

Course No: GTEC 3314  
Course Title: Operating Systems  
Date: 15/04/2018  
No. of Questions:  
Time: 1 hours  
Using Calculator (No)

University of Palestine  
  
Second Midterm Exam  
Second Semester  
2017/2018  
Total Grade: 15

Instructor Name: Mr. Ahmed  
AbuMsameh  
Student No.: \_\_\_\_\_  
Student Name: \_\_\_\_\_  
College Name: \_\_\_\_\_  
Section No.: \_\_\_\_\_  
Using Dictionary (No)

### First Question

(4/15)

Decide whether the following sentences are TRUE or FALSE :

- 1- Ready state mean the process is waiting for some event to occur such as (I/O). ( )
- 2- In Shared memory communication takes place by means of messages exchanged between the cooperating processes. ( )
- 3- One of the Programming Challenges Data splitting which mean the data accessed by the tasks must be examined for dependencies between two or more tasks. ( )
- 4- One of the Benefits of Threads Resource Sharing. ( )

### Second Question

(2/15)

Define:

Threads

Parallelism

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### **Third Question**

**(9/15)**

**Talk about Scheduling Queues**

**Compare between Short-term scheduler & Long-term scheduler**

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**Using Dictionary (No)**

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**Talk about thread library.**

**End of Questions Good Luck**