



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

AIPMT-2014 (ECOLOGY)

Mcqs

1. If 20 J of energy is trapped at producer level, then how much energy will be available to

peacock as food in the following chain?

Plant → Mice → Snake → Peacock

A. 0.0002J

B. 0.02 J

C. 0.002 J

D. 0.2J

Answer:



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2. The organization which publishes the Red List of species is :

A. WWF

B. ICFRE

C. IUCN

D. UNEP

Answer:



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3. A species facing extremely high risk of extinction in the immediate future is called

A. Extinct

B. Vulnerable

C. Endemic

D. Critically endangered

Answer:



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4. Match the following and select the correct option.

(a) Earthworm (i) Pioneer species

(b) Succession (ii) Detrivore

(c) Ecosysem service (iii) Natality

(d) Population growth (iv) Pollination

A. 1 2 3 4
 a *ii* *i* *iv* *iii*

B. 1 2 3 4
 b *i* *ii* *iii* *iv*

C. 1 2 3 4
 c *vi* *i* *iii* *ii*

D. 1 2 3 4
 d *iii* *ii* *iv* *i*

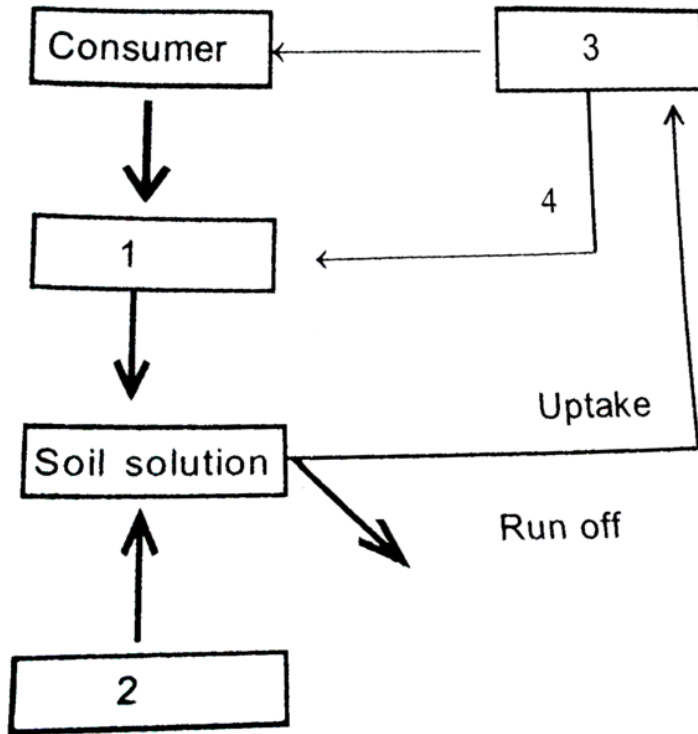
Answer:



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5. Given below is a simplified model of phosphorus cycling in a terrestrial ecosystem

with four blanks (1 - 4). Identify the blanks



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6. Just as a person moving from Delhi to Shimla, escape the heat for the duration of hot summer, thousands of migratory birds form Siberia and other extremely cold northern regions move to

A. Keolado National Park

B. Western Ghat

C. Meghalaya

D. Corbett National Park

Answer:



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7. A location with luxuriant growth of lichens on the trees indicates that the

- A. Location is not polluted
- B. Trees are very healthy
- C. Trees are heavily infested
- D. Location is highly polluted

Answer:



8. An example of ex situ conservation is

Or

Which is the best method of germplasm conservation

- A. Sacred Grove
- B. National Park
- C. Seed Bank
- D. Wildlife Sanctuary

Answer:



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9. The zone of atmosphere in which the ozone layer is present is called

A. Troposphere

B. Ionosphere

C. Mesosphere

D. Stratosphere

Answer:



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10. A scrubber in the exhaust of a chemical industrial plant removes

A. Particulate matter of the size 2.5 micrometer or less

B. Gases like sulphur dioxide

C. Particulate matter of the size 5 micrometer or above

D. Gases like ozone and methane

Answer:



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