

OBJECTIVE TYPE QUESTIONS

Mark the correct alternative in each of the following:

1. Total number of parts of a triangle is
 (a) 3 (b) 6 (c) 9 (d) 1
2. A perpendicular drawn from a vertex to the opposite side of a triangle is known as
 (a) an altitude (b) a median (c) an angle bisector (d) a bisector
3. A triangle
 (a) may not have an altitude (b) can have at most 3 altitudes
 (c) has three altitudes (d) has only one altitude
4. Line segments joining the vertices to the mid-points of the opposite sides of a triangle are known as
 (a) medians (b) altitudes (c) heights (d) angle bisectors
5. A triangle whose no two sides are equal is called
 (a) an acute triangle (b) a scalene triangle
 (c) an isosceles triangle (d) an equilateral triangle
6. A triangle whose two sides are equal is known as
 (a) acute triangle (b) an isosceles triangle
 (c) a scalene triangle (d) a right triangle
7. A triangle whose all sides are equal is called
 (a) an equilateral triangle (b) an acute triangle
 (c) a right triangle (d) an isosceles triangle
8. The sum of the lengths of sides of a triangle is known as its
 (a) area (b) height (c) perimeter (d) region
9. A triangle having all sides of different length is known as
 (a) scalene triangle (b) isosceles triangle
 (c) an equilateral triangle (d) an acute triangle
10. A triangle whose one angle is more than 90° is called
 (a) a scalene triangle (b) a right triangle
 (c) an acute triangle (d) an obtuse triangle

ANSWERS

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| 1. (b) | 2. (a) | 3. (c) | 4. (a) | 5. (b) | 6. (b) | 7. (a) |
| 8. (c) | 9. (a) | 10. (d) | | | | |