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Courses » Engineering Mathematics - I

Announcements **Course** Ask a Question Progress FAQ

Unit 4 - Week 2 :

Register for Certification exam

Course outline

How to access the portal

Week 0 :

Week 1 :

Week 2 :

- Lecture 06 : Limit of Functions of Two Variables
- Lecture 07 : Evaluation of Limit of Functions of Two Variables
- Lecture 08 : Continuity of Functions of Two Variables
- Lecture 09 : Partial Derivatives of Functions of Two Variables
- Lecture 10 : Partial Derivatives of Higher Order
- Quiz : Week 2 Assignment 2

Week 2 Assignment 2

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-13, 23:59 IST.**

- 1) a. 1 point
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
 b.
 d.

- 2) a. 1 point
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
 b.

- 3) a. 1 point
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:

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Week 5 :	ce De	No, the answer is incorrect. Score: 0	
Week 6 :		Accepted Answers: <i>d.</i>	
Week 7 :		5) <input type="radio"/> a.	1 point
Week 8 :		<input type="radio"/> b.	
Week 9 :		<input type="radio"/> c.	
Week 10 :		<input type="radio"/> d.	
Week 11 :		No, the answer is incorrect. Score: 0	
Week 12 :		Accepted Answers: <i>d.</i>	
DOWNLOAD VIDEOS		6) <input type="radio"/> a.	1 point
		<input type="radio"/> b.	
Assignment Solution		No, the answer is incorrect. Score: 0	
		Accepted Answers: <i>b.</i>	
		7) <input type="radio"/> a.	1 point
		<input type="radio"/> b.	
		<input type="radio"/> c.	
		<input type="radio"/> d.	
		No, the answer is incorrect. Score: 0	
		Accepted Answers: <i>b.</i>	
		8) <input type="radio"/> a.	1 point
		<input type="radio"/> b.	
		<input type="radio"/> c.	
		<input type="radio"/> d.	
		No, the answer is incorrect. Score: 0	
		Accepted Answers: <i>c.</i>	
		9)	1 point

Consider the function

$$f(x, y) = \begin{cases} xy \frac{x^2 - y^2}{x^2 + y^2}, & (x, y) \neq (0, 0), \\ 0, & (x, y) = (0, 0). \end{cases}$$

Then, $f_{xy}(0,0) + f_{yx}(0,0)$ is

- a. 1
- b. 0
- c. -1
- d. 2

- a.
- b.
- c.
- d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

- 10) a.
- b.
 - c.
 - d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

c.

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