



SRI KRISHNA INSTITUTE OF TECHNOLOGY

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#29, Chimney Hills, Hesaraghatta Main Road, Chikkabanavara Post, Bangalore- 560090

Department of Computer Science and Engineering

Subject Name: Full Stack Development

SEM : 6

Faculty : Latha A

Subject Code: 21CS62

DIV : A & B

Module-1 Question Bank

SL#	Question	CO	Level	Marks
1	What is a web framework? With example explain, design of a Web application written using the Common Gateway Interface (CGI) standard with its disadvantage.	CO1	L2	10
2	Explain about the steps followed for Installing and creating a Django application	CO1	L2	12
3	Explain the steps involved in creating a view and mapping URL to view	CO1	L3	10
4	With the help of neat diagram Explain how Django Processes a Request.	CO1	L2	10
5	What does fullstack development mean? Explain the main features of Django framework	CO1	L2	8
6	Justify why Django has the advantage of loose coupling	CO1	L2	10
7	Briefly explain about the steps followed for creating a Hello application using Django Framework	CO1	L2	12
8	Explain about different regular expression used in Django framework. With an example explain how regular expression are used in path specification	CO1	L2	12
9	Write a note on Django evolution	CO1	L2	10
10	Write a Django app that displays date and time four hours ahead and four hours before as an offset of current date and time in server	CO1	L2	10
11	Explain about 404 error.	CO1	L2	10
12	Explain Wildcard URL patterns and Django's Pretty Error Pages. Write the significance of following file - from django.conf.urls.defaults import * (r'^mysite/', include('mysite.foo.urls')), - urlpatterns = patterns('', ('^hello/\$', hello), - from django.http import HttpResponse - from django.contrib import admin			

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13	Write the significance of following file • __init__.py • manage.py • settings.py • Views.py • urls.py	CO1	L2	10
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Module-2 Question Bank

SL#	Question	CO	Level	Marks
1.	Explain about MVT model with diagram	CO2	L2	10
2.	Explain Basic Template Tags and Filters. or Discuss about templates in Django application			
2.	Design an HTML page which is included in templates to display “addition of two number is :” using placeholder	CO2	L3	12
3.	Design an HTML page which is included in templates to display whether a student has passed the exam or not based on the marks. (fail<50)	CO2	L3	5
4.	Design an HTML page with usage of style tags and which is included in templates to display appropriate messages based on whether a given number is positive or negative	CO2	L3	5
5.	Design an Django application to display the Following format without using and tags Welcome to SKIT Cafeteria • Juice/ Milk Shakes 1. Mango 2. Pineapple 3. Watermelon • Beverages 1. Tea 2. Coffee • snacks 1. samosa 2. rolls 3. Puffs	CO2	L2	10

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6.	Design an Django application to display the complete name in uppercase and last 4 digits of phone number	CO2	L2	8
	Develop a layout.html with a suitable header as SKIT Cafeteria and footer with your information(name,Sem,Dept). Inherit this layout.html and create 2 additional pages: Juice and snacks			
7.	Explain Template Inheritance with examples.	CO2	L2	6
8.	Explain about the models in Django. Create models of Student(name, USN, DEPT- CSE, ISE, ECE,MECH,Sem) and Activities(name, student USN(participated), type of activity-Technical, NonTechnical) and display the list of students 1. who participated in Technical activity, 2. who participated in NonTechnical activity and belong to CS department 3. list of all students	CO2	L3	12
9.	Explain about the following methods with example model objects.all(),list , objects.filter(), objects.all()[range/index], get(), delete(),makemigrations and migrate command	CO2	L2	10
10.	Explain Making Changes to a Database Schema	CO2	L2	10

Module-3 Question Bank

SL#	Question	CO	Level	Marks
1	Explain the need of Admin site module in Django and steps involved in Activating Admin Interfaces and display of admin page	CO2	L2	6
2	Create two super user with name SKIT and CSE and add models of book, Author and discuss how to manage user and data Using Admin Interfaces once a user logs in.	CO2	L3	12
3	Explain Creating a Feedback Form and Processing the Submission.	CO2	L2	10
4	with an example discuss about how to Customize Admin Interfaces	CO2	L2	10
5	Discuss about how to Custom Model Admin Classes for display the only first and last name of author, filter the records , search based on first_name, order the list	CO2	L3	6
6	with the help of forms, Create a Django app to demonstrate the addition of two numbers	CO2	L3	12
7	Develop a Model form for student that contains his topic chosen for project, languages used and duration with a model called project	CO2	L3	6

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8	List and Explain URLconf Tricks	CO2	L2	8
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Module-4 Question Bank

SL#	Question	CO	Level	Marks
1	Define Generic Views and its types	CO3	L2	12
2	What is MIME and discuss its types	CO3	L2	10
3	Explain Extending Generic Views	CO3	L2	8
4	Discuss how to create templates for each view with an example.	CO3	L2	10
5	Explain Dynamic CSV using database	CO3	L2	10
6	For student's enrolment, create a generic class view which displays list of students and detail view that displays student details for any selected student in the list.	CO3	L3	10
7	Write a note on followings i) Cookies ii) Users and Authentications	CO3	L2	8

5 Question Bank

SL#	Question	CO	Level	Marks
1	List and explain the technologies Ajax is overlaid on.	CO3	L2	8M
2	List and explain the jQuery Ajax facilities.	CO3	L2	10M
3	Explain XHTML Http Request and Response.	CO3	L2	10M
4	Develop a registration page for student enrolment without page refresh using AJAX	CO3	L3	10M
5	Discuss the setting of Javascript in Django.	CO3	L2	10M
6	Develop a search application in Django using AJAX that displays courses enrolled by a student being searched.	CO3	L3	10M