Assignment Physics 2-12-2021 Answer SV

Physics 2 (Trường Đại học Quốc tế, Đại học Quốc gia Thành phố Hồ Chí Minh)

ASSIGNMENT
SUBJECT: PHYSICS 2
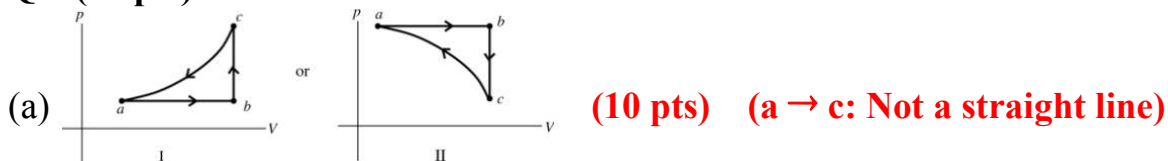**GROUP: 8 – 10 STUDENTS**

Q.1 (25 pts)

(a) $K_A = K_B$ (K depends on T only) **(5 pts)** $v_A > v_B$ (depends on m)   **(5 pts)**

(b) Raise T_B **(5 pts)**

(c) $T_B = 4.53 \times 10^3$ K = 4250°C   **(5 pts)**

(d) $K_B > K_A$ **(5 pts)**

Q.2 (25 pts)

(a)   **(10 pts)**   (b) -4.00×10^4 J **(15 pts)**

Q.3 (25 pts)

(a)   **(10 pts)   (a → c: Not a straight line)**

(b) -2460 J   **(15 pts)**

Q.4 (25 pts)

0.213 kg   **(25 pts)**

END OF QUESTION PAPER