Mid-West University
Examinations Management Office
Surkhet, Nepal
End Semester Examination-2080

Level: B.Ed. / II Semester

Sub: Geometry for Teacher (MATH 425/326)

Roll No. ....

Group "A" $10 \times 1 = 10$

Tick (✓) the best answer.

1. How many axioms will be assumed in four-point geometry?
   a. 2
   b. 3
   c. 4
   d. 5

2. Which one is not Euclid's postulate?
   a. A straight can be drawn from any point to any point
   b. A finite straight line can be produced continuously in a straight line
   c. A circle can be described with any center and radius
   d. All angles are equal to one another

3. Undefined terms of SMSG model are...
   a. Point, line, plane
   b. Point, line, angle
   c. Point, line, space
   d. Angle, plane, space

4. In Euclidean geometry, the triangle congruence postulate is...
   a. SSS
   b. ASA
   c. SAS
   d. RHS

5. The diagonals of a Saccheri quadrilateral are...
   a. parallel
   b. perpendicular to each other
   c. Congruent
   d. none of the above

6. What is the sum of the angles of a triangle in hyperbolic geometry?
   a. less than 180^0
   b. greater than 180^0
   c. 180^0
   d. none of the above

7. Distance preserving transformation is called...
   a. inversion transformation
   b. non isometry transformation
   c. isometry transformation
   d. none of the above

8. If the scale factor $K > 1$ in any transformation, then homothety is...
   a. an identity
   b. a reflection
   c. a reduction
   d. an enlargement

9. In elliptic geometry, the angle sum of any triangle is...
   a. 180^0
   b. greater than 180^0
   c. less than 180^0
   d. none of the above

10. Any quadrilateral having three right angles is known as....
    a. lambert quadrilateral
    b. saccheri quadrilateral
    c. gaussian quadrilateral
    d. hemilten quadrilateral