

**B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, JUNE 2017****Second Semester****EDU 204.16—PEDAGOGICAL DIMENSIONS OF MATHEMATICS**

(Regular/Supplementary—2015 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.  
Each question carries 1 mark.*

1. What is lesson planning ?
2. List any two merits of objective type questions.
3. Write any two advantages of Continuous and Comprehensive Evaluation (CCE).
4. Mention the importance of unit planning.
5. What is competence based instruction ?
6. Write two pre-requisites for learning the concept 'incircle of a triangle'.
7. What is 'Techno-pedagogy' ?
8. Write any two specifications under the objective 'Analysis'.
9. What are the major Mathematical skills ?
10. Write two implications of Piaget's theory in Mathematics learning.

(10 × 1 = 10 marks)

**Part B**

*Answer any five questions.  
Each question carries 2 marks.*

11. Differentiate formative and summative evaluation.
12. What are the criteria for evaluating a seminar ?
13. What is the role of e-assessment in Mathematics teaching ?
14. Explain the concept of 'ZPD'.
15. Give an example each for aims and objectives of teaching Mathematics.
16. How does Bloom's Taxonomy help in objective based evaluation ?

(5 × 2 = 10 marks)

**Turn over**