FIT1047
SUPPLEMENTARY WORKSHEET -02
WEEK 08

1- List the layers of the Internet model.

Application, Transport, Network, Data Link, Physical

2- Which layer in the Internet model is the user support layer?

Only Application Layer

3- What are the responsibilities of the network layer in the Internet model?

It's responsible for routing (giving directions) packets between different local area networks

4- What are the responsibilities of the transport layer in the Internet model?

It establishes a logical connection between the sender and the recipient. This is usually done by breaking up messages into packets and assemble them at the recipient's side through the Transmission Control Protocol (TCP). If there are errors found, the packets would have resend to the recipient.

5- Name a device which operates at layer 3 (Network Layer)

Router

6- The Internet model consists of _____ layers.

   a. Three   (b.) Five   c. Seven   d. Nine

7- Mail services are available to network users through the _____ layer.

   a. Data link   b. Network   c. Transport   (d.) Application

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