

**Avinashilingam Institute For Home Science And Higher Education For Women**  
**Coinbatore – 641 043.**

**Continuous Internal Assessment Test I - February 2019**  
**SEMESTER II**

Class : I B.Ed  
Major:

Time: 2 Hrs.  
Max. Marks: 60

**18BEDM12/18BDSM12 : Methods and Techniques of Teaching Mathematics**

**Course Outcomes:**

- CO1: develop competency in teaching skills
- CO2: choose appropriate methodology for teaching mathematics
- CO3: analyse various techniques for teaching mathematics
- CO4: plan daily lesson for teaching mathematics
- CO5: design yearly, term, monthly and weekly plan

**PART – A**

**5 x 1 = 5**

**Choose the correct answer**

1. Micro teaching is a \_\_\_\_\_ of teaching. CO 1 K1
  - a. method b. approach c. style d. Technique
2. Pause is a component of the skill of \_\_\_\_\_ CO1 K1
  - a. questioning b. Explaining c. reinforcement d. stimulus variation
3. Project method was advocated by \_\_\_\_\_ CO2 K1
  - a. Armstrong b. Kilpatric c. Keller d. John Dewey
4. Heuristic method is also called \_\_\_\_\_ CO2 K1
  - a. drill b. Problem based method c. Discovery method d. All
5. The method that keeps good show of discipline in class is \_\_\_\_\_ CO2 K1
  - a. demonstration b. lecture c. assignment d. heuristic

**PART – B**

**5 x 2 = 10**

**Answer the following in one or two sentences**

6. Define Micro teaching CO1 K1
7. Draw the micro cycle CO1 K1
8. Do's when you write on the Black Board(any two) CO1 K1
9. Write any two advantages of Demonstration method CO2 K1
10. List which method is suitable for teaching mathematics CO2 K2

**PART – C**

**3 x 5 = 15**

**Answer ALL Questions**

**Answer should not exceed 200 words or one page**

11. a. Write the characteristics in micro teaching. CO1 K1  
(or)
11. b. How do you use blackboard in math's class. CO1 K2
12. a. Explain heuristic method with an example. CO2 K2  
(or)
12. b. Explain project method with an example. CO2 K2
13. a. Write any five difference between teachers centered method and student centered method. CO2 K2
13. b. Explain any one project related to secondary/higher secondary level with an example for which concept. CO2 K3  
(or)

**PART – D**

**2 x 15 = 30**

**Answer the following**

**Answer should not exceed 700 words or four pages**

14. a. Explain the components of stimulus variation. CO1 K2  
(or)
14. b. Explain the components of questioning. CO1 K2
15. a. Explain the merits and limitations of problem solving with an example. CO2 K2  
(or)
15. b. Explain the merits and demerits of Lecture method. CO2 K2