|Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_||Class: XI | | Paper: Physics | | Time: 30 minutes | |Max. Marks: 25 | |Test # 2|

|NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |F.NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|

KQS COACHING CENTER

Q1: Define unit and position vector.

Q2: If = 2+ 3- 4 , = 3- 4+ 2 = -4+ 2+ 2 then find |4|.

Q3: Two tugboats are towing a ship, each exert a force of 6000N and the angle between the two ropes is 60 calculate the resultant force on the ship.

Q4: The position vectors of point P and Q are 1 = 2+ 3- 2 = 4- 3+2 find .

Q5: If one of the rectangular components of force 50N is 25N, find the value of other.

Prepared by: Sir Hasnain Contact #: 03312189275 Email address: Hasnainkhankqs@gmail.com

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|Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_||Class: XI | | Paper: Physics | | Time: 30 minutes | |Max. Marks: 25 | |Test # 2|

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