

Q.84) In which of the following areas Hyperspectral Imaging could be useful?

1. Inspecting the quality of food items
2. Forensic investigation
3. Detection of ocean oil spills
4. Medical diagnosis

Select the correct answer using the codes given below:

- a) 1, 2 and 3 only
- b) 1 and 4 only
- c) 2 and 3 only
- d) 1, 2, 3 and 4

Q.85) Which of the following are the major impacts of ocean warming?

1. Increased incidents of Coral Bleaching.
2. Loss of breeding grounds for mammals.
3. Sea level rise.
4. Deoxygenation of oceans.
5. Threat to food security.

Select the correct answer using the code given below:

- a) 1, 2, 3 and 5 only
- b) 1, 3, 4 and 5 only
- c) 1, 2, 3 and 4 only
- d) 1, 2, 3, 4 and 5

Q.86) Reverse zoonotic event is related to the which of the following:

- a) It is a disease that transmits from humans to animals
- b) It is the transmission of an infectious disease from animals to humans
- c) It is a disease that is generally acquired by sexual contact.
- d) It refers to the transfer of an infectious agent from a reservoir to a host by suspended air particles, inanimate objects or animate intermediaries.

Q.87) In the context of Plate Tectonics Theory, consider the following statements:

1. Block Mountains are created due to the convergence of an oceanic and a continental plate.
2. Fold Mountains can be formed due to the convergence of oceanic and continental plates.
3. Earthquakes are absent at the convergent boundary of two continental plates.
4. Mid-Oceanic ridges are formed along divergent plate boundaries, where new ocean floors are created.

Which of the statements given above are correct?

- a) 1, 2 and 3 only
- b) 3 and 4 only
- c) 2 and 4 only
- d) 1, 2, and 4 only

Q.88) The recently released Global Air Quality Guidelines by the World Health Organisation have recommended safe air quality levels of which of the following pollutants?

- a) Particulate matter (PM 2.5 and 10), carbon dioxide, nitrogen dioxide, sulfur dioxide and carbon monoxide.
- b) Particulate matter (PM 2.5 and 10), ozone, nitrogen dioxide, sulfur dioxide and carbon dioxide.
- c) Particulate matter (PM 2.5 and 10), ozone, nitrogen dioxide, sulfur dioxide and carbon monoxide.
- d) Ammonia, ozone, nitrogen dioxide, sulfur dioxide and carbon monoxide.

Q.89) Which of the following is the correct chronological order of the formation of the early political associations in British India?

1. East India Association
2. Indian National Association
3. Poona Sarvajanik Sabha
4. Madras Mahajan Sabha

Select the correct answer using the code given below:

- a) 4-2-3-1
- b) 1-3-2-4
- c) 3-2-4-1
- d) 3-1-2-4

Q.90) Which of the following pairs are correctly matched?

List I

Straits

1. Kerch Strait
2. Strait of Hormoz
3. Strait of Gibraltar
4. Strait of Korea

List II

Connecting seas

- Azov sea with the Black Sea
- Gulf of Aden with the Persian Gulf
- The Mediterranean Sea with the Atlantic Ocean
- East China sea with Sea of Japan

Select the correct answer using the code given below:

- a) 1 and 3 only
- b) 2, 3 and 4 only
- c) 1, 3 and 4 only
- d) 1, 2 and 4 only