

- 2 \mathcal{E} is the universal set and A , B and C are three sets.

$$\mathcal{E} = \{ p, q, r, s, t, u \}$$

$$A = \{ p, r, t \}$$

$$B = \{ q, r, s \}$$

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- (a) List the elements of the set $A \cap B'$

(1)

Given that

$$n(C) = 3$$

$$n(A \cap C) = 2$$

$$n(B \cap C) = 1$$

- (b) list all the possible sets C

(3)



Question 2 continued

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(Total for Question 2 is 4 marks)



P 7 2 9 1 9 A 0 7 4 0