

# Philippines' Economy on the Edge: How Global Climate Shifts and Tech Innov

Philippine Economy · Answer Key · 10 Questions

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**1. What is a significant projected economic cost for the Philippine economy annually due to climate change by 2050?**

- A) PHP 16 billion
- B) PHP 26 billion**
- C) PHP 36 billion
- D) PHP 46 billion

**2. Which renewable energy source currently dominates the Philippines' renewable energy market, driven by extensive river systems and existing infrastructure?**

- A) Solar energy
- B) Wind energy
- C) Geothermal energy
- D) Hydropower**

**3. The Philippine agriculture sector is highly vulnerable to climate risks. What percentage of the country's total greenhouse gas (GHG) emissions is attributed to this sector?**

- A) 10%
- B) 15%
- C) 23%**
- D) 30%

**4. Which technology is being promoted in the Philippines as a method to reduce irrigation water use in rice cultivation without lowering yields, contributing to climate-resilient agriculture?**

- A) Hydroponics
- B) Aeroponics
- C) Alternate Wetting and Drying (AWD)**
- D) Vertical Farming

**5. As of 2023, what percentage of the Philippines' GDP was contributed by its digital economy, showing a significant increase from the previous year?**

- A) 6.4%
- B) 7.4%
- C) 8.4%**
- D) 9.4%

**6. The Philippines is recognized as a 'biodiversity hotspot.' Approximately what percentage of global biodiversity is contained within the country, making it one of the most biologically rich areas worldwide?**

- A) 25-40%
- B) 40-55%
- C) 55-70%
- D) 70-80%**

**7. The Philippine Space Agency (PhilSA) aims to harness space technology for various national priorities. Which European Union initiative is building a national Copernicus data centre in the Philippines, the first of its kind in Southeast Asia?**

- A) Galileo
- B) Copernicus**
- C) EGNOS
- D) EUMETSAT

**8. What is the projected annual economic cost to the Philippine economy from climate change and variability by the year 2050?**

- A) PHP 16 billion
- B) PHP 26 billion**
- C) PHP 36 billion
- D) PHP 46 billion

**9. In the context of global scientific collaboration for space technology, which international program has the Philippine Space Agency (PhilSA) become a Data Provider Node (DPN) for since January 2023, to support disaster response?**

- A) Earth Observation Programme
- B) Sentinel Asia**
- C) International Space Station
- D) Mars Exploration Program

**10. Which sector in the Philippines is heavily impacted by climate change, leading to reduced crop yields and driving up food costs, threatening national food security?**

- A) Information and Communications Technology (ICT)
- B) Renewable Energy
- C) Agriculture**
- D) Tourism