

Moderate

Assistant Engineer (Electrical), Class 2025

Building Department

_____ is the normal length of the cable sample used for testing.

A

1 - 50 cm

B

50cm - 10 m

Correct

C

10 - 100 m

D

Above 100 m

Correct Answer: B

Full Detailed Explanation

Concept & Reasoning Cable test standards use different specimen lengths depending on the exact electrical, mechanical or ageing test. The broad exam range in this question reflects a practical sample long enough to include the complete insulation/sheath construction and terminations while still fitting a laboratory test arrangement. Very short pieces may be unsuitable for some HV tests; very long lengths belong to installed-cable testing rather than ordinary samples. How to Solve It in the Exam Sample test piece think manageable laboratory length. Important Exam Point Do not generalize this broad range to every IEC/IS test; specific standards can prescribe exact dimensions. Related Revision Path This question sits in the revision path Power System High Voltage Engineering Cable Testing .

Open live question on website:

<https://sarkariresultout.com/pyq/question/gpsc-ae-electrical-q231-cable-sample-length-for-tests/>