

G.R. No.	
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**DECEMBER 2021 - ENDSEM EXAM**  
**FINAL YEAR B. TECH. (COMPUTER ENGINEERING) (SEMESTER - I)**  
**COURSE NAME: OPEN ELECTIVE –II [SOFTWARE TESTING]**  
**COURSE CODE: IOEUA40183B**  
**(PATTERN 2018)**

Time: [1Hr]

[Max. Marks: 30]

**Instructions to candidates:**

- 1) Answer Q.1 OR Q.2, Q.3 OR Q.4, Q.5 OR Q.6.
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

- Q.1) a) Analyze the various tools used for automation testing. [6]  
b) Differentiate between black box testing and white box testing [4]  
OR
- Q.2) a) Use the integration testing method to test email. [4]  
b) Write the process to be followed in automation testing. [6]
- Q.3) a) Write Test cases for user registration form. [4]  
b) Draw architecture of Selenium WebDriver and describe the same. [6]  
OR
- Q.4) a) Illustrate the best practices for using selenium for test automation. [6]  
b) Distinguish between Selenium WebDriver and Selenium RC with respect [4]  
to speed, architecture, browser support and object oriented parameters.
- Q.5) a) Create a program which performs different actions whenever the event is [6]  
triggered.  
b) Design a program to include and exclude a particular test method from [4]  
test case execution.  
OR
- Q.6) a) Create a program that runs the test cases in a specific order using [6]  
dependency in TestNG.  
b) Differentiate between @Factory and @DataProvider annotation with [4]  
suitable example