Class Test Written Question

1. What is a Django form and what is its purpose?
2. What is the role of settings.py in a Django project?
3. What is Django ORM? What database operations can be performed using Django's ORM, give example?
4. What are makemigrations and migrate commands in Django?
5. What is the purpose of serializers in DRF?
6. Which file is responsible for defining the database settings for a django project?
7. How is a URL pattern defined in django's 'urls.py' file?
8. What does the 'date'filter do in Django templates?
9. How do you create a new database record (object) using Django ORM?
10. What is the defference between path() and re_path() functions in django URL patterns?
11. How do you access form data submitted through POST method in a Django view?
12. What is the role of the 'is_authenticated' attribute in Django user authentication?
13. What are Bootstrap models, and how are they implemented?
14. What are the main features of Django?
15. What is a Django model in the context of web development? What is the purpose of the auto_now_add option in a Django DateTimeField
16. What is the purpose and use of the save() function in Django?
17. What is the purpose of the models.py file in a Django app? How do you define a model in Django?
18. Name two commonly used web servers with Django and briefly explain their roles.
19. What is the purpose of the 'reverse()' function in Django with respect to URLs?
20. Explain the purpose of the django admin site?