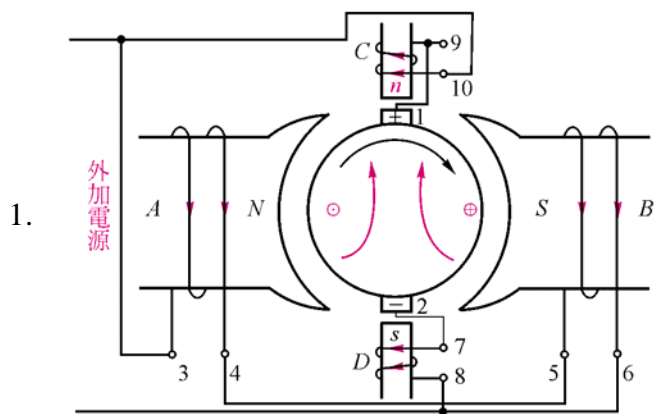


# 答案卷:

## 一、選擇題: 50%

1. (B)
2. (A)
3. (A)
4. (A)
5. (A)
6. (B)
7. (A)
8. (C)
9. (C)
1. (B)

## 二、計算題: 50%



2. (1)線圈數 = 槽數 = 43  
 (2)槽數 = 43 只  
 (3)2×線圈數 = 2×43 = 86 線圈邊  
 (4)總線圈邊數×匝數 = 86×4 = 344 根導體

3. 
$$\frac{V_1}{V_2} = \frac{Z_1}{Z_2} = \frac{I_2}{I_1}$$

$$\frac{24}{V_2} = \frac{200}{400} = \frac{I_2}{10}$$

$$V_2 = 48(\text{V})$$

$$I_2 = 5(\text{A})$$