

Current Affairs Quiz - 16th May 2022

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Current Affairs QUIZ

1. Consider the following statements:

1. The photon is a particle of spin equal to one unit that mediates the electromagnetic interaction or force.
2. Gauge bosons mediate other interactions such as strong interactions, weak instructions, etc.
3. If an object or particle enters the event horizon surrounding a black hole, it cannot escape the gravitational pull of the black hole.

Which of the above statement(s) is/are correct?

- ☐ 1 and 3 only
- ☐ 3 only
- ☐ 1 and 2 only
- ☐ 1, 2 and 3

2. Consider the following statements regarding twin cyclones:

1. Twin tropical cyclones are caused by equatorial Rossby waves, which are huge waves with wavelengths around 4,000-5,000 Kms.

2. Twin cyclones always move into different hemispheres, the northern hemisphere cyclone will move north and east, while the southern one will move south and West.

Which of the above statement(s) is/are correct?

- ☐ 1 only
- ☐ 2 only
- ☐ Both 1 and 2
- ☐ Neither 1 nor 2

3. Consider the following statements:

1. The gravitational force tugging between two bodies depends on how massive each one is and how far apart the two lie.
2. Space and time are interwoven, and events that occur at the same time for one observers could occur at different times for another.

Which of the above statement(s) is/are correct?

- ☐ 1 only
- ☐ 2 only
- ☐ Both 1 and 2
- ☐ Neither 1 nor 2

4. Consider the following statements:

1. It is the world's smallest marine mammal.
2. It has been classified as critically endangered by the IUCN.
3. They are now found only in the Gulf of California, Mexico.

Identify the species.

- ☐ Vaquita
- ☐ Sea otter
- ☐ Weasel
- ☐ Tarsier

5. Consider the following statements regarding Protected Mobility Vehicles (PMV):

1. It has ballistic protection and is unaffected by grenade and mine blasts, used in high-altitude and desert areas.
2. It is manufactured by DRDO in collaboration with the Israel defense ministry.

Which of the above statement(s) is/are correct?

- ☐ 1 only
- ☐ 2 only
- ☐ Both 1 and 2
- ☐ Neither 1 nor 2

Submit