

NPTEL COURSE: Environment Impact Assessment (EIA)

WEEK-10 ASSIGNMENT- 10

Each question carries equal marks-2

Total Nos. of Questions-10

Total Marks-20

1. State True or False: As per the European landscape convention landscape is defined as a zone or area as perceived by local people or visitors whose visual features and character are the result of the action of natural and/or cultural (that is human) factors.

- a) True
- b) False

Correct Answer: a) True

2. The factors that contribute to the Landscape for Natural Factors are:

- I Geology
- II Landforms
- III Hydrology
- IV Air and Climate

Answers

- a) I, III, only
- b) II, I, only
- c) II, III only
- d) I, II, III, IV

Correct Answer: d) I, II, III, IV

3. Field Survey Techniques: Auguring – is most frequently used in river valleys where deposition has covered the land surface.

- a) True
- b) False

Correct Answer: a) True

4. Field Survey Techniques: The Test Pitting method is:

- I Hand excavation by creating small pits of planned sizes
- II Test pits can be of different sizes as per requirements.
- III Machine trenching can also be done.

Answers

- a) I, III, only
- b) II, I, only
- c) III, IV only
- d) I, II, III

Correct Answer: d) I, II, III

5. The Impact of Urban Development are:

- I Run-Off
- II Soil Erosion
- III Nutrients and toxic pollutant loadings in estuaries and marine water (bioaccumulation, eutrophication)

Answer

- a) I, III, only
- b) II, I, only
- c) II, III only
- d) I, II, III

Correct Answer: c) I, II, III,

6. Steps of Human Health Risk Assessment are:

- I Hazard Identification
- II Dose-Response Assessment
- III Exposure
- IV Deepening of inshore waters-risk of shoreline erosion

Answer

- a) I, III, IV only
- b) II, I, III only
- c) II, III, I, IV
- d) I, II, IV only

Correct Answer: c) II, III, I, V, IV

7. State True or False: As per Wolf,1974 Social Impact Assessment (SIA) is defined as the Estimating and appraising of the conditions of a society organized and changed by the large-scale application of high-technology

- a) True
- b) False

Correct Answer: a) True

8. Methods most frequently used for Measuring wider Economic Impact for the Multiplier Approach are:

- I Economic base Multiplier Model
- II The Input-Output Model
- III The Keynesian Multiplier

Answer

- a) I, III, only
- b) II, I, only
- c) I, II, III

Correct Answer: c) I, II, III

9. State True or False: Social cohesion refers to people's sense of belonging to a community their satisfaction with life in the community and whether or not the community is considered a social asset.

- a) True
- b) False

Correct Answer: a) True

10. The Significance of Population changes are: The existing population size and structure in the impact area
The geographical distribution of the immigrant population
The timing of the population changes

Answers

- a) I, III only
- b) II, I, only
- c) I, IV only
- d) I, II, III

Correct Answer: a) I, II, III