**A problem without question, but only answers**

Here is a M.C. problem in which the question is cut away, but the choice of answers, given below, is clearly printed. What is the right answer?

(a) All of the below.

(b) None of the below.

(c) All of the above.

(d) One of the above.

(e) None of the above.

(f) None of the above.



**Solution**

(1) (a) is T ⇒ (b) to (f) are T, but (b) is T ⇒ (c) to (f) are F, contradiction.

Hence (a) is F

(2) (c) is T ⇒ (a) is T. By (1), (c) is F.

(3) If (b) is T and by (1) and (2), (a), (c) are F, then (d) is also T since (b) is the only one above (d) is T. Contradiction.

(4) (f) is T ⇒ (a) to (e) are F, confirm that (e) is T. Contradiction.

(5) (e) is the only answer since (a) to (d) are F.

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