

Sample Paper Level 3 (Classes 9-10)

- 1) The passenger pigeon, dodo, and stegosaurus are examples of species that are no longer living on the earth. What term is used to describe these?
 - a) Extinct species
 - b) Active species
 - c) Volatile species
 - d) Threatened species

- 2) A highlight of the annual Earth Day ceremony at the United Nations is the ringing of the Peace Bell. Which country gifted this bell?
 - a) France
 - b) Japan
 - c) Sweden
 - d) India

- 3) Which branch under entomology deals with the scientific study of butterflies and moths?
 - a) Scientology
 - b) Apiology
 - c) Lepidopterology
 - d) Anthropology

- 4) When rain water comes in contact with the dry earth (containing a certain bacteria) it lets out a pleasant earthy odour. Which word is used to describe “this pleasant smell of rain”?
 - a) Nectar
 - b) Petrichor
 - c) Ambrosia
 - d) Dust

- 5) The Jog Falls located in Karnataka is one of the highest plunge waterfalls in India. Which river creates Jog Falls?
 - a) Sharavathi
 - b) Mandavi
 - c) Kalinadi
 - d) Gangavalli

6) 'Limnology' is a study of inland bodies of water and related ecosystems. Limnology divides lakes into three zones: littoral, photic, and profundal. Which of the following zones receives the least light?

- a) Photic zone
- b) Profundal zone
- c) Littoral zone
- d) Limnetic zone

7) The term 'smog' was first used in 1905 to describe the conditions of fog that contained soot or smoke in it. Smog is basically a combination of various gases with water vapour and dust. Which of the following persons used the word 'smog' for the first time?

- a) H A Des Voeux
- b) Oscar Auerbach
- c) Robert O Becker
- d) Robert M Jacobson

8) A "sink hole" is a natural depression or hole in the Earth's surface underlain with soluble rocks. It may be referred to as a collapse of the ground into a void below caused by which one of the following?

- a) Tunnelling
- b) Water
- c) Volcano
- d) Earthquake

9) This book written by former US Vice President Al Gore in 2009 is the sequel to his famous documentary and book *An Inconvenient Truth*. Name the book.

- a) *Our Choice: A Plan to Solve the Climate Crisis*
- b) *Earth in the Balance*
- c) *The Riverkeepers*
- d) *Climate Capitalism*

10) This indicator is a measure of human demands on the Earth's ecosystems. It represents the amount of biologically productive land and sea area necessary to supply the resources a human population consumes, and to assimilate associated waste. Identify the term given to this indicator.

- a) Population footprint
- b) Growth footprint
- c) Sustainable footprint
- d) Ecological footprint

Answer Key:

1- a

2-b

3-c

4-b

5-a

6-b

7-a

8-b

9-a

10-d