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Q78

On which of the following can you find the Bureau of Energy Efficiency Star Label? 1. Ceiling fans 2. Electric geysers 3. Tubular fluorescent lamps Select the correct answer using the code given below (a) 1 and 2 only (b) 3 only (c) 2 and 3 only (d) 1, 2 and 3 Official key: D.

UPSC Civil Services Prelims 2016 · General Studies · 2 marks · Current Affairs and GK
Current events, government schemes, miscellaneous GK - Prelims GS Paper I.

Explanation**(a)**

Ceiling fans and electric geysers both carry BEE star labels, but tubular fluorescent lamps were among the earliest labelled products. Stopping at 1 and 2 omits TFLs.

(b)

Tubular fluorescent lamps alone would ignore fans and geysers, which are also on the Standards & Labelling schedule. 3 only is incomplete.

(c)

Geysers and TFLs without ceiling fans would drop a product that BEE has labelled (mandatory for many fan ratings). 2 and 3 only is not the key.

(d) Official key

The Bureau of Energy Efficiency's Standards & Labelling programme covers ceiling fans, electric geysers and tubular fluorescent lamps, among other appliances. All three can carry the star label, so (d) is the official key.

Summary

Official key is (d) 1, 2 and 3. BEE, set up under the **Energy Conservation Act, 2001**, runs a star-label scheme so buyers can compare energy use. Lighting (including TFLs), fans and water heaters have long been on the labelled list, some under mandatory labelling. The question is not which is currently the most efficient technology (LEDs have overtaken TFLs) but where the label can be found. All three products qualify.

Related possible facts

These can be asked in a future Prelims paper.

Energy Conservation Act, 2001

Statutory basis of BEE

Star rating

Usually 1 to 5 stars; more stars mean higher efficiency

Mandatory vs voluntary

BEE notifies products in phases as mandatory

LED / UJALA

Later mass shift from incandescent and CFL/TFL to LEDs

Ministry

BEE is under the Ministry of Power

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