

1. What is an HTML form?

Answer:

An HTML form is a section in a webpage where users can enter data that will be sent to a server for processing.

2. What are the commonly used form methods in HTML?

Answer:

- **GET** – Sends form data through the URL.
- **POST** – Sends form data through the request body (more secure).

3. What is the difference between GET and POST?

Answer:

- **GET:** Data is visible in the URL, limited length, used for non-sensitive data.
- **POST:** Data is hidden from URL, no size limit, used for sensitive data like passwords.

4. How can you access form input in PHP?

Answer:

Using:

- `$_GET['fieldname']`
- `$_POST['fieldname']`
- `$_REQUEST['fieldname']`

5. What are user-defined arrays in PHP?

Answer:

Arrays created by the user using:

```
$arr = array("Amit", "Rahul", "Rita");
```

6. Can HTML and PHP code be written on the same page?

Answer:

Yes. PHP code can be embedded inside HTML using `<?php ... ?>`.

7. What are hidden fields in forms?

Answer:

Fields not visible to users but included in the form submission.

Example:

```
<input type="hidden" name="userid" value="1234">
```

8. Why do we use hidden fields?

Answer:

To **save state** or pass data between pages without showing it to the user.

9. How can you redirect a user in PHP?

Answer:

Using:

```
header("Location: home.php");  
exit();
```

10. How do you upload a file in PHP?

Answer:

Use:

- `enctype="multipart/form-data"` in form
- `$_FILES` to access uploaded file

11. What is a cookie?

Answer:

A small text file stored on the user's computer to remember information across pages or visits.

12. How do you set a cookie in PHP?

```
setcookie("username", "Amit", time() + 3600);
```

Answer: Stores a cookie for 1 hour.

13. How do you delete a cookie in PHP?

```
setcookie("username", "", time() - 3600);
```

Answer: Setting its expiration time in the past deletes it.

14. What is a session?

Answer:

A session stores user data on the **server**, not on the client, for use across pages.

15. How do you start a session in PHP?

```
session_start();
```

16. What are session variables?

Answer:

Variables stored on the server to identify user information.

Example:

```
$_SESSION['name'] = "Amit";
```

17. How do you destroy a session in PHP?

```
session_destroy();
```

18. How do you unset a specific session variable?

```
unset($_SESSION['name']);
```

19. What is a Session ID?

Answer:

A unique identifier created by PHP to track the user's session.

20. How can session IDs be passed in the query string?

Example:

```
page2.php?PHPSESSID=abc123
```

Answer: Used when cookies are disabled.

21. What is the difference between Cookies and Sessions?

Cookies	Sessions
Stored on client-side	Stored on server
Less secure	More secure
Small data only	More data can be stored
Can persist long time	Automatically ends when browser closes

22. Why are sessions important in registered user environments?

Answer:

They allow websites to identify logged-in users and maintain login state across pages.

23. Give an example of login session usage.

Answer:

After login:

```
$_SESSION['user'] = "Amit";
```

This keeps the user logged in until the session is destroyed.

24. What is a common use case of cookies?

Answer:

Remembering a user's:

- Username
- Preferences
- Theme

25. What is a common use case of sessions?

Answer:

Handling:

- Login systems
- Shopping carts
- Secure user data