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**Question Paper Code : 27338**

**5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2016**

**Elective**

**Software Engineering**

**ESE 517 – EXTREME PROGRAMMING**

**(Regulations 2010)**

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer ALL questions.**

**PART – A (10 × 2 = 20 Marks)**

1. Write about Lvalues and Rvalues in C#.
2. Define the term Character Constants.
3. Write the definition of Encapsulation.
4. What is nullable type ?
5. What is enumerated data type ?
6. Write the syntax of structures.
7. What is meant by function ?
8. What is meant by abstract classes ?
9. Define multicast delegates.
10. Write about the types of errors.

**PART – B (5 × 16 = 80 Marks)**

11. (a) Explain the role of Data Types in C# application.  
(b) Explain about operators with suitable examples.
  
12. (a) Write in detail of Looping statements with suitable examples.  
(b) Explain the various Methods in C# with sample code.
  
13. (a) Explain the functionalities of the Methods of the String Class.  
(b) Write about type conversion with suitable example.
  
14. (a) Write in detail of Multiple Inheritance in C#. How it differs from multilevel inheritance.  
(b) Explain about Static Overloading.
  
15. (a) Write about delegates with real time application.  
(b) Explain the input/output operations in C# with sample code.