

Easy

Assistant Engineer (Electrical), Class 2025

Building Department

Which system is considered the central 'brain' for controlling and monitoring a building's mechanical and electrical equipment such as ventilation, lighting and

A

CCTV System

B

Public Address System

C

Building Management System (BMS)

Correct

D

Fire Alarm System

Correct Answer: C

Full Detailed Explanation

Concept & Reasoning A BMS integrates field sensors/actuators with local controllers and supervisory software. It supports scheduling, alarm handling, trends, set-point optimization and energy management. CCTV, PA and fire alarm are specialized subsystems that may interface with a BMS but are not themselves the complete building-control platform.

How to Solve It in the Exam Multi-service monitoring/control BMS. Important Exam Point Integration does not mean the BMS replaces every dedicated life-safety controller.

Related Revision Path This question sits in the revision path Building Electrical Services → Building Automation → Building Management Systems .

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