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HALF YEARLY EXAMINATION - 2024

COMPUTER APPLICATIONS

PART - I

1. a) 16
2. a) File
3. c) Select.
4. a) Function Name ();
5. b) if statement.
6. a) Entry - Check loop
7. a) Wireless Fidelity
8. d) SMTP
9. b) dot (-)
10. c) Coaxial cable.
11. c) CAT & OTS
12. d) Work outsourced to a third party outside its
13. b) Debit Cards - Pay now own country.
14. b) 1996.
15. a) TDCC.

PART - II16. ANIMATION

→ Animation is the process of making still images appear to move.

17. ACID PROPERTIES

A - Atomicity C - Consistency I - Isolation.
D - Durability.

18. ARRAY IN PHP

→ An array is a special datatype.

→ It holds many values under a single variable name.

TYPES.

→ Indexed Array

→ Associative Array.

→ Multi-Dimensional Array.

19. WHILE LOOP - SYNTAX.

while (condition)

{ // code to be executed;

}

20. CONNECTION

→ Before accessing MySQL Database connect to database server machine via

PHP scripting Language using MySQLi-Connect function.

CLOSE FUNCTION

A MySQLi- close() function is used to close an existing opened database connections between PHP scripting and MySQL database server.

21.

BENEFITS OF WIFI

- ✓ Mobility
- ✓ Connection to Internet
- ✓ Flexibility of LAN
- ✓ Expenses Connectivity

22.

TYPES OF TWISTED PAIR CABLES.

- Unshielded Twisted pair (UTP)
- Shielded Twisted pair (STP)

23.

E-COMMERCE

A E-commerce can be described as the process of buying or selling products, services or information via Internet.

∴ E - Stands for electronic.

24. ESC - Electronic Clearing System
EFT - Electronic Fund Transfer
RTGS - Real-Time Gross Settlement.

PART- III

25. INSERT A PAGE IN PAGEMAKER

1. Go to the page where you want to insert
2. Choose Layout > insert pages in the menubar.
3. The insert pages dialog box appears.
4. Type the number of pages you want to insert.
5. To insert pages after the current page, choose 'after' from the pop-up menu.
6. Click on Insert, the new page are inserted in your publications.

26. DIFFERENT DATATYPES IN PHP.

- ✓ Integer.
- ✓ Float
- ✓ Boolean
- ✓ Array
- ✓ Object
- ✓ Null
- ✓ Resource.
- ✓ String.

27. SYNTAX - SWITCH STATEMENT

Switch (expression)

{

Case value 1:

// code to be executed if expression = value 1;
break;

Case value 2:

// code to be executed if expression = value 2;
.....

default:

// code to be executed if expression is not
equal to any of the values;

}

28. GET METHOD

↳ The input data sent to the server with get method via URL address is known as query string.

↳ All input data are visible by user after they click the submit button.

POST METHOD

↳ The input data sent to the server with POST method is stored in the request body of the client's HTTP request.

29.

BENEFITS OF SOCIAL NETWORKS.

→ GROUP INFORMATION SHARING OVER LONG DISTANCES.

* Group discussions and Group chats go on in various groups through which people are kept in touch with each other.

→ BROAD CAST ANNOUNCEMENT

* Quick, easy way to spread information of emergencies and natural calamities.

→ FOSTERING DIVERSITY OF THOUGHT

* Some critics of social network say that online communities attract people by similar interests and backgrounds.

30.

DOMAIN NAME

↳ Domain Name is the sequence of labels, which are separated by dots (.)

↳ The domain name is always read from the lower level to higher level

EXAMPLE : .com, .edu

31. ELECTRONIC PAYMENT SYSTEM

↳ The term refers to a payment made from one bank account to another bank account using electronic methods forgoing the direct intervention of bank employees.

32. UN / EDIFACT

* United Nations / Electronic data Interchange for Administration, Commerce and Transport (UN / EDIFACT)

* UN / EDIFACT syntax rules were approved as ISO: 1509735.

* It is a cross-industry, standard data format of electronic data for commercial transactions.

33. OUTPUT.

a => 10

b => 20

c => 30.

PART - IV34. PRODUCTION TEAM ROLES AND RESPONSIBILITIES

- Production manager
- Content specialist.
- Script writer
- Text Editor
- Multimedia Architect
- Audio and video specialist
- Computer programmer
- Web master.

(or)

TOOLS IN PAGEMAKER TOOLBOX

- △ Pointer tool
- △ Text tool
- △ Line tool
- △ Rotating tool
- △ Polygon tool

35. USER DEFINED FUNCTIONS.

- Syntax for functions Definition.
- Syntax for Function call.
- Example.
- Output.

(or)

- For each loop

- Syntax

- Example

- Output.

- For each loop to iterative over the keys

- and values of an associative array.

- Example.

- Output.

36. FILE HANDLING FUNCTIONS IN PHP

✓ PHP Open a file

✓ PHP Read a file.

✓ PHP write a file.

✓ PHP Close a file.

(or)

BASIC CONCEPTS OF ER MODEL.

o Entity or Entity type.

o Attributes.

o Relationship.

o TYPES OF Entity.

37. COMPONENTS USED IN ETHERNET CABLES.

Δ PATCH cable

Δ RJ45 Connector

Δ Ethernet ports and crimping tool.

INTERNET BANKING - Collective term of E-banking
MOBILE BANKING - another form of net banking.

38. DIGITAL CERTIFICATES.

* Verifies the authenticity of a device, user, or server.

DIGITAL SIGNATURE

* Confirms the integrity of a message, ensuring that the information came from the signer and wasn't altered.

(OR)

TYPES OF EDI.

- o Direct EDI
- o EDI via VAN
- o EDI via FTP/VPN, SFTP, FTPS
- o WEB EDI AND MOBILE EDI.

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