

University of Al-Qadisyiah
College of Biotechnology
Dept. of Agricultural Biotechnology
Date: 24/1/2017



Examination: photochemistry
Time: Two hour
Stage: 3rd year

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کمالیہ
زراعت

Final semester examination of first semester 2016-2017

Note: Answer only four questions. (10 mark for any question)

Q1/ Clarify the electronically- excited state and what the electronic excitation can result?

Q2/ Compare between the following instruments:

- 1- Single beam optics and Double beam optics.
- 2- Filters and prisms.

Q3/ Define the following term:

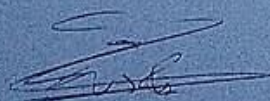
- 1- Photochemistry.
- 2- Energy of a photon.

Q4/ Give the example about the following reactions:

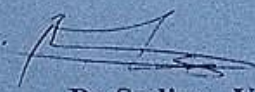
- 1- Photochemical Isomerization.
- 2- Photodissociation Reaction.

Q5/ A/ Explain the stages of photochemical reactions.

B/ Numbered the instrument related sources of error.


Nadia B. Hussain
Examiner

All the Best


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