

IMPORTANT QUESTIONS BASED ON DJANGO

(a) **Write the difference between GET and POST method.**

Ans. A web browser may be the client and an application on a computer that hosts a website may be the server. So, to request a response from the server, there are mainly two methods:

(i) **GET** : to request data from the server

(ii) **POST** : to submit data to be processed to the server

(b) **What is Django?**

Ans. Django is a Web framework written in Python. But that's an abstract definition. In practice, Django is a Python package that lives inside the site-packages directory of your current Python installation.

(c) **What is web framework?**

Ans. It is a tool that provides a way to build and run dynamic websites and web-enabled applications. It will also do majority of work and utilize the code & the library functions created by the user for the development of the applications.

(d) **What is the use HTTP protocol?**

Ans. HTTP means Hyper Text Transfer Protocol, used when client makes a request to the web server and server response for the client. The request is in form of HTTP Get request & HTTP Put request.

(e) **What is HTTP GET Request?**

Ans. It refers to a way of retrieving information from a web server using a given URL over web.

(f) **What is HTTP POST Request?**

Ans. It is a way to send data to the server using HTML forms such as Student information system over the web.

(g) **Name the files that are found in project web application folder.**

Ans. `_init_.py`, `settings.py`, `urls.py`, `wsgi.py`

(h) **Name the files that are found in app folder by default.**

Ans. `_inix_.py`, `admin.py`, `apps.py`, `models.py`, `tests.py`, `views.py`

(i) **What do you meant by a Django project / app model?**

Ans. It is a component that stores a web application's data and relationships.

(j) Write a view function that can process a GET request and display “welcome.html” as template. Required file(s) and method(s) are already imported.

Ans.

```
def display (request) :  
    return render(request, “welcome.html”)
```

(k) You need to display a webpage “team.html” in response to URL <server>/about/team for app work in your DJANGO project (namely Service). Write the following:

(i) View function namely teamwork for team app.

(ii) URL Conf for views.teamwork

The template file “team.html” is available under templates folder of BASE DIRECTORY.

Ans. (i) **Module: Service/work/view.py**

```
def teamwork(request) :  
    return render ( ‘team.html ’)
```

(ii) **Module: Service/work/urls.py**

```
from work import views  
urlpatterns = [  
    :  
    Path ( ‘ about/work/ ‘ , views.teamwork),  
    ]
```