5. (a) Name TWO types of cable/wired media. 
(b) Name TWO types of wireless media. 
(c) State the difference between simplex and half-duplex data transmission. 
(d) Distinguish between an intranet and an extranet. 
(e) State ONE reason why an organization would choose to establish an extranet. 
(f) State ONE disadvantage of an extranet. 

Total 10 marks

6. The local government office in your district collects government revenue from residents in the district, and organizes and administers the maintenance of government offices and roads. A small office staff is employed to perform the administrative functions required by the office. This staff utilizes a local area network to assist in the performance of their functions.

(a) State ONE method that is used to prevent members of the public from having physical access to the computers. 
(b) State ONE software method that can be used to prevent unauthorized staff from accessing sensitive data on the network. 
(c) State FOUR ways that the integrity of the data can be destroyed. 
(d) State TWO steps in a procedure that can be used to restore online data that is lost. 
(e) Data on hours worked by employees are entered by the clerical staff. Outline ONE method used to verify the accuracy of the data entered.

Total 10 marks