

Riviera International Academy

Assignment-2077

(Baisakh 28, 2077, Sunday)

Class: Nine

Subject – Opt. Mathematics

Point $P(3, -5)$ is reflected to P' in the X-axis. Also P on reflection in the Y-axis is mapped as P'' .

- (i) Find the coordinates of P' and P''
- (ii) Compute the distance of P' and P''
- (iii) Find the middle point of the line segment $P'P''$.
- (iv) Find the slope of the line segment $P'P''$.

Subject – Social Studies

1. Write four features of hunting and gathering society.
2. Write four features of Modern society.

Subject – Science

1. What is average speed? Write its formula.
2. Why speed is called the magnitude of velocity?
3. What will be acceleration when a body is in uniform velocity? Show by calculation.
4. What is average velocity? How can you calculate average velocity when two velocities are given?
5. What is uniform acceleration? What do you mean by acceleration 5m/s^2 ?
6. If velocity is increasing in acceleration, what will be in retardation? Discuss.

The End.