Progress

Unit 3 - Week 2

How does an NPTEL online

Lecture 6: Introduction to

Similarity in Physical Modeling

Physical Modeling

O Lecture 7: Concept of

Lecture 8: Dimensional

Isothermal system

Aqueous Modeling

O Quiz: Assignment 2

Solution for Assignment 2

O Lecture 9: Physical Modeling of Isothermal and Non-

Lecture 10: Consideration in

analysis

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Feedback

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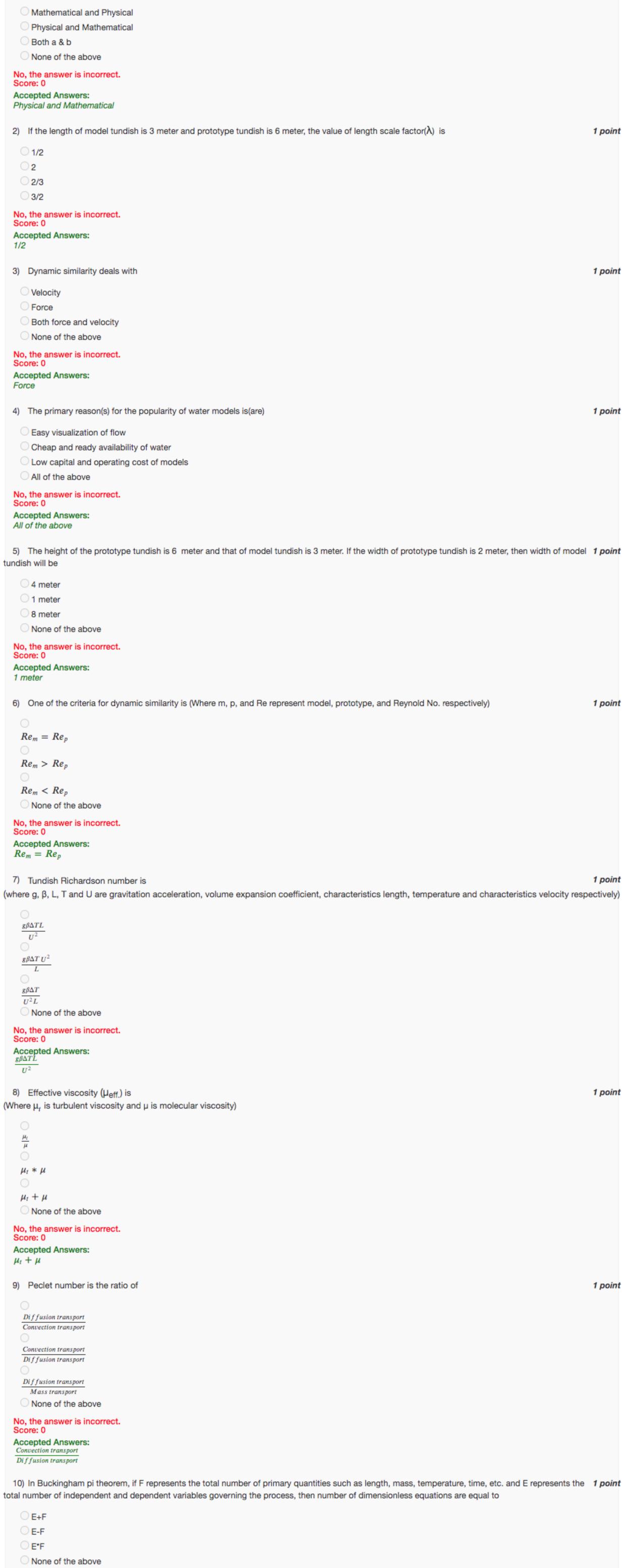
Course outline

course work?

Week 1

Week 2

he due date for submitting this assignment has passed. Is per our records you have not submitted this assignment.	Due on 2020-02-12, 23:59	IST.
) Usually,modeling is used to validate modeling results.		1 poi
Mathematical and Physical Physical and Mathematical Both a & b		
O None of the above		
No, the answer is incorrect. Score: 0 Accepted Answers: Physical and Mathematical		
If the length of model tundish is 3 meter and prototype tundish is 6 meter, the value of length scale factor(λ) is		1 poi
○ 1/2 ○ 2		
○ 2/3 ○ 3/3		
0 3/2 No, the answer is incorrect.		
Score: 0 Accepted Answers:		
) Dynamic similarity deals with		1 poir
O Velocity		
O Force		
Both force and velocity		
O None of the above		
No, the answer is incorrect.		
Score: 0 Accepted Answers:		
Force		
The primary reason(s) for the popularity of water models is(are)		1 poir
Easy visualization of flow		
Cheap and ready availability of water		
Low capital and operating cost of models All of the above		
No, the answer is incorrect.		
Score: 0 Accepted Answers: All of the above		
The height of the prototype tundish is 6 meter and that of model tundish is 3 meter. If the width of prototype tund dish will be	ish is 2 meter, then width of model	1 poi
0 4 meter 0 1 meter		
0 8 meter		
None of the above		
No, the answer is incorrect. Score: 0		



No, the answer is incorrect.

Accepted Answers:

Score: 0

E-F