

# Philippine Science Breakthroughs: Golden Sea Slugs, Mangrove Carbon, and

Science Philippines · Practice Test · 10 Questions

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**1. What is the scientific name of the newly discovered 'golden sea slug' found in the Philippines?**

- A) Naisdoris aurornata
- B) Goniodorididae
- C) Rafflesia consueloae
- D) Homo luzonensis

**2. According to recent studies, what significant role do mangroves in the Philippines play in combating climate change?**

- A) They act as carbon vaults, locking away significant amounts of carbon dioxide.
- B) They produce a unique type of biofuel.
- C) They are essential for regulating global tides.
- D) They filter pollutants from the atmosphere.

**3. A 2024 study confirmed the presence of which invasive fish species in Laguna de Bay, raising ecological concerns?**

- A) Tinfoil barb (*Barbonymus schwanefeldii*)
- B) Tilapia
- C) Pangasius
- D) Milkfish

**4. Which of the following is a recent technological advancement highlighted in the Philippines' digital transformation efforts?**

- A) Expansion of 5G networks and digital payment adoption
- B) Development of quantum computing
- C) Widespread use of personal jetpacks
- D) Colonization of Mars

**5. Scientists have identified a new species of sea slug with a bright yellow color, named for its 'golden' appearance. Where has this species been found so far?**

- A) The Philippines and Indonesia
- B) Only in the Philippines
- C) The Philippines and Malaysia
- D) The Philippines and Vietnam

**6. What significant contribution do scientists at the University of the Philippines Tacloban College's research on mangroves highlight?**

- A) Quantifying the 'blue carbon' stock within these ecosystems.
- B) Developing new methods for mangrove desalination.
- C) Mapping the migration patterns of mangrove-dwelling birds.
- D) Investigating the medicinal properties of mangrove roots.

**7. The confirmation of the tinfoil barb in Laguna de Bay highlights a growing concern in the Philippines regarding:**

- A) The unmonitored introduction of invasive freshwater fishes.
- B) Overfishing of native species.
- C) Pollution from aquaculture farms.
- D) The impact of climate change on freshwater ecosystems.

**8. Which of the following is a key enabler of the Philippines' digital transformation, according to recent reports?**

- A) Enhanced connectivity through 5G networks and broadband plans.
- B) A decrease in internet usage.
- C) Limited government investment in technology.
- D) Reliance on analog communication systems.

**9. What significant archaeological discovery on the island of Mindoro suggests advanced maritime capabilities thousands of years ago?**

- A) Evidence of deep-sea fishing capabilities and advanced tools dating back 35,000 years.
- B) Discovery of a lost ancient city.
- C) Invention of the first printing press.
- D) Development of early forms of written language.

**10. Filipino scientists are exploring the use of which natural resource for its significant carbon sequestration potential, particularly in Eastern Visayas?**

- A) Mangroves
- B) Coral reefs
- C) Volcanic soil
- D) Rainforests