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Announcements

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Unit 12 - Week 11_Applied Ecology

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Course outline

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Assignment-11

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-04-17, 23:59 IST.**

1) A deciduous forest in Madhya Pradesh was converted to a mine. After the mining operations were over, the pits were filled up with water and a lake was created. It is now visited by several migratory birds. This is an example of **2 points**

- recovery
- restoration
- enhancement
- replacement

No, the answer is incorrect.

Score: 0

Accepted Answers:

replacement

2) Which of these is correct? **2 points**

- The maximum sustainable yield is near the beginning of the sigmoidal curve.
- The maximum sustainable yield is near the mid-point of the sigmoidal curve.
- The maximum sustainable yield is near the end of the sigmoidal curve.
- None of these.

No, the answer is incorrect.

Score: 0

Accepted Answers:

The maximum sustainable yield is near the mid-point of the sigmoidal curve.

3) A pest population is called uncontrolled when **2 points**

- it is increasing
- it is not decreasing

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11_Applied Ecology

- Lecture 31_Optimum yield problem
- Lecture 32_Biological control
- Lecture 33_Ecotoxicology and pollution management, Restoration ecology
- Quiz : Assignment-11
- Assignment 11 Solution

Week 12_Revision

4) A root zone treatment plant is an example of **2 points**

phytoremediation

biological control

biomagnification

bioaccumulation

No, the answer is incorrect.

Score: 0

Accepted Answers:
phytoremediation

5) Which of these is correct? **2 points**

$R + G = M + F$

$R + M = G + F$

$R + F = M + G$

$R + G + M + F = 0$

No, the answer is incorrect.

Score: 0

Accepted Answers:
 $R + G = M + F$

6) A pest population is called controlled when **2 points**

it is not increasing

it is decreasing

it is not causing any economic damage

it is not causing excessive economic damage

No, the answer is incorrect.

Score: 0

Accepted Answers:
it is not causing excessive economic damage

7) Which of these is not an impact of toxic chemicals? **2 points**

lethal effects

sub-lethal effects

reduction of existing stressors

reduced fecundity

No, the answer is incorrect.

Score: 0

Accepted Answers:
reduction of existing stressors

8) A deciduous forest in Madhya Pradesh was converted to a mine. After the mining operations were over, the pits were filled up with soil and species of deciduous forest planted again. This is an example of **2 points**

recovery

restoration

enhancement

replacement

No, the answer is incorrect.

Score: 0

Accepted Answers:

restoration

9) Ludwig's ratchet predicts

2 points

- decreasing harvesting rate
- constant harvesting rate
- increasing harvesting rate
- fluctuating harvesting rate



No, the answer is incorrect.

Score: 0

Accepted Answers:

increasing harvesting rate

10) The impact of El Nino on fishery collapse in Peru is explained by

2 points

- match hypothesis
- mismatch hypothesis
- match-mismatch hypothesis
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

match-mismatch hypothesis

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