MILITARY COLLEGE OF SIGNALS
MIDTERM EXAM
COURSE: BESE-12
CSE-477 WEB ENGINEERING

Instructor/FM: Dr. Awais Majeed

Time: 90 minutes
Max Marks: 30

Instructions:
1. Attempt all questions
2. Mention and justify your assumptions clearly in all of the modelling tasks.
3. Avoid unnecessary details.

Q 1)
Give short and precise answers to the following questions (unnecessary details carry no marks). **[10]**
1) List down various requirements types for Web applications.
2) Differentiate between disorientation and cognitive overload.
3) Describe data aspect architectures of Web applications.
4) What are the objectives of content modelling?
5) Differentiate between workflow based Web applications and collaborative Web applications.

Q 2)

Describe the role of Model in JSP2 Model architecture i.e., MVC pattern. Which JSP component is used to implement the Model aspect of MVC pattern and how it interacts with the rest of the components of JSP Model? **[4]**

Q 3)

A large fashion and lifestyle retailer DESIGNS intends to develop a Web-based application to collaborate with its suppliers in Asia which are supplying them stitched clothes, fashion accessories and home furnishing products based on their designs. The main intention is to have an integrated system for product ordering, delivery and financial transaction management. Each of its suppliers is an IT intensive organisation with the ability to support end-to-end automated business processes. Of-course, these suppliers have their own inventory/order management systems using different standards. ***From the aspect of integration of these different IT systems, what might be the issues and how can they be resolved?*** **[3]**

Q 4)

What is the most suitable way for the validation of requirements of Web applications? **[2]**

Q 5)

By comparing a Web application with standard application, identify the additional aspects and features which need to be modelled while designing a Web-based system. **[3]**

Q 6)

Globality and availability are two aspects of natural context. Which of these features is more important with respect to our new e-learning management and support system MCSLearn (http://learn.mcs.edu.pk)? Explain. **[3]**

Q 7)

Develop a presentation model for the given situation. **[5]**

DESIGNS *– fashion and lifestyle*

Sections

Designer Fashion
Homeware
Fashion Accessories
Appliances

Where to go

New Arrivals
Offers
View basket

What's new in store

1. Style Khakis Collection 2010

2. PakWirsa hand made Woolen Rug

Best Sellers

1. Inspirus by John Rosha

Most Searched

1. Khakis
2. Linen Shirts

Home | Contact Us | Privacy Policy | Return Policy © 2010 DESIGNS

** **END OF PAPER** **