

KEYS ANSWERS for the Prelims

- 1.1 Digital signature
- 1.2 Copyright
- 1.3 Peer
- 1.4 Active hub
- 1.5 Virtual
- 1.6 Meta
- 1.7 Consumer to consumer
- 1.8 Hotspots
- 1.9 Address Resolution Protocol
- 1.10 Rastering

- 2.1 False
- 2.2 False
- 2.3 False
- 2.4 False
- 2.5 True
- 2.6 True
- 2.7 False
- 2.8 True
- 2.9 True
- 2.10 False

- 3.1. A
- 3.2. C
- 3.3. C
- 3.4. A
- 3.5. B
- 3.6. B
- 3.7. B
- 3.8. A
- 3.9. A
- 3.10. D
- 3.11. A
- 3.12. B
- 3.13. A
- 3.14. C
- 3.15. D
- 3.16. A
- 3.17. B
- 3.18. B

3.19. D

3.20. C

4.1. A, C

4.2. A, D

4.3. A, B

4.4. A, C

4.5. B, D

5.1. B, D, E

5.2. A, B, E

6.1 a, e, f, h, c, g, d, b

6.2 d, f, a, c, b, e

7.1.

10. Explain the term EDI? OR What is EDI? (M.04, 07,10,11,13,14,15)
Ans. (1) EDI stands for Electronic Data Interchange.
It is the exchange of documents in standardized electronic form between organization in an automated manner directly from a computer application in one organization to the application in another organization.
EDI is used to electronically transmit documents, such as purchase orders, invoices, inquiries, planning receiving advices and other standard business correspondence between trading partners.
EDI can also be used to transmit financial information and payments in electronic form.
EDI does not create any new process, but it expands the existing business process.

7.2.

Define E-Commerce. OR
Define E-Commerce? (M.04,07)
Defination (M.10,11,12,13, 14,15)
Electronic commerce means buying and selling of products and service by businesses and consumers over the internet. It is associated with buying and selling of information, products and services over computer communication networks.
Running a web site in a business like manner is the basic concept of E-commerce.
Electronic commerce is a general concept covering any form of business transactions or information exchange executed using information and communication technology between companies and public administrations.
Electronic commerce includes electronic trading of goods, services and electronic material.

7.3.

Explain Advantages and disadvantages of Internet commerce?

Advantages :

- 1) Home Shopping
- 2) Available 24 x 7 anywhere anytime
- 3) Home delivery of product

Disadvanges :

- 1) One cannot actually see, feel or try goods.
- 2) Delay in delivery
- 3) Privacy of personal details and security of transactions.

7.4.

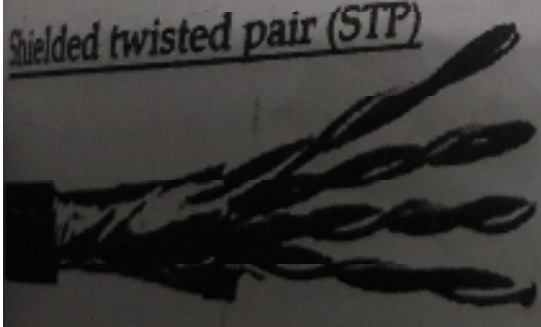
Explain Twisted Pair Cables.

These come in two flavors of unshielded and shielded. (M.14,15)

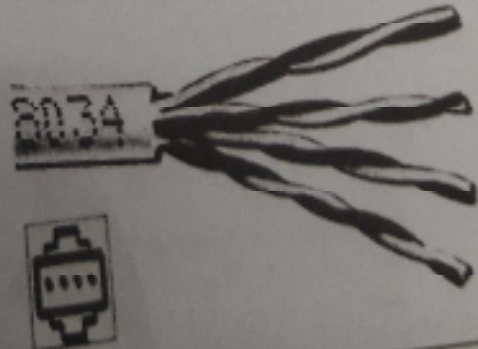
Shielded Twisted Pair (STP)
is more common in high-speed networks.
The biggest difference seen in the UTP and STP is that the STP use's metallic shield wrapping to protect the wire from interference.
Something else to note about these cables is that they are defined in numbers also. The bigger the number the better the protection from interference.

Unshielded Twisted Pair (UTP)
This is the most popular form of cables in the network and the cheapest form that you can go with.
The UTP has four pairs of wires and all inside plastic sheathing.
The biggest reason that we call it Twisted Pair is to protect the wires from interference from themselves.
Each wire is only protected with a thin plastic sheath.

Shielded twisted pair (STP)



Unshielded twisted pair (UTP)



7.5.

Digital Signatures

➤ What is a digital signature?

➤ A digital signature or digital signature scheme is a mathematical scheme for demonstrating the authenticity of a digital message or document.

OR

➤ A digital signature can be used with any kind of message, whether it is encrypted or not, simply so that the receiver can be sure of the sender's identity and that the message arrived intact.

8. A :

HTML code

NS : There should be **BODY** tag in this very important

```
<html>
```

```
<frameset cols = "*,*">      student can use 50%,50%  wherever there are *
```

```
<frameset rows="*,*">
```

```
<frame name =pqr.html">
```

```
<frame name =pqr.html">
```

```
</frameset>
```

```
<frameset rows="50%,50%">
```

```
<frame name =pqr.html">
```

```
<frame name =mnl.html">
```

```
</frameset>
```

```
</frameset>
```

```
</html>
```