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Q74

Bisphenol A (BPA), a cause of concern, is a structural/key component in the manufacture of which of the following kinds of plastics? (a) Low-density polyethylene (b) Polycarbonate (c) Polyethylene terephthalate (d) Polyvinyl chloride Official key: B.

UPSC Civil Services Prelims 2021 · General Studies · 2 marks · Current Affairs and GK

Current events, government schemes, miscellaneous GK - Prelims GS Paper I.

Explanation

(a)

LDPE. Bags and film; not **BPA**.

(b) Official key

Polycarbonate. **BPA** is the monomer for many PC bottles and linings.

(c)

PET. Soft-drink bottles; different chemistry.

(d)

PVC. Vinyl chloride, not **BPA**.

Summary

Official key is (b) polycarbonate. Bisphenol A is the building block of polycarbonate plastics and of some epoxy can linings - the health scare of the 2010s.

Related possible facts

These can be asked in a future Prelims paper.

BPA

Endocrine-disrupting concern; banned in baby bottles in many places.

PET

The other clear bottle - no BPA as the monomer.