

Django Interview Questions & Answers

1. What is Django?

Answer: High-level Python web framework for rapid development.

2. What are Django models?

Answer: Python classes representing database tables.

3. What are Django views?

Answer: Functions/classes handling HTTP requests.

4. What is Django template?

Answer: HTML with placeholders for dynamic content.

5. Explain Django ORM.

Answer: Object-relational mapping to interact with DB using Python.

6. What is a Django app?

Answer: Component/module of a Django project.

7. What is a Django project?

Answer: Collection of apps with settings and configuration.

8. Explain URL routing in Django.

Answer: Mapping URLs to views using urls.py.

9. What are Django forms?

Answer: Handle input validation and rendering forms.

10. What is Django admin?

Answer: Automatic interface to manage site data.

11. What is a Django middleware?

Answer: Hooks to process request/response globally.

12. What is Django session?

Answer: Server-side storage for user data.

13. What is Django static files?

Answer: CSS, JS, images served with project.

14. Difference between GET and POST in Django?

Answer: GET: fetch; POST: submit data.

15. What is Django signals?

Answer: Allow decoupled apps to get notified on events.

16. Explain Django authentication.

Answer: Built-in user login and permission system.

17. What is CSRF?

Answer: Cross-site request forgery protection in forms.

18. What is Django caching?

Answer: Storing results for faster retrieval.

19. What are Django management commands?

Answer: Custom commands for project maintenance.

20. Difference between Django and Flask?

Answer: Django: full-featured; Flask: lightweight microframework.