

Select the correct answer using the code given below:

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

37. Which of the following statements is/are correct regarding Nitrates?

1. Nitrates are produced by means of various fermentation processes using urine and dung.
2. High nitrate contamination in ground water results in foot and mouth disease.
3. Excess nitrate concentrations in aquatic systems can lead to algae blooms.

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) None

38. Consider the following statements regarding ferrous and non-ferrous Metals:

1. Ferrous Metals are more resistant to corrosion than Non-Ferrous Metals.
2. Ferrous metals have a high level of conductivity, whereas non-ferrous metal have a low level of conductivity.
3. Ferrous metals are very malleable therefore more suited for use where weight is an important factor.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) None

39. Which of the following pairs are correctly matched?

<i>Region</i>	<i>Leading Producer of</i>
1. Kodarma	Manganese
2. Hutti	Gold
3. Khetri	Copper
4. Raipur	Diamond

Select the correct answer using the code given below.

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

40. Consider the following statements regarding raw material processing Industries:

1. Footloose industry is an industry which is not oriented to any particular location.
2. Textile industries is example of Weight-losing industry.
3. Capital-intensive industries use lot of labour.

Which of the above statements is/are incorrect?

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

41. Consider the following statements regarding Metal Tin:

1. Chhattisgarh is the only Tin producing State in India.
2. Tin plates are used in packaging food products.
3. Tin mixed with mercury forms excellent dental amalgam to be used for filling dental cavities.

Which of the above statements is/are correct?

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

42. Which of the following statements are correct regarding Phosphate Minerals?

1. It is found widespread in sedimentary rocks.
2. It is necessary for the growth and repair of all body tissues and for the proper growth of bones and teeth.
3. It is essential for plant nutrition and plays a vital role in photosynthesis.