

**Mid-West University**  
**Examinations Management Office**

End Semester Exam-2082

B.Ed. Level / V Semester

**Sub: Mathematical Programs (MATH455)**

**Roll No. ....**

**Group 'A'**

**10×1=10**

Tick (✓) the Best Answer.

1. Which of the followings is the main objective of Mathematics in secondary level?
  - a. Acquire facility and accuracy in Mathematical operation.
  - b. Be able to translate verbal problems into the language of Mathematics.
  - c. Become the aware to the usefulness of Mathematics in dealing with many aspects of life.
  - d. All of the above.
2. According to new curriculum, what is the annual teaching hours for Mathematics in grade 8?
  - a. 150
  - b. 160
  - c. 180
  - d. 170
3. Mathematics curriculum of grade 9-10 contains ... sectors/ areas.
  - a. 9
  - b. 6
  - c. 7
  - d. 8
4. In Nepal, integrated curriculum has been implemented in ... grades.
  - a. 1-3
  - b. 1-5
  - c. 1-8
  - d. 6-8
5. Which of the followings is not the role of Mathematics teacher?
  - a. Managing math lab
  - b. Encouraging students in learning by doing
  - c. Collecting manipulative materials
  - d. Buying the materials to make math lab
6. Which of the following is not the main component of curriculum?
  - a. Content
  - b. Objective
  - c. Organization
  - d. Evaluation
7. How many students from one country can participate in Mathematical Olympiad?
  - a. 5
  - b. 6
  - c. 7
  - d. 4
8. In which country was the first Mathematical Olympiad held?
  - a. China
  - b. Romania
  - c. Japan
  - d. South Korea
9. Which of the following is not the characteristic of good leadership?
  - a. Coordination
  - b. Collaboration
  - c. Vision
  - d. Supervision
10. Who identified and described mathematical induction principle for the first time?
  - a. Demorgan
  - b. Peono
  - c. Pascal
  - d. Leibnitz

Mid-West University

**Examinations Management Office**

End Semester Exam-2082

Level: B.Ed. / V Semester

FM: 60

Time: 3 hrs

PM: 30

**Sub: Mathematical Programs (MATH455)**

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

Attempt All the Questions.

**Group 'B'**

$6 \times 5 = 30$

1. 'Mathematics teachers need to study Mathematics curriculum' justify the statement.
2. Mention the objectives of basic level Mathematics curriculum (6-8) in Nepal. Are the objectives relevant? Explain.
3. What is Mathematics club? Describe the role of Mathematics club in school level.

**Or**

What is difference between inter- school and intra -school Mathematics program? Mention the importance of inter- school and intra -school Mathematics program.

4. What is Mathematical labs? Explain the role of teacher in Mathematical in using Lab.
5. Explain the importance of Olympiads in Mathematics learning.
6. Mention the characteristic of a good leadership.

**Or**

Explain the role of students in conducting school Mathematics program.

**Group 'C'**

$2 \times 10 = 20$

7. What is the difference between seminar and workshop? Mention the significance of seminars and workshop in Mathematics education.
8. If you are the chairman of math club in your college, what types of program can you conduct in your college/ university to promote Mathematics education?

**Or**

Mention the types of Mathematical materials. Also explain the challenges of material exhibition.

**THE END**