



Daily Current Affairs Prelims Quiz 07-08-2026

1) With reference to the Hexavalent Vaccine, consider the following diseases:

1. Diphtheria
2. Hepatitis B
3. Haemophilus influenzae type b (Hib)
4. Polio
5. Tuberculosis

Which of the above are covered by the Hexavalent Vaccine?

- a. Only one
- b. Only two
- c. Only four
- d. All

Answer : c



Explanation

- **Option c is correct** - Hexavalent Vaccine - A hexavalent (six-in-one) vaccine is a combination vaccine that protects infants against:
 - Diphtheria, tetanus, pertussis (whooping cough), Hepatitis B, Haemophilus influenzae type b (Hib), and polio in a single injection.

2) Consider the following statements with reference to Clouded Leopard Conservation Action Plan (CAP)

1. It proposes the use of camera traps, genetic analysis and environmental DNA (eDNA) for population assessment.
2. The clouded leopard is classified as Endangered in the IUCN Red List.

Which of the statements given above are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : a

Explanation

- **Statement 1 is correct** - It proposes the use of camera traps, genetic analysis and environmental DNA (eDNA) for population assessment.
- **Statement 2 is incorrect** - The clouded leopard is classified as Vulnerable under the IUCN Red

List.

3) With reference to the **IRDAI (Amendment) Regulations, 2026**, consider the following statements:

1. Every insurance proposal/policy is required to be linked to an authorised salesperson to enhance accountability.
2. The amendments completely eliminate the requirement of annual fees for insurance intermediaries.

Which of the statements given above are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : a

Explanation

- **Statement 1 is correct.** Under the IRDAI (Insurance Intermediaries) (Amendment) Regulations, 2026, every insurance proposal, policy, and certificate must be tagged and linked to an authorized salesperson to enforce traceability and curb mis-selling.
- **Statement 2 is incorrect** - Amendments do not eliminate annual fees; rather, they replace periodic three-year renewal cycles with a perpetual registration model that requires continuous payment of an annual fee.

4) With reference to targeted breast cancer therapy, consider the following statements

1. Folic acid helps in targeting breast cancer cells by interacting with folate receptors.
2. The nanobots require an external chemical fuel for their movement toward the tumour.

Which of the statements given above are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : a

Explanation

- **Statement 1 is correct.** Folic acid acts as a targeting ligand that binds to folate receptors overexpressed on breast cancer cells.
- Modern light-driven nanobots developed for cancer therapy utilize external light (such as near-infrared light) for fuel-free directional movement (phototaxis) rather than requiring an external chemical fuel
- **Statement 2 is incorrect** - Advanced nanobots engineered for tumor therapy are often fuel-free and driven directly by external light sources like near-infrared (NIR) irradiation rather than chemical fuels