SRM IST
DEPARTMENT OF INFORMATION TECHNOLOGY
Cycle Test III - October 2018
Subject Code and Name : 15IT411J – INTEGRATIVE PROGRAMMING & TECHNOLOGY
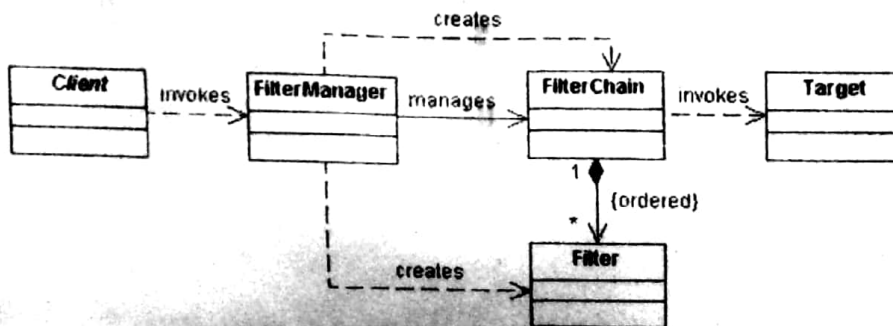
Set-A

PART –A (Answer any 5 Questions)   **5*4=20 marks**

1. Write a note on Jython.

2. Discuss about Jython array with an example.

3. How do you create and execute queries in ZxJDBC package? Give an example.

4. Write a Jython script for getting command line arguments and display it on the screen.

5. List the architecture tiers for design patterns

6. Outline the Advantage of design pattern

7. Determine what pattern the above class diagram depicts and describe the strategies of the pattern.

PART –B   **15*2=30 Marks**

8. Explain the steps involved in creating simple GUI application with Jython.

(OR)

9. Develop a web application using MVT model in Django with steps.

10. Identify the below pattern for the given problem and describe in detail about all the context of the pattern

    In the presentation tier, control and co‐ordination among users is required across multiple requests. For ex. In an online purchase webtier, the sequence of steps involved in online purchasing needs to be controlled. There may be multiple user logged in the website at a time.

(OR)

11. Explain Forces, Solution, Strategies and Consequence for Session Facade Pattern with all the necessary diagram.

"THE HARDER YOU WORK FOR SOMETHING THE GREATER YOU'LL FEEL WHEN U ACHIEVE IT"
ALL THE BEST !!!