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## Practice **Set 1** Solution

# Physics, English & **ENVIRONMENTAL SCIENCES**

### Topics :

Modes of heat transfer, Various temperature scale, conversion of temperature, Kelvin – Celsius, Kelvin – Fahrenheit, Fahrenheit – Celsius and vice versa, Parts of Speech, Tenses, Subject Verb Agreement, Ecosystem, Pollution and its types, Climate Change, Renewable Sources of Energy such as Hydro, Solar, Wind, Bio-mass, Tidal and Geothermal - their availability and limitations.

**DDCE final exam weightage of this topic :** 13 Questions ( 26 Marks )

**Total Practice sets  
of this topic :**

12 ( sets ) x 25 ( questions ) = 300 Questions

**Total Practice tests  
of this topic :**

5 ( exams ) x 50 ( questions ) = 250 Questions

**Offline / Online  
during lecture :**

4 ( lectures ) X 50 ( Questions ) = 200 Question

**Total 750 Questions to  
practice this topic**



**91739 04421**



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1. What is a major advantage of tidal energy?
  - A. Highly predictable ✓
  - B. Works everywhere
  - C. No environmental impact
  - D. Cheap to install
2. Which country is the largest producer of hydroelectric power?
  - A. USA
  - B. China ✓
  - C. Saudi Arabia
  - D. Australia
3. What is a limitation of geothermal energy?
  - A. Only available near tectonic plate boundaries ✓
  - B. Causes air pollution
  - C. Requires burning fossil fuels
  - D. Not renewable
4. Which sector is the largest emitter of greenhouse gases?
  - A. Agriculture
  - B. Energy (burning fossil fuels) ✓
  - C. Transportation
  - D. Healthcare
5. What is the main challenge of biomass energy?
  - A. Can lead to deforestation if not managed sustainably ✓
  - B. Only works underwater
  - C. Releases no CO<sub>2</sub>
  - D. Limited to cold climates
6. Which international agreement aims to combat climate change?
  - A. Kyoto Protocol
  - B. Geneva Convention
  - C. Paris Agreement
  - D. Both a & c ✓
7. Which of the following is a consequence of climate change?
  - A. Stable weather patterns
  - B. Rising sea levels ✓
  - C. Decreased temperatures
  - D. More glaciers forming
8. Which gas is the major contributor to global warming?
  - A. Oxygen
  - B. Carbon dioxide ✓
  - C. Nitrogen
  - D. Argon
9. Which pollutant causes acid rain?
  - A. Oxygen
  - B. Sulfur dioxide ✓
  - C. Methane
  - D. Argon
10. Which of the following is a way to reduce pollution?
  - A. Burning plastic waste
  - B. Using public transport ✓
  - C. Increasing deforestation
  - D. Dumping waste in rivers



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11. What is the primary effect of plastic pollution in oceans?
- A. Increase in fish population
  - B. Harm to marine life ✓
  - C. Cleaner water
  - D. More oxygen production
12. Which type of pollution is caused by excessive noise?
- A. Air pollution
  - B. Water pollution
  - C. Noise pollution ✓
  - D. Soil pollution
13. What is the primary effect of plastic pollution in oceans?
- A. Increase in fish population
  - B. Harm to marine life ✓
  - C. Cleaner water
  - D. More oxygen production
14. What is the main cause of water pollution?
- A. Industrial waste discharge ✓
  - B. Solar energy
  - C. Wind erosion
  - D. Natural rainfall
15. Which human activity most threatens ecosystems?
- A. Recycling
  - B. Afforestation
  - C. Deforestation ✓
  - D. Using renewable energy
16. What is the term for the variety of life in an ecosystem?
- A. Pollution
  - B. Biodiversity ✓
  - C. Extinction
  - D. Climate change
17. The police \_\_\_\_ investigating the case.
- A. is
  - B. are ✓
  - C. was
  - D. has
18. One of the boys \_\_\_\_ missing.
- A. are
  - B. is ✓
  - C. were
  - D. have
19. The committee \_\_\_\_ divided in their opinions.
- A. is
  - B. are ✓
  - C. was
  - D. has
20. Mathematics \_\_\_\_ my favorite subject.
- A. are
  - B. is ✓
  - C. were
  - D. have

DDCET 2025



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21. She has been working here since 2010.  
(Identify the tense)

- A. Present Perfect Continuous ✓
- B. Past Perfect
- C. Future Perfect
- D. Present Simple

22. By 2030, scientists will have discovered a cure. (Identify the tense)

- A. Future Perfect ✓
- B. Future Continuous
- C. Present Perfect
- D. Past Perfect

23. We visited Paris last summer. (Identify the tense)

- A. Past Simple ✓
- B. Present Perfect
- C. Past Continuous
- D. Future Simple

24. "She is the most intelligent student in the class."  
– What type of adjective is "most intelligent"?

- A. Comparative
- B. Superlative ✓
- C. Descriptive
- D. Demonstrative

25. "Those shoes are expensive." – What kind of adjective is "those"?

- A. Demonstrative ✓
- B. Possessive
- C. Interrogative
- D. Quantitative



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