

IASBABA TEST 24 ENVIRONMENT AND SCIENCE TECH

34. The amount of Ozone in the atmosphere is measured in terms of which of the following?

- a) Dobson units b) Mole c) Richardson units d) Grams per cubic millimetre

35. Consider the following statements regarding impact of ozone depletion on various organisms

1. UV exposure decreases the immune response to skin cancers, infectious agents.
2. The most severe effects are decreased reproductive capacity and impaired larval development of marine species.

Choose the correct statement/s using the codes given below

- a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

36. Which of the following are the impacts of the climate change on different aspects of life?

1. Arable lands in high latitudinal places would increase, but the same in coastal areas would decrease.
2. Unpredictability in the amount of annual food produce would increase in the times to come.
3. One can expect increased frictions over the water of inter-state and inter-national rivers.

Choose the correct statements using the codes given below

- a) 1 and 2 only b) 2 and 3 only c) 1 and 3 only d) All of the above

37. Carbon sequestration methods aims to capture the Carbon dioxide (CO₂) from which of the following sources?

1. Industries 2. Atmosphere 3. Power stations

Choose the correct answer using the codes given below

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

38. Which of the following can be considered as a 'carbon sink'?

1. Forests 2. Oceans 3. Depleted oil reserves

Choose correct answer:

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

39. Recently launched 'Blue Carbon initiative' aims to rejuvenate which of the following?

- a) De-forested lands
- b) Desertified arid lands
- c) Coastal marine ecosystems
- d) Lost glaciers and ice caps

40. Consider the following statements

1. A carbon credit is a tradable certificate or permit representing the right to emit one tonne of carbon or carbon dioxide equivalent (tCO₂e).
2. India's Multi Commodity Exchange (MCX) has become first exchange in Asia to trade carbon credits.
3. Scandinavian countries like Norway, Sweden etc., are currently the largest seller of carbon credits controlling about 70% of the market share.

Choose the correct statements using the codes given below

- a) 1 and 2 only b) 2 and 3 only c) 1 and 3 only d) All of the above

41. Which of the following are a part of global geo-engineering plans for combating global warming?

1. Mimicking an volcanic eruption 2. Positioning space mirrors
3. Whitening of the clouds 4. Building Fake trees

Choose the correct answer using the codes given below

- a) All of the above b) 1, 2 and 3 only c) 2, 3 and 4 only d) 1, 3 and 4 only

42. Consider the following initiatives of the government

1. Perform Achieve and Trade (PAT)
 2. Market Transformation for Energy Efficiency
 3. Energy Efficiency Financing Platform (EEP)
 4. Framework for Energy Efficient Economic Development (FEEED)
- The above initiatives are a part of which of the following Scheme/Mission?

- a) National Solar Mission
- b) National Mission For Enhanced Energy Efficiency
- c) National Mission On Sustainable Habitat
- d) National Mission For A Green India

43. Which of the following is *not* an Intended Nationally Determined Contribution (INDCs) of the India at the Paris climate conference?

- a) To reduce the emissions intensity of its GDP by 33 to 35 per cent by 2030 from 2005 level.
- b) To create an additional carbon sink of 2.5 to 3 billion tonnes of CO₂ equivalent through additional forest and tree cover by 2030.
- c) Transition to clean energy systems with the help of transfer of technology and low cost international finance, including from Green Climate Fund.
- d) To achieve about 80% cumulative electric power installed capacity from non-fossil fuel based energy resources by 2030.