

Practical Examination by Way of Assignment May-June 2020
B.Sc. (Hons) Computer Science Semester VI

Paper code: 32347610

Paper Name: Digital Image Processing

Assignment Guidelines

1. The aim of the assignment is to evaluate that the student has knowledge of the key aspects of the lecture material and can attempt to solve problems of Intensity Transformation, Histograms, Spatial and Frequency Domains Filtering and image enhancement, image restoration, image segmentation and morphology, and programming these concepts using R with imager/magick/any other image processing package.
2. Kindly go through the concepts and questions discussed in class. This includes practical list as made by University as well as extra questions assigned during course work/programming assignments.
3. On the day of exam, a list having your *name* and the *set number* assigned to you will be published along with the question paper in the drive folder. Please submit solutions of the set assigned to you. Requests to change the set will not be entertained.
4. Refrain from copying work from friends who happen to have the same set. Please don't engage in any activities that will dishonestly improve your results or dishonestly improve or damage the results of others. Suspected academic misconduct will attract heavy penalty.
5. You might need R/Rstudio/text-editor plus packages to help you complete the assignment.
6. Images will be provided in the drive folder for your convenience. However, if you are unable to download them, you can use your own set of comparable images.
7. Documentation can be included if you wish to inform the examiner more about your assignment. Please include names of special tools/packages/libraries (as in point 5), set of images (if using images other than the ones already provided, as in point 6).
8. Marks will be awarded for **clarity**, **correctness**, and **individuality** of the solutions you provide. Other instructions will be detailed in the problem statement.
9. Send completed assignments to spe_cs@sgtbkhalsa.du.ac.in with the subject line in the following format: **uniquePaperCode_yourRollNo**
Example: if your Roll No is 2017CSC1001, subject line for the email should be 32347610_2017CSC1001
10. In case of any queries, reach out to me at my email address.

Good Luck.