



BENHA UNIVERSITY, FACULTY OF SCIENCE

ENTOMOLOGY DEPARTMENT



بيئة وتلوث بيئي (٦٠١ ش)	Academic Year 2016/2017
تمهيدي ماجستير حشرات	80 Marks(20 for each question)
Thursday, 15/6/2017	Time Allowed: 2 Hours

Answer four questions only from the following:

- 1. Discuss the importance of ecological models, simulations and scenarios in finding out the response of insects to global warming, give at least one example.*
- 2. Define bioindication, mention why insects are ideal bioindicators, and give an example of using insects as bioindicators of environmental pollution or soil quality.*
- 3. Changes in moisture and CO_2 are expected to affect pathogens and diseases (discuss).*
- 4. Define Ecological succession; mention the kinds and stages of succession. Mention the patterns of interactions among earlier and later species in succession.*
- 5. How rising temperatures can affect insects.*