

Department of Electrical Engineering

Final Assignment

Date: 24/06/2020

Course Details

Course Title: Research Methodology for Engineers _____

Module: MS EE _____

Instructor: _____

Total 50 _____

Marks: _____

Student Details

Name: _____

Student ID: _____

Student Signature: _____

Q1.	Develop a new research proposal from a published paper and that is shared with you already and is also available on https://doi.org/10.21833/ijaas.2018.02.003 Read this paper thoroughly and you may also search for related papers. See the abstract, keywords, introduction sections. In particular read the discussion and conclusions section and find suggestions for further work. So actually this can be used as a guide to help you develop your own research proposal. Write research timelines (and budget if applicable). So in this question you have to write a research proposal based on this published paper and make sure that it cover all necessary contents needed for a research proposal.	Marks 25
Q2	From the published paper , which is already shared with you and also available on https://www.researchgate.net/publication/331186119_Impact_of_Nonlinear_Impairments_on_Power_Budget_and_Transmission_Power_Penalties_in_High_Capacity_Long_Haul_Optical_Networks You are asked to remove/obscure the title , authors and abstract. You are then asked to read the paper. You are now required to write a new title and abstract of this paper using 100-150words, based on what you believe are the important issues in the paper. (Marks 10) If you critically appraise this particular paper then you will find a technical mistake , what is that mistake, highlight or mention it. (Marks 05)	Marks 15
Q3	Plagiarism is a very important issue, so how well do you understand plagiarism ? Discuss HEC policy and criteria of plagiarism.	Marks 05
Q4	Measure of research impact factor plays a very important role in ranking of journal/conference or a researcher. Nowadays HEC has adopted a new journal recognition and ranking criteria , discuss your understanding of HEC journal recognition and ranking policy.	Marks 05

Note: Student must write answer in word document, so that plagiarism test can be run. Do not take images of your answers (hand written) as done previously. Do not copy from eachtoher.