5th Semester Regular/Back Examination – 2015-16
WEB ENGINEERING
BRANCH(S): MCA
Time: 3 Hours
Max Marks: 70
Q.CODE:T619
Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.

Q1   Answer the following questions: (2 x 10)
    a) What do you mean by Web Engineering?
    b) What is aesthetic design?
    c) Explain Usage Scenario based effort estimation.
    d) What do you mean by formulation?
    e) Differentiate between analysis modeling and design modeling.
    f) What do you mean by pair walk through?
    g) What is usefulness of negotiation?
    h) What do you mean by Web Engineering project scope?
    i) Define Data Tree.
    j) What do you mean by content model?

Q2   Define WebE Framework. Describe with neat diagram the Process   (10)
Framework. Explain the WebE methods that reside within the Process
Framework.

Q3 a) Define WebApp. What are the different categories of WebApps?   (5)
Describe with example.
    b) Describe the Web Engineering Process flow with neat diagram. Explain   (5)
how incremental delivery is done for Web Engineering.

Q4 a) Discuss the user categories for the WebApp. Explain how Content and   (5)
Functional requirements are identified.
    b) What is the importance of communication in Web Engineering? What   (5)
techniques are used for communication?

Q5 a) What do you mean by Umbrella Activities? Explain.   (5)
    b) What is elicitation? What happens before an elicitation session? How   (5)
do stake holders prepare for this? What tasks are performed during an
elicitation session? Discuss with a practical example.

Q6 a) Write the importance of a team in Web Engineering. Discuss how to   (5)
build a successful team. What are the characteristics of a Good Team
Leader?
    b) What is planning? Discuss diagram how the framework actions and   (5)
tasks are refined.

Q7 a) What is a schedule? Explain macroscopic scheduling and increment (5)
scheduling with suitable example.

b) Discuss the importance of modeling activity in Web Engineering. (5)
Explain web engineering application approach framework (WAAF)
matrix with suitable example.

Q8   Write Short Notes (Any Two)   (5 x 2)
a) Risk Analysis
b) Product Process Table Time and Effort Estimation
c) Change Management
d) Modeling Languages