

Course No: ENGI 3215  
Course Title: Introduction to  
Sustainability and E.R.  
Date:2017/11/28  
No. of Questions: 3  
Time: 1:00 hours  
Using Calculator (No)

University of Palestine



2<sup>nd</sup> Mid term Exam  
2<sup>st</sup> semester 2017/2018  
Total Grade: 15

Instructor Name: Eng. Osama Othman  
Student No.: \_\_\_\_\_  
Student Name: \_\_\_\_\_  
College Name: \_\_\_\_\_  
Using Dictionary (/No)

**First Question**

**(05/15)**

Discuss or definition of the followings? (1 pt each)

**1. Sustainability**

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**2. Biomass**

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**3. Energy Efficiency**

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**4. PV system**

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**5. Hydropower**

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**Second Question**

**(10/15)**

**According to your study, answer the following questions: (2.5 pt each)**

1. Compare between the types of Energy sources.

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2. Explain the Global Warming (Causes and Effects).

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3. What are the factors that affect how much energy any location on the earth receives?

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4. Compare between the types of Solar Collectors.

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ورقة اضافية لاجابة السؤال الثاني

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**End of Questions**  
**Good Luck**