

Medium

Deputy Executive Engineer (Electric

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ports Authority of Gujarat / Assistant Engineer (E

Consider the following statements about the Energy Conservation Building Code (ECBC): 1. It sets minimum energy standards for commercial buildings. 2. Compliance

A

1 and 2 only

B

1 and 3 only

Correct

C

2 and 3 only

D

1, 2 and 3

Correct Answer: B

Full Detailed Explanation

Correct Answer: B - 1 and 3 only Quick Concept Explanation The Energy Conservation Building Code sets minimum energy-performance requirements for applicable commercial buildings and covers envelope, lighting, electrical systems and HVAC/service systems. It is not a blanket mandatory code for every residential building regardless of size; residential energy codes are handled separately. Key relation: Whole-building compliance can use prescriptive or performance approaches depending on code version/state adoption.Exam focus: Commercial-building scope is the key exam distinction. Common trap: Do not apply ECBC indiscriminately to all residential buildings. Statement-wise Verification Statement 1 - Correct.It sets minimum energy standards for commercial buildings.The Energy Conservation Building Code sets minimum energy-performance requirements for applicable commercial buildings and covers envelope, lighting, electrical systems and HVAC/service systems. Statement 2 - Incorrect.Compliance with ECBC is mandatory for all residential buildings regardless of size.ECBC is principally a commercial-building energy code; it is not a blanket mandate for every residential building Statement 3 - Correct.It covers components like building envelope, lighting and HVAC systems.The Energy Conservation Building Code sets minimum energy-performance requirements for applicable commercial buildings and covers