

# SPH4U UNIT 1 - DYNAMICS

PART A: MULTIPLE CHOICE (15 marks)

PART B: TRUE/FALSE (10 marks)

PART C: APPLICATION (30 marks)

- relative velocity problem (4)
- atwood/fletcher problem (8)
- inclined plane problem (8)
- projectile motion problem (6)
- centripetal motion problem (4)

PART D: EXPLAIN (20 marks)

- net force scenario (3)
- use newton's laws to explain ... (4)
- action/reaction forces scenario (3)
- centripetal/projectile motion scenario (10)