

Q. 1) Give the full forms of the following (2)

i) URL ii) TCP/IP iii) VoIP iv) GSM

Define term repeater (1)

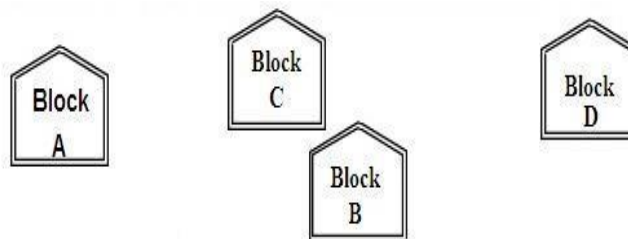
A producer has made a movie whose story line is completely based on a previous Hollywood movie. This producer did not take permission to make the movie based on this story. The writer of the story has now filed a case against this producer in court? (3)

(a) Which kind of offence is this?

(b) What are the consequences?

(c) Writer also claim that somebody has created a fake profile on social networking site and defaming his character with abusive comments and pictures. Identify the type of cyber crime.

Knowledge All around Organization has set up its new centre at Mumbai for its office and web based activities. It has 4 blocks of building as shown in the diagram below (3)



Centre to centre distances between various blocks

Block A to Block B	50 m
Block B to Block C	150 m
Block C to Block D	25 m
Block A to Block D	170 m
Block B to Block D	125 m
Block A to Block C	90 m

Number of Computers

Block A	25
Block B	50
Block C	125
Block D	10

(a) Suggest a layout of connections between the blocks.

(b) Suggest the most suitable place (i.e. block) to house the server of this organization with a suitable reason

(c) Suggest the placement of the following devices with justification

i) Repeater ii) Hub Switch

- a)_____is the protocol used to transfer files between computers. (1)
- b)_____is a device used to connect a computer to a network. (1)
- Differentiate between LAN & WAN networks (2)
- Define MAC address (1)
- How can we recycle e-waste safely? (2)
- What is protocol? (1)
- Define Cyber crime (1)
- is a network device that connect dissimilar network. (1)
- Write difference between star topology and ring topology.(any) (2)
- How IP address is differ from MAC address? (2)
- What is identity theft? How to prevent it? (2)