

Course No: ARCH 2302
Course Title: Structural Analysis
Arch.
Date: 09/03/2019
No. of Questions: (2)
Time: 1.00 hours
Using Calculator (Yes)

University of Palestine



1st Midterm Exam
2018/2019
Total Grade: 15

Instructor: Eng. Mazen Alshorafa
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (Yes)

- *This is a closed-book exam; all related material must be placed away from your desk.*
- *Cell phone use is prohibited for any purpose: Your cell phone must be turned off and placed off of the desk. Cell phones may not be accessed during the exam. Failure to comply may be treated as a violation of the Honor Code.*
- *Headphones of any kind are not permitted.*
- *This exam is 60 minutes long.*
- *Make sure that you have 4 pages including this page.*
- *This exam has 2 questions. Read each question carefully before answering.*
- *Calculators can be used but cannot be shared.*
- *When you finish, you must:*
 - *Check that you have written your information in the spaces provided.*
 - *Give the exam package (all papers) to the proctor before you leave.*

Course No: ARCH 2302
 Course Title: Structural Analysis
 Arch.
 Date: 09/03/2019
 No. of Questions: (2)
 Time: 1.00 hours
 Using Calculator (Yes)

University of Palestine



1st Midterm Exam
 2018/2019
 Total Grade: 15

Instructor: Eng. Mazen Alshorafa
 Student No.: _____
 Student Name: _____
 College Name: _____
 Dep. / Specialist: _____
 Using Dictionary (Yes)

Question 1

Classify each of the structures as statically determinate, statically indeterminate, or unstable. If indeterminate, specify the degree of indeterminacy?

Course No: ARCH 2302
Course Title: Structural Analysis
Arch.
Date: 09/03/2019
No. of Questions: (2)
Time: 1.00 hours
Using Calculator (Yes)

University of Palestine

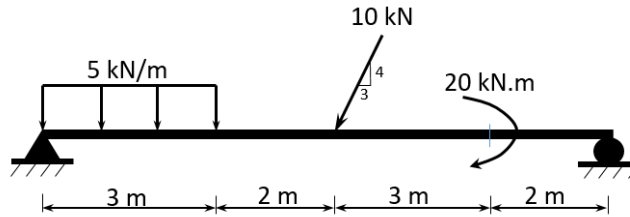


1st Midterm Exam
2018/2019
Total Grade: 15

Instructor: Eng. Mazen Alshorafa
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (Yes)

Question 2

Determine the reactions for the beam in the figure.



Course No: ARCH 2302
Course Title: Structural Analysis
Arch.
Date: 09/03/2019
No. of Questions: (2)
Time: 1.00 hours
Using Calculator (Yes)

University of Palestine



1st Midterm Exam
2018/2019
Total Grade: 15

Instructor: Eng. Mazen Alshorafa
Student No.: _____
Student Name: _____
College Name: _____
Dep. / Specialist: _____
Using Dictionary (Yes)

End of Questions