

**Avinashilingam Institute for Home Science And Higher Education for Women
Coimbatore – 641 043.**

Continuous Internal Assessment Test I - April 2021

SEMESTER II

Class : I B.Ed

Time: 2 Hrs.

Max. Marks: 30

18BEDM12 /18BDSM12 School Subject I: Methods and Techniques of Teaching Mathematics

Course Outcomes:

- CO1: describe the nature and scope of mathematics
- CO2: know how mathematics is correlated with other subjects
- CO3: list the aims and objectives of teaching mathematics at various levels
- CO4: realize the importance of history of mathematics
- CO5: understand and appreciate the contributions of Mathematicians
- CO6: acquire the qualities of a mathematics teacher

PART – A

6 x 1 = 6

**Answer all questions
(Multiple choice questions)**

1. Micro teaching is a CO1 K2
 - a. method of teaching
 - b. training technique
 - c. technique of teaching
 - d. skill development

2. A set of behaviours for bringing desirable change in the stimuli used to secure and sustain pupil's attention towards classroom activities is called as skill of CO1 K2
 - a. reacting
 - b. explaining
 - c. stimulus variation
 - d. probing questions

3. A Project method is the outcome of the pragmatism – ideas propagated by CO2 K1
 - a. Ballard
 - b. Kilpatrik
 - c. Stevenson
 - d. Sir John Dewey

4. An occasion at which the experts of a particular subject meet in order to discuss a matter of interest is called CO3 K2
 - a. Symposium
 - b. Debate
 - c. Seminar
 - d. Debate

5. This is a short participative session that are deliberately built into a lecture or larger group exercise in order to stimulate discussion and provide student feedback . CO3 K2
 - a. Quiz
 - b. Workshop
 - c. Buzz session
 - d. Symposium

6. A very economical device which develops the habit of quick learning and thinking is called CO3 K2
 - a. Oral work
 - b. Drill work
 - c. Self study
 - d. Supervised study

PART – B

2 x 6= 12

Answer any two questions

(2 out of 4 Questions)

Answer should not exceed 400 words

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| 7. | Define Micro teaching. Discuss the general procedure involved in micro teaching by outlining different steps. | CO1 | K2 |
| 8. | Describe the various components of the skill of probing questions and Stimulus variation. | CO1 | K2 |
| 9. | What is Heuristic method of teaching? List out any four merits and demerits. | CO2 | K4 |
| 10. | Describe the ways of organising a Symposium in teaching Mathematics. | CO3 | K4 |

PART – C

1 x 12 = 12

Answer any one question

(1 out of 2 Questions)

Answer should not exceed 800 words

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| 11. | Enumerate the relative importance of Assignment, drill work and Supervised study in the teaching of Mathematics with merits and demerits. | CO3 | K4 |
| 12. | What is a project method? Discuss its various steps along with its merits and demerits in the teaching of mathematics. | CO2 | K4 |