

# 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.