

## Unit 5 - Week 3

### Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

● Flipped Classroom

● Effective Laboratory Courses

● Assessment - (part-1)

● Assessment - (part-2)

○ Quiz : Assignment 3

○ Week 3 Feedback :Effective Engineering Teaching In Practice

Week 4

Lecture Slides

Text Transcripts

Download Videos

## Assignment 3

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

**Due on 2020-02-19, 23:59 IST.**

1) Match the following to differentiate between regular classroom and flipped classroom. 1 point

|                        |   |                  |
|------------------------|---|------------------|
| (i) Regular classroom  | (x) Lower levels of the Bloom's taxonomy  | (a) in the class |
| (ii) Flipped classroom | (y) Higher levels of the Bloom's taxonomy | (b) at home      |

- (i) – (y) – (b)  
 (ii) – (x) – (a)  
 (i) – (x) – (b)  
 (ii) – (y) – (a)

No, the answer is incorrect.  
Score: 0

Accepted Answers:

(i) – (y) – (b)  
(ii) – (x) – (a)

2) Which among the following is/are valid for the lower levels of learning in the flipped classroom technique? 1 point

- They happen mainly at home through videos or web material  
 They happen mainly in the class through mini-lectures and answering MCQs, practising exercises, etc.  
 Lower levels of learning do not happen at all  
 They happen only in the class

No, the answer is incorrect.  
Score: 0

Accepted Answers:

They happen mainly at home through videos or web material

3) In a flipped classroom, activities in the class should be 1 point

- Mere lecturing  
 Carefully planned to ensure higher levels of learning  
 Done only individually, peer interaction should not be allowed  
 Slightly flexible to accommodate minilectures based on the students' understanding

No, the answer is incorrect.  
Score: 0

Accepted Answers:

Carefully planned to ensure higher levels of learning  
Slightly flexible to accommodate minilectures based on the students' understanding

4) Which of the following are needed by the flipped classroom strategy? 1 point

- A reliable means for first exposure  
 An incentive to ensure suitable first exposure  
 Clearly planned class activities, yet flexible  
 A focus on student understanding

No, the answer is incorrect.  
Score: 0

Accepted Answers:

A reliable means for first exposure  
An incentive to ensure suitable first exposure  
Clearly planned class activities, yet flexible  
A focus on student understanding

5) Which of the following phrases are valid for the flipped classroom? 1 point

- Least involvement of the students is observed  
 No lectures are permissible.  
 Mini lectures can be planned to enhance student learning  
 Students learn everything by themselves, no significant job is expected by the teacher

No, the answer is incorrect.  
Score: 0

Accepted Answers:

Mini lectures can be planned to enhance student learning

6) Among the following, choose the skills acquired by students during laboratory courses. 1 point

- Teaching  
 Creative thinking  
 Change management  
 Inter-dependent learning

No, the answer is incorrect.  
Score: 0

Accepted Answers:

Creative thinking  
Change management  
Inter-dependent learning

7) Which of the following option best describes a robust assessment plan? 1 point

- Assessment plan should be aligned with learning outcome, should assess all key LO's along with well-designed rubric for all subjective assessment.  
 Assessment plan should be aligned with learning outcome, appropriate teaching learning activities and should have mixed assessment tasks along with well-designed rubric for all subjective assessment.  
 Assessment plan should be aligned with learning outcome, should assess all key LO's along with feedback mechanism.  
 Assessment plan should be aligned with learning outcome, appropriate teaching learning activities and should have mixed assessment tasks along with student reflections.

No, the answer is incorrect.  
Score: 0

Accepted Answers:

Assessment plan should be aligned with learning outcome, appropriate teaching learning activities and should have mixed assessment tasks along with well-designed rubric for all subjective assessment.

8) Which of the following aspect is not relevant for summative assessment? 1 point

- It should be free of bias  
 Complex questions to promote higher level thinking.  
 It should be aligned with learning outcomes.  
 It should have strong feedback mechanism.

No, the answer is incorrect.  
Score: 0

Accepted Answers:

It should have strong feedback mechanism.

9) Identify the correct statement among the following. 1 point

- Formative assessment provides good opportunity to test students on challenging questions and enhance their learning by providing strong feedback.  
 Formative assessment provides good opportunity to test students on less challenging questions and enhance their learning by scoring high marks.  
 Summative assessment provides good opportunity to test students on challenging questions and enhance their learning by providing strong feedback.  
 Summative assessment provides good opportunity to test students on less challenging questions and enhance their learning by scoring high marks as it is measure of entire learning.

No, the answer is incorrect.  
Score: 0

Accepted Answers:

Formative assessment provides good opportunity to test students on challenging questions and enhance their learning by providing strong feedback.

10) Identify the correct statement based on principle of constructive alignment. 1 point

- Teaching learning activity should be aligned with learning outcome and assessment Task (AT) is developed to gauge how well the student has achieved the learning outcome.  
 Teaching learning activity need not be aligned with learning outcome but assessment Task (AT) is developed to gauge how well the teacher has designed course learning outcomes.  
 Teaching learning activity should be aligned with learning outcome and assessment Task (AT) is developed to gauge how well the student has engaged in class activities.  
 Teaching learning activity need not be aligned with learning outcome but assessment Task (AT) is developed to gauge how well the teacher has engaged the students.

No, the answer is incorrect.  
Score: 0

Accepted Answers:

Teaching learning activity should be aligned with learning outcome and assessment Task (AT) is developed to gauge how well the student has achieved the learning outcome.