

35. With reference to 'Red Mud', consider the following statements:

1. It is a waste produced during extraction of iron from its ore.
2. It is an environmental concern due to the presence of caustic soda along with few other minerals.
3. It can be used in production of building materials.

Which of the statements given above is/are correct?

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

36. Consider the following pairs:

State Bird	State
1. Great Indian Bustard	: Gujarat
2. House Sparrow	: Bihar
3. Blyth's Tragopan	: Nagaland

Which of the pairs given above is/are correctly matched?

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

37. With reference to the 'vesicular arbuscular mycorrhiza', which of the following statement is **not** correct?

- (a) It is formed by the parasitic association between certain phycomycetous fungi and soil bacteria.
- (b) They are used as Biofertilizers.
- (c) The vesicles are terminal swellings of hyphae having storage function.
- (d) It helps dissolve phosphates for plant intake.

38. Established in 1976 as a Wildlife Sanctuary, the tiger sanctuary is placed in a gorge. It is the meeting point of two bio-geographic

regions of India; the Deccan Peninsula and the Eastern Ghats. The area of the Tiger Reserve supports moist deciduous forest, dry deciduous forest and moist peninsular Sal forest. This area is the home for Tiger, Leopard, Elephant, Gaur, Sambar, Spotted deer, Mouse deer, Nilgai, Chousingha, Sloth bear, Wild dog etc.

Which Tiger Reserve has been described above?

- (a) Satkosia
- (b) Achanakmar Amarkantak
- (c) Simlipal
- (d) Indrawati

39. Which of the following Out of Box (OoB) measures have been adopted by the Ministry of Coal for the comprehensive Sustainable Development Plan?

1. Utilisation of Mine Water
2. Ecotourism in mining areas
3. Coal transport through conveyor belts
4. Use of Sand from Over Burden (OB)

Select the correct answer using the code given below:

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

40. With reference to Stardust 1.0, consider the following statements:

1. It is the first commercial space launch powered by biofuel.
2. It is a launch vehicle suited for student and budget payloads.

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