N.B.:   1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw neat and clean diagram whenever necessary.

**Q.1.(A) Choose correct alternatives: (attempt any 8)**                                   (8)

1. Digital economy is based on people, business, data, _____, process.
   a) Device          b) Public        c) Computer              d) Money

2. _____ is a data that has been processed in such a way as to be meaningful.
   a) Information      b) Data          c) Raw data              d) Database

3. Ctrl + U is short cut for_____
   a) Underline        b) UP            c) Under scroll          d) Replace

4. Ctrl + I is short cut for_____
   a) Italic          b) Bold          c) Insert                d) View

5. CAN stands for_____
   a) Campus area network        b) Closed AN        c) Clipboard AN        d) Class AN

6. _____ topology has every system is client & every system is server.
   a.) Ring           b) Bus           c) Star                  d) Mesh

7. Threat intelligence, Threat detection, Threat mitigation, _____
   a) Threat Protection           b) Problem solver            c) Problem creator       d) Threat creator

8. _____ presence is hidden from the user & can be difficult to be detect.
   a) Spyware          b) Hacking       c) Phishing              d) Physical Threat

9. ____ is concerned with predicting the future.
   a) EIS          b) MIS          c) TPS          d) DSS

10. Multi-user, multi-processing, multi-tasking, real time information is possible in _____
    a) Windows operating system        b) VLC          c) Google          d) Gmail

**Q.1.(B) State whether the following statements are True or False: (attempt any 7)**       (7)

1. A database is an unorganized collection of data.
2. Data or information is shared or communicated only over electronic media.
3. Raw data is significant to a business.
4. DSS generally record and process data resulting from business transaction.
5. Open-source software is software which is open but expensive software.
6. Cross reference marks a place you want to find again easily.
7. E-Security is a branch of computer security also known as information Security.
8. Internet allows us to communicate with the people sitting at remote location,
9. Zone is collection of modes under the main domain.
10. E Commerce is buying and selling of goods, services and information with the help of internet.

**Q.2.**     (A) Explain major area of IT application.                                      (8)
(B) Explain BRP and TQM                                                                     (7)

**OR**

(C) Explain Digital economy and its advantages and disadvantages. (8)

(D) Explain IT and Expert system. (7)

Q.3. (A) Explain Information system and its types. (8)

(B) Explain BPR and TQM (7)

**OR**

(C) What is Information and its characteristics. (8)

(D) Explain ERP and KMS. (7)

Q.4. (A) What are IT risk and management activities. (8)

(B) Write down the steps for making PIE chart with an example. (7)

**OR**

(C) Write down the steps for making Line Graph with an example. (8)

(D) Describe E-Security and Threat Management. (7)

Q.5. (A) Explain Threats and all types of threats in details. (15)

**OR**

(B) Write short notes on: (Any Three) (15)

1. TQM
2. BPR
3. ERP
4. KMS
5. OLAP