

Registration no:

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Total Number of Pages: 01

MCA  
MCE 508

5<sup>th</sup> Semester Regular/Back Examination – 2016-17  
WEB ENGINEERING

Time: 3 Hours

Max marks: 70

Q Code:Y406

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 is logical design and physical design.
  - b) State two characteristics of aesthetic design
  - c) What is usage scenario
  - d) which tools are helpful for interaction design.
  - e) which tools are helpful for analysis modeling activity
  - f) What is concurrency in web based applications
  - g) Identify different framework activities
  - h) How quality is accessed.
  - i) How do we estimate effort and time
  - j) What are the characteristics of a good team leader
- Q2 a) Discuss macroscopic scheduling and incremental scheduling (5)  
b) Discuss different categories of web application. (5)
- Q3 a) Describe attributes of web based applications. (5)  
b) What are different risks involved in web application. (5)
- Q4 Discuss different elements of webapp design. (10)
- Q5 a) Identify different umbrella activities applied throughout the web application (5)  
b) What tasks are applied in analysis modeling (5)
- Q6 a) What is class diagram and how is it represented (5)  
b) What is sequence diagram. Give example of "Access camera surveillance via Internet" with sequence diagram. (5)
- Q7 a) How database testing used to validate content. (5)  
b) How the contents are integrated into interface (5)
- Q8 a) Development server (5 x 2)  
b) Test server  
c) Quality framework  
d) Content objects