

Avinashlingam Institute For Home Science And Higher Education For Women

Coimbatore – 641 043.

Continuous Internal Assessment Test II - October 2018

SEMESTER I

Time: 2 Hrs.

Max. Marks: 60

Class : I.B.Ed.

Major:

School subject I-18BEDM11/18BDSM11-Introduction to Mathematics Education

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

5 x 1 = 5

Choose the correct answer

1. An example for the cultural value of Mathematics is
a. being simple
b. being honest
c. consumer awareness
d. love of hard work
CO1 K2
2. “Siddanta Siromani” was written by
a. Bhaskara
b. Arya Bhata
c. Mahavira
d. BramaGupta
CO4 K1
3. Greeks were famous for
a. algebra
b. arithmetic
c. geometry
d. magic square
CO6 K2
4. Attending training programme is an example for _____ development.
a. self
b. institutional
c. professional
d. technical
CO3 K2
5. What among the following is not a direct value of teaching Mathematics?
a. developing good handwriting
b. developing appreciation of other subjects
c. developing computational ability
d. developing reasoning ability
CO6 K6

PART – B

5 x 2 = 10

Answer the following in one or two sentences

6. Highlight any two advantages of knowing the history of mathematicians. CO4 K4
7. Write any five names of foreign mathematicians. CO5 K1
8. Write any five names of Indian mathematicians. CO5 K1
9. Write any two specific qualities of a mathematics teacher? CO6 K3
10. List the community activities that a teacher can do. CO6 K6

PART – C

3 x 5 = 15

Answer ALL Questions

Answer should not exceed 200 words or one page

11. a. Select any few problems faced by Mathematics teachers in day to day class and find effective methods to overcome it. CO6 K6
(or)
11. b. What are the ways in which a mathematics teacher motivate the children in learning mathematics? CO6 K6
12. a. Describe the contribution of any one Indian Mathematician. (or) CO5 K2
12. b. Describe the contribution of any one Foreign Mathematician. CO5 K2
13. a. Write the specific qualities of a mathematics teacher? CO6 K3
(or)
13. b. What are the ways by which a teacher can develop professionally? CO6 K6

