INDIAN SCHOOL AL WADI AL KABIR

Class: XI	Department: Computer Science	Date of submission: 26/12/2021
Worksheet -8	Topic: Computer Networks	Note: Worksheet

Computer Networks -Total Marks allotted :10

Q.I What is computer Network?

Q.II What are the advantages of computer network ?

Q.III Name the disadvantages of computer network.

Q.IV Explain the evolution of network.

Q.V Write a short note on

     i)ARPANET ii)NSFNET   iii)Internet   iv)Interspace

Q.VI Brief in your own words how does Internet works.

Q.VII Give the full forms for

     i)ISP   ii)PoP iii)NAP   iv)ARPANET   v)NSFNET   vi)TCP/IP

Q.VII What is the role of gateway and backbone?

Q.VIII What do you mean by

     i)Sender   ii)Receiver   iii)Message iv)Communication media v)Protocols

Q.VIII What are the measuring capacity of communication media like

     i)bandwidth   ii)data transfer rate

Q.IX Write a short note on

     i)_IP address   ii)Switching Techniques   iii)Circuit Switchingiv)Packet switching

Q.X What is transmission media?

Q.XI Give the characteristics ,advantages and disadvantages of

     Wired media(Guided media)

     i)Twisted pair cable   ii) Co-Axial Cable   iii) Fiber-optic cable

      Wireless media (Un guided media)

     i)Radio wave   ii) Micro wave   iii) Infrared wave   iv) Satellite communication

Q.XII What do you mean by Network Devices?

Q.XIII Explain the functioning of

     i) Modem   ii) Ethernet card   iii) RJ45   iv) Repeater v) Hub
     vi) Switch   vii) Router

     ix) Gateway x) WiFi card

Q.XIV What is Network topology?

Q.XV Give any 4 characteristics and an example of

     i)PAN   ii)LAN   iii)WLAN   iv)MAN   v)WAN

Q.XVI What is network topology?

Q XVII Give 4 characteristics ,2 advantages and 3 disadvantages of

     i)   Star topology   ii) Bus topology   iii) Tree topology

Q.XVIII What is protocol in computer networking?

Q.XIX Name the purpose, full form, why and where the following protocols are used

     i)HTTP   ii) FTP   iii) PPP   iv) SMTP   v) TCP/IP   vi)POP3

     vii)HTTPS   viii) TELNET   ix) VOIP

Q.XXI What do you mean by web services?

Q.XXII Explain the purpose of the following

     i)WWW   ii) HTML   iii) XML   iv) domain names   v) URL   vi) Web site
     vii) Web browser

     viii)Web servers   ix) Web hosting

For reference and case study question please click on

bsetuts.com/important-questions-class-12-computer-science-python-networking-open-source-concepts/