

NSQF Level -2 Class X

INFORMATION TECHNOLOGY – Unit (I)

(Subject Code: 402) 2017-2018

Time:- 1 Hr

Marks: 20 marks

Q I Multiple choice questions:

Mark (5\*1)

1) How long is an IPv6 address?

- A. 32 bits                      B. 128 bytes                      C. 64 bits                      D. 128 bits

2) You have 10 users plugged into a hub running 10Mbps half-duplex. There is a server connected to the switch running 10Mbps half-duplex as well. How much bandwidth does each host have to the server?

- A. 100 kbps                      B. 1 Mbps                      C. 2 Mbps                      D. 10 Mbps

3) \_\_\_\_\_ is a form of broadband internet Access that uses the cable television infrastructure.

- A) Cable internet Access                      B)DSL (Digital subscriber Line)  
C) Dial up                      D) WiMax

4) \_\_\_\_\_ is a popular technology that allows an electric device such as computers or mobile phones to exchange data wirelessly over a network.

- A)Wi-Fi                      B) Dial up  
C) Reassembled                      D) Packets

5) The Data is broken up into bits of same Sized Pieces called \_\_\_\_\_

- A. Packets.                      B. Header.  
C. Internet Access sharing.                      D. Data Sharing.

Q II Write full forms of the following

Mark (3\*1)

- a) WAN \_\_\_\_\_  
b) WWW \_\_\_\_\_  
c) DSL \_\_\_\_\_

Q III What do you mean by ISP? Name any two ISP.

Mark(3\*1)

QIV Write notes on the following networking devices

Mark(2\*2)

- a) WiMAX  
b) 3G

QV Differentiate between Serial keys and MouseKeys.

Marks(2\*2.5)