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Q18

With reference to furnace oil, consider the following statements:

1. It is a product of oil refineries. 2. Some industries use it to generate power. 3. Its use causes sulphur emissions into environment. Which of the statements given above are correct?

(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3

Official key: D.

UPSC Civil Services Prelims 2021 · General Studies · 2 marks · Environment and Ecology
Environment, ecology, climate, biodiversity - Prelims GS Paper I.

Explanation

(a)

1 and 2 only. Sulphur in FO is also true.

(b)

2 and 3 only. It is a refinery residue.

(c)

1 and 3 only. Power use in industry is real.

(d) Official key

All three. Residual fuel oil from refineries; used in boilers/power; high sulphur.

Summary

Official key is (d) all three. **Furnace oil** is a heavy refinery product, burned for heat and captive power, and it carries sulphur into the stack.

Related possible facts

These can be asked in a future Prelims paper.

Furnace oil

Residual fuel; bunkers and boilers.

IMO 2020

Marine sulphur cap - a related FO story.