



Damietta University  
Faculty of Science  
Chemistry Department  
Biochemistry Students  
Level: Fourth year  
(Biochemistry)



Academic year: 2019-2020  
Semester: Second



Course: Hormones and  
Photosynthesis, plant cell and  
ecological biology  
Course code: 405 Biochem  
Degree: 20  
Total degree: 200

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## Oral Exam on **HORMONES & PHOTOSYNTHESIS**

Answer all the following questions

### **Hormones Part [10 Marks]**

- (I) Explain the mechanism of action of nitric oxide. [6 Marks]
- (II) What is the difference between Cholera toxin and Pertussis toxin in the mechanism used for AC activation? [4 Marks]

### **Photosynthesis, plant cell and ecological biology Part [10 Marks]**

- (1) Differentiate between each of the followings: [10 Marks]
- a- C3 and C4 plants
- b- Cyclic and noncyclic photophosphorylation

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WITH MY BEST WISHES Prof. Entsar Saad