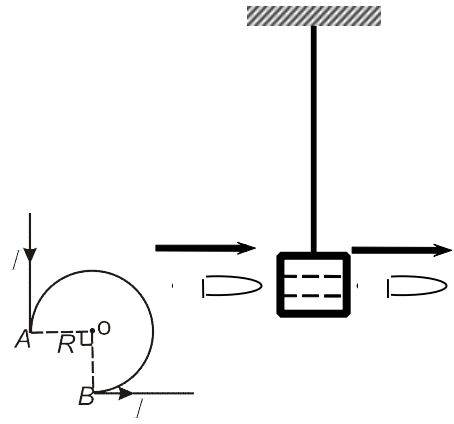


- ( 3 )
3.  $7.2 \times 10^{-23}$   $6.0 \times 10^7$   $^{-1}$  A A  $5.0 \times 10^7$   $^{-1}$
- B A
- (1) B A
- (2) A

4. 1  $1 = 400 K$   $2 = 300 K$
- $400 K$   $1 = 0.001$   $^3$   $2 = 0.005$   $^3$
- (1) 1
- (2)
- (3) 2.

5.  $1 = 10$   $2 = 20$
- $0 = 300$
- (1)
- (2)
- (  $0 = 8.85 \times 10^{-12} C^2$   $^{-1}$   $^{-2}$  )

=  
=



( 6 )

7. **abcd**  
**ad bc**

**OO'**

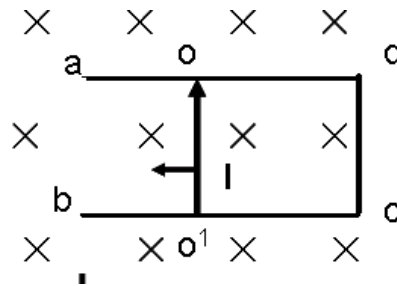
**cd**      **2**      **ad bc**

**B**

**1**  
**2**  
**3**

**$\varepsilon$**

**$F$**



( 7 )