

Q1. One word answer:**05**

1. Which was the first computer network in mid-1960?
2. Which is the third step to solve the problem?
3. Which symbol in flowchart is a rectangle with a wave-like base?
4. What was the name of the first modem which was released by AT&T?
5. Who is the CEO of YOUTUBE?

Q2. Fill the blanks:**05**

1. NIST stands for.....
2.are used to perform some specific task.
3. The processing of changing the human readable code into machine code is called.....
4.is a simple technique of writing programming language.
5.originally designed IMAP as a remote mailbox protocol in.....

Q3. True or False:(with reason)**05**

1. Steps in flowchart are not linked with any symbol.
2. We use a circle for denoting a processing step in a flowchart.
3. MAN is large than WAN
4. Hubs are similar to routers.
5. URL stands for Uniform Resource Line.

Q4. Short Answer:**05**

1. What is Elements of programming?
2. What is Data?
3. What is URL
4. What is Yapp?
5. What is Internet?

Q5. (a) Find out the output of the following expression (P=4, Q=5):**05**

1. $P*(Q+Q)$
2. $P\%Q$
3. P^Q
4. $P\leq Q$
5. $P*Q$

(b) Draw the Symbol of the objects used in a flowchart:**05**

1. Input/Output Box
2. Process
3. Database
4. Connector
5. Terminator

(c) List out some Apps which you are using with their purpose. (At least 5 Apps): **05**

Q6. Programming, Flowchart & Algorithm: **15**

1. Write a program to print odd number from 1-20 using For.....Next Statement.
2. Write an algorithm to go to school.
3. Draw a flowchart to print sum and Average of three numbers.

Q7. Long Question: **25**

1. What is a variable?
2. What are the advantages of using cloud computing?
3. Explain the benefits of Apps.
4. What is an algorithm? Explain its any three characteristics of good algorithm.
5. Explain TCP/IP.
