## BHARAT SCHOOL OF BANKING GEOMETRY

1. If ABCD is a parallelogram in which P and Q are the centroid of triangle ABD and triangle BCD , then PQ equals :

A. AQ

B. AP

C. BP

D. DQ

2. Two parallelograms stand on equal bases and between the same parallels. The ratio of their areas is :

- A. 1:1
- B. 2:1
- C. 1:3
- D. 1:2

3.ABCD is parallelogram and M is the mid-point of BC.AB and DM are produced to meet at N, then :

- A. AN = 3AB
- B. AN = 2AB
- C. AN = 3/2AB
- D. None of these

4. Diagonals of a parallelogram are 8 m and 6 m respectively . If one of side is 5 m , then the area of parallelogram is :

- A. 18 msq
- B. 30msq
- C. 24msq
- D. 48msq

5. The measures of the angle of quadrilateral taken in order are proportional to 1 : 2 : 3 : 4 then the quadrilateral is :

- A. parallelogram
- B. Trapezium
- C. Rectangle
- D. Rhombus

6. In a parallelogram ABCD , bisectors of consecutive angles A and B intersect at P. find the measure of angle APB :

- A. 90
- B. 60
- C. 120
- D. data insufficient

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7. The sides of triangle are 12 cm, 8 cm and 6 cm. respectively, the triangle is :

- A. acute
- B. obtuse
- C. right
- D. can't determined

8. The point in the plane of a triangle which is at equal perpendicular distance from the sides of the triangle is :

- A. Centroid
- B. Incentre
- C. Circumcentre
- D. Orthcentre

9.If D is such a point on the side, BC of triangleABC that AB/AC=BD/CD then

AD must be a/an :

- A. altitude of triangleABC
- B. median of triangle ABC
- C. angle bisector of ABC
- D. perpendicular bisector of ABC

10. An angle is 30 more than one half of its complement. find the angle in degree :

- A. 60
- B. 50
- C. 45
- D. 80

ANSWERS AND SOLUTION

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