Section 12

Assignment 12

(a) The trouble lies in List II and what the correct answer from List I is given below for each.

- Set A: True
- Set B: False

(b) Check with your calculator.

(c) 

(d) 

(e) 

(f) 

(g) 

(h) 

(i) 

(j) 

(k) 

(l) 

(m) 

(n) 

(o) 

(p) 

(q) 

(r) 

(s) 

(t) 

(u) 

(v) 

(w) 

(x) 

(y) 

(z) 

Answer:

- The force is in the cell of the curved metal plate in Figure B below. That is, the fluid is in the direction so that the fluid force is directed so that it is towards the cell.