

31. Red mud is a solid waste generated during the aluminium production by the Bayer process from bauxite. In this context, consider the following statements with reference to Red Mud:

1. It is extremely corrosive and damaging to soil and life forms.
2. It can be used in wastewater treatment.
3. It can be used for the treatment of soil and retaining certain nutrients.

Which of the statements given above is/are correct?

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

32. Consider the following statements with reference to the new rules for Corporate Social Responsibility under Companies Act 2013:

1. A company is allowed to undertake its CSR implementation through a registered public trust or a registered society
2. Non-compliance with CSR provisions has been made a criminal offence.

Which of the statements given above is/are correct?

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

33. Consider the following statements about the Kangra school of paintings:

1. It is inspired from the Vaishnavite traditions.
2. Soft colours including cool blues and greens were used in these paintings.

Which of the statements given above is/are correct?

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

34. Consider the following statements regarding the Treaty on the Prohibition of Nuclear Weapons (TPNW):

1. It is a legally binding instrument aimed at total elimination of nuclear weapons.
2. It works under the aegis of the United Nations.
3. India has signed and ratified the treaty.

Which of the statements given above are correct?

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

35. The term 'PartNIR' is sometimes mentioned in news in the context of the affairs of which of the following?

- (a) BRICS
- (b) G20
- (c) UNFCCC
- (d) IMF

36. Consider the following statements with reference to 'sedimentary nutrient cycle' in an ecosystem:

1. Sedimentary nutrient cycles are imperfect in nature as some nutrients are lost and become unavailable for recycling.
2. Carbon and nitrogen cycles are examples of sedimentary nutrient cycles.

Which of the statements given above is/are correct?

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