

# KARNATAKA STATE BOARD OF EDUCATION

## KARNATAKA STATE BOARD OF PHYSICS

### PRACTICE QUESTION PAPER

CLASS - 11

#### SECTION - A

1. Define the following terms:
- (a) Scalar
  - (b) Vector
  - (c) Magnitude
  - (d) Direction
  - (e) Zero vector
  - (f) Unit vector
  - (g) Addition of vectors
  - (h) Subtraction of vectors
  - (i) Multiplication of vectors
  - (j) Division of vectors

#### SECTION - B

2. State the following laws:
- (a) Triangle rule
  - (b) Parallelogram rule
  - (c) Polygon rule
  - (d) Triangle rule for vector subtraction
  - (e) Triangle rule for vector addition
  - (f) Parallelogram rule for vector addition
  - (g) Triangle rule for vector subtraction
  - (h) Triangle rule for vector addition
  - (i) Polygon rule for vector addition
  - (j) Polygon rule for vector subtraction

#### SECTION - C

3. Answer the following questions:
- (a) State the triangle rule for vector addition.
  - (b) State the parallelogram rule for vector addition.
  - (c) State the triangle rule for vector subtraction.
  - (d) State the polygon rule for vector addition.
  - (e) State the polygon rule for vector subtraction.