

Easy Deputy Executive Engineer (Electrician) 2026 Gujarat Public Service Commission / Assistant Engineer (Electrical) 2026

DC 10

20 V

- A

1 2
- B

2 4
- C

1, 2 3

Correct
- D

Correct Answer: C

Full Detailed Explanation

: - 1, 2 3

$$P = \frac{V^2}{R}$$
$$I = \frac{V}{R} = 2 \text{ A}$$
$$P = VI = 40 \text{ W}$$
$$I = 1 \text{ A}$$
$$P = 20 \text{ W}$$
$$I = \frac{V}{R}; P = VI = I^2 R = \frac{V^2}{R}$$