LOVELY PROFESSIONAL UNIVERSITY

Academic Task No. 2

School of Computer Application **Faculty of Technology and Sciences**

Name of the faculty member Sarabjit Kumar

Course Code: CAP438 **Course Title: Software Testing**

Program: BCA (Hons) **Term: 320212**

Max. Marks: 30 **Is Rubric Applicable: NA**

Date of Allotment: 22-March-2021 **Date of Submission:02-April-2021**

Important Guidelines:

1. All questions in this Academic Task are compulsory.

2. It is mandatory to attempt all questions of the assignment in your own handwriting on A4 size sheets/pages with a blue colour ink pen. Any other mode of attempt (typed or printed codes or table) except hand written/drawn will not be accepted/considered as valid submission(s) under any circumstances.

3. Every attempted sheet/page should carry clear details of student such as Name, Registration number, Roll number, Question number and Page number. The page numbers should be written clearly on the bottom of every attempted sheet in a prescribed format as: for page 1; **Page 1 of 4**, for page 2; **Page 2 of 4**, for page 3; **Page 3 of 4** and for page 4; **Page 4 of 4**, in case your assignment/document is of 4 pages.

4. After attempting the answer(s), student needs to take photograph of each of these answer sheets/pages and needs to convert the **jpeg** format images into a sequential single **pdf** format document (can be done with many free online available converters).

5. This PDF file should be uploaded onto the UMS interface on or before the last date of the submission.

6. Refrain from indulging into plagiarism as copy cases will be marked zero.

Q 1) Taking www.lpu.in as website under testing give implementation of below testing's –

a. Compatibility Testing

b. Load Testing

c. Foreign language Testing

d. Security Testing

e. Stress Testing

Q 2) Taking UMS as a software under testing identify five functionalities each of result and fee pay module which can be tested using Selenium.

Q 3) Using E-Commerce website www.flipkart.com implement pattern matching and JavaScript commands using Selenium.