS.

1. Discuss what you understand by the following terms:
  - i. **eCommerce** - also known as electronic commerce or internet commerce, refers to the buying and selling of goods or services using the internet, and the transfer of money and data to execute these transactions.
  - ii. **E-Governance** – this is the application of information and communication technology for delivering government services, exchange of information communication transactions, integration of various standalone systems and services between government-to-consumer, G2C, as well as back-office processes and interactions within the entire government framework.
  - iii. **Content Management System, CMS** – This is a computer application that allows publishing, editing and modifying of content, organizing, deleting as well as maintenance from a central interface. Such systems of content management provide procedures to manage workflow in a collaborative environment.
  - iv. **Digital certificate** - It is an electronic document used to prove ownership of a public key. The certificate includes information about the key, information about its owner's identity, and the digital signature of an entity that has verified the certificate's contents are correct. If the signature is valid, and the person examining the certificate trusts the signer, then they know they can use that key to communicate with its owner.

**2. State FIVE threats to ecommerce.**

- 1) Hackers attempting to steal customer information or disrupt the site.
- 2) A server containing customer information is stolen.
- 3) Imposters can mirror your ecommerce site to steal customer money.
- 4) Authorized administrators/users of an ecommerce website downloading hidden active content that attacks the ecommerce system.
- 5) A disaffected employee disrupting the ecommerce system.
- 6) System downtimes from maintenance can disrupt services.

**3. State THREE disadvantages of electronic payments**

- i. Online security can be compromised
- ii. Loss due Missed errors like delivery on goods ordered by mistake
- iii. High transfer Fees

**4. Write down Four different types of firewalls.**

- i. Network layer firewall
- ii. Application layer firewall
- iii. Proxy server
- iv. Network address translation