

Unit 4 - Week 2

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

● Writing Learning Outcomes for a Course

● Active Learning

● Cooperative Group Learning

○ Quiz : Assignment 2

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Week 3

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Assignment 2

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-02-12, 23:59 IST.

1) The learning strategy, "Think – pair – share", is a method of 1 point

- Asking every student to solve a problem only independently and then merely share the answer with others
- Asking a single student to work out a problem and share the solution with all the others.
- A pair of students is involved; one student solves the given problem and the other student reports the solution to the entire class
- Allowing to students to work out a problem, discuss the solutions and revise them if needed

No, the answer is incorrect.
Score: 0

Accepted Answers:

Allowing to students to work out a problem, discuss the solutions and revise them if needed

2) Choose the INCORRECT option(s) among the following statements: 1 point

- Only the leader and the reporter are benefitted in informal groups
- Only the less skilled students will be benefitted in co-operative group learning
- Co-operative group learning is a form of active learning
- Think – pair – share is a strategy of active learning

No, the answer is incorrect.
Score: 0

Accepted Answers:

Only the leader and the reporter are benefitted in informal groups

Only the less skilled students will be benefitted in co-operative group learning

3) Which of the following statements are valid for informal groups? 1 point

- They are formed by students sitting nearer to each other in the class for easy communication and discussion
- Less skilled students can improve their learning
- More skilled can get more clarity on the concept
- Only the assigned leader will contribute to solve the given task

No, the answer is incorrect.
Score: 0

Accepted Answers:

They are formed by students sitting nearer to each other in the class for easy communication and discussion

Less skilled students can improve their learning

More skilled can get more clarity on the concept

4) Among the following, choose the element(s) that contribute to the group success 1 point

- Skill of working as a team
- Solely the Teacher's skills
- Group discussion to ensure that all the students in the group understand the concept
- Group leader controlling the other group members

No, the answer is incorrect.
Score: 0

Accepted Answers:

Skill of working as a team

Group discussion to ensure that all the students in the group understand the concept

5) Which of the following scenarios are examples of active learning? 1 point

- Listening to the lecture by the teacher in class and taking notes
- Derivations of important equations done in class during which the students work out parts of the derivation in a guided fashion
- Problem based learning with students being guided in the solution of the problem posed
- Calculations toward a well-defined goal done by students in class

No, the answer is incorrect.
Score: 0

Accepted Answers:

Derivations of important equations done in class during which the students work out parts of the derivation in a guided fashion

Problem based learning with students being guided in the solution of the problem posed

Calculations toward a well-defined goal done by students in class

6) Which among the following are aspects of active learning? 1 point

- Student engagement
- Teacher's guidance in problem solving
- Mere lecturing by the teacher
- Self-learning by the student without any involvement of the teacher

No, the answer is incorrect.
Score: 0

Accepted Answers:

Student engagement

Teacher's guidance in problem solving

7) Identify the appropriately designed learning outcome statement from the below list 1 point

- Students will be able to understand first law of thermodynamics
- Students will be able to learn first law of thermodynamics
- Students will be able to know the first law of thermodynamics
- Students will be able to state first law of thermodynamics

No, the answer is incorrect.
Score: 0

Accepted Answers:

Students will be able to state first law of thermodynamics

8) Which of the following cannot be used as a criterion to verify the appropriateness of a learning outcome design? 1 point

- Check whether there is an observable verb
- Check whether the action verb is assigned to a taxonomy level
- Check whether the teacher is capable of delivering a lecture based on the outcome
- Check whether the outcomes can be achieved in the stipulated time frame

No, the answer is incorrect.
Score: 0

Accepted Answers:

Check whether the teacher is capable of delivering a lecture based on the outcome

9) Which of the following statements are correct? 1 point

- A course can have learning outcomes from all six levels of Blooms taxonomy
- A course does not necessarily have learning outcomes from all six levels of Blooms taxonomy
- A course should have minimum 10 learning outcomes
- A course should have learning outcome only from create level

No, the answer is incorrect.
Score: 0

Accepted Answers:

A course can have learning outcomes from all six levels of Blooms taxonomy

A course does not necessarily have learning outcomes from all six levels of Blooms taxonomy

10) Identify appropriate actions a teacher would take to change the verb 'understand' from a learning outcome statement. 1 point

- Teacher can think of an activity which differentiates people who understand from people who do not understand
- Teacher can think of a student action which demonstrates his/her understanding
- Substitute the word by 'learn'
- Use the word 'comprehend' instead of 'understand'

No, the answer is incorrect.
Score: 0

Accepted Answers:

Teacher can think of an activity which differentiates people who understand from people who do not understand

Teacher can think of a student action which demonstrates his/her understanding