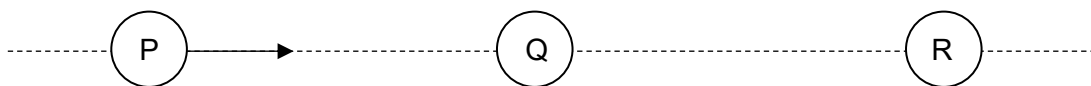


- 6 Three identical stationary discs P, Q and R are placed in a line on a horizontal flat, frictionless surface. Disc P is projected straight towards disc Q.



If all collisions are elastic, what will be the final motion of the three discs?

| | P | Q | R |
|---|--------------|--------------|--------------|
| A | moving right | moving right | moving right |
| B | moving left | moving left | moving right |
| C | moving left | stationary | moving right |
| D | stationary | stationary | moving right |