

Mid-West University  
**Examinations Management Office**  
Surkhet, Nepal

End Semester Examination 2080

Level: B.Ed. / VII Semester

FM: 60

Time: 3 hrs

PM: 30

Sub: Theory of mathematics Instruction (MATH 476)

*Candidates are requested to give their answers in their own words as far as practicable.*

Attempt All the Questions.

**Group 'B'**

**6 × 5 = 30**

1. Briefly describe the behaviorist theory with its application in teaching mathematics.
2. Explain the experiment of piaget's for the cognitive development of child with example.
3. Explain the general theorems of instruction of Bruner's theory.

**Or**

Explain in writing the phases of intellectual development of Bruner's theory.

4. Write the implication of Van Hiele model theory in mathematics.
5. Explain the humanism approach to teaching learning mathematics.

6. Explain the procedures of constructivist teaching approach to mathematics.

**Or**

Discuss the educational aims and curriculum process of Vygotsky theory.

**Group 'C'**

**2 × 10 = 20**

7. Describe the different types of learning given by Howard Gardner's for learning theory.
8. Write the basic concept and implication of Piaget's theory to math-teaching with an example.

**Or**

List out the factors of affecting learning mathematics in skimp's theory and explain each of them.

**THE END**