



BIOLOGY

BOOKS - BETOPPERS

MANAGEMENT OF NATURAL RESOURCES

Worksheet 1

1. The Bishnoi community of Rajasthan is associated with the conservation of :

A. coal and petroleum

B. forests and wildlife

C. abiotic

D. environment

Answer: B



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2. The Chipko Andolan is associated with :

A. Tigers

B. Turtles

C. Trees

D. Tomatoes

Answer: C



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3. Amrita Devi Bishnoi was associated with :

A. preventing the custom of child marriage
in Rajasthan

B. campaign to save the girl child

C. conservation of cultural heritage of
Rajasthan

D. conservation of forests and wildlife

Answer: D



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4. One of the following is not a direct stakeholder in the management (or conservation) of forests. This is :

A. the people who have paper mills.

B. the people who run the forest department .

C. the people who campaign for the conservation of forests

D. the people who live in urban areas

Answer: D



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5. The river water is said to be polluted with acidic wastes if the pH of river water is :

A. zero

B. above 7

C. below 7

D. exactly 7

Answer: C



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6. The major programme started to replenish the damaged forests is called :

- A. horticulture
- B. tissue culture
- C. agriculture
- D. silviculture

Answer: D



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7. With which tree Amrita Devi Bishnoi is associated ?

A. khajoor

B. khejrali

C. khejri

D. keekar

Answer: C



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8. One of the following does not contribute in producing acid rain. This one is :

A. sulphur dioxide

B. carbon dioxide

C. nitrogen oxides

D. carbon monoxide

Answer: D



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9. The poisonous gas which reduces the oxygen-carrying capacity of blood to a large extent is :

A. SO_2

B. NO

C. CO

D. CO_2

Answer: C



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10. Which of the following is not an ancient water harvesting structure ?

A. kattas

B. sargam

C. kulhs

D. surangams

Answer: B



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11. Snakes are killed in large numbers because :

- A. they are very poisonous
- B. they kill rats
- C. their skin is expensive
- D. they damage the crops

Answer: C



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12. Which of the following is not a fossil fuel ?

A. LPG

B. natural gas

C. biogas

D. CNG

Answer: C



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13. Which of the following is not a natural resource?

A. soil

B. water

C. electricity

D. natural gas

Answer: C



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14. The most rapidly dwindling natural resource in the world is :

A. water

B. soil

C. sunlight

D. forests

Answer: D



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15. Which of the following is not a natural resource ?

A. snake

B. wind

C. wooden house

D. mango tree

Answer: C



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Worksheet 2

1. The three R's which can help us to conserve natural resources for long term use are :

A. recycle, regenerate, reuse

B. reducc, regenerate, reuse

C. reduce, reuse, redistribute

D. reduce, recycle, reuse

Answer: D



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2. The main reason for the abundant coliform bacteria in the water of river Ganga is :

A. immersion of ashes of the dead into the river

B. washing of clothes on the banks of river

C. discharge of industrial wastes into river water

D. disposal of unburnt corpses into river water

Answer: D



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3. The pH of a sample of water collected from a river is found to be in the range of 3.5 to 4.5. The most likely reason for this is the waste being discharged into the river from a :

A. soap and detergent manufacturing factory

B. car battery manufacturing factory

C. alcohol manufacturing factory

D. plastic cups moulding factory

Answer: B



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4. Which of the following statement is incorrect?

A. economic development is linked to environmental conservation

B. sustainable development meets the current basic human needs and also preserves resources for future generations

C. sustainable development does not take into consideration the viewpoints of all stakeholders

D. sustainable development is a long planned and persistent development

Answer: C



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5. Arabari forest of Bengal is dominated by :

A. Teak

B. Sal

C. Bambooo

D. Mangroove

Answer: B



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6. Groundwater will not be depleted due to :

A. process of afforestation

B. establishing thermal power plants

C. process of deforestation ,

D. cultivation of high yielding varieties of
crops

Answer: A



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7. Ahars, Kattas, Bhundhis and Khadins are the modes of :

A. grain storage

B. soil conservation

C. water harvesting

D. cold storage

Answer: C



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8. Which of the following combination of terms has no fossil fuel ?

- A. wind, ocean, coke
- B. kerosene, tide, wind
- C. wood, wind, sun
- D. petrol, wood, sun

Answer: C



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9. The use of one of the following is eco-friendly. This one is :

- A. cars for transportation
- B. polybags for shopping
- C. windmills for generating power
- D. dyes for colouring clothes

Answer: C



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10. Khadins are used in Rajasthan to :

- A. hold water for irrigation
- B. recharge groundwater
- C. promote soil erosion
- D. trap wild animals

Answer: B



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11. In a village, farmers started cultivating crops all around a lake which was always filled with water. They added lot of materials W to the soil in their fields to increase the yield of crops. Soon they found that the whole surface of water in the lake was covered with a green layer made up of tiny organisms X. After some time, the fish present in the lake started dying in large numbers because they could not get sufficient Y due to a process Z which had occurred in lake water and drained out all the Y present in the water of lake.

A. What do you think materials Ware?

B. Name (2) X, and (ii) Y.

C. What is the process Z known as ?

D. What happens during the process Z

which uses up all the Y present in lake

water?

(E) What does this example tell us about

the use of materials like W ?

Answer:



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12. There were lot of organisms A in the crop fields in an area. These organisms used to feed on organisms B also present in the crop fields but which damaged the standing crops. One day some people arrived in the fields and killed all the organisms A so that they could remove their C for making fancy items which were in great demand. Due to large scale killing of A, the population of B increased too much damaging all the crops in the area and causing a famine-like situation. Apart from A,

there is another organism D which can also kill and eat B. Name A, B C and D.



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13. The material A is fossil fuel which is extracted from the earth. It is said to be formed from the buried , large land plants by a very slow process B. When A is heated in the absence of air in a process called C, then it gives three products D, E, and F. The product D is used as a reducing agent in the extraction

of metals the product E is used as an industrial fuel whereas the product F has been traditionally used for metalling the roads .

c) Name the processes (i) B and (ii) C.

A. What are (i) fuel A, and (ii) fuel B?

B. Name (i) C (ii) D (iii) E, and (iv) F

C. What is the process of formation of F during lightning known as ?

D. Which fuel is supposed to be exhausted sooner : A or B ?
pr settings to activate Windows

(E) Which fuel is mostly used for generating electricity at thermal power plants ?

Answer:



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14. A man bought a device X which could cook pulses, vegetables and rice without using any fuel like wood, coal, kerosene or LPG, etc. The device did not work at night. It also took a lot

of time for cooking.

(a) Name the device X.

(b) What is the source of energy which cooks food in this device ?

(c) What is the name of the process which traps energy in this device ?

(d) State one advantage (other than saving on fuel) of using such a device for cooking food.

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15. A person buys two electrical devices P and Q for lighting purposes in his house. The device P consumes only 5 units of electricity in a month but device Q consumes 15 units of electricity in a month when used for the same number of hours daily. The device Q wastes a lot of electricity by radiating energy C but P does not do so.

(a) What type of device is (i) P, and (ii) Q ?

(b) Name one component which is present in Q but not in P.

(c) Name the energy C.

(d) Which device is more energy efficient : P or Q ?

(e) Which fossil fuel is most likely to be conserved if all of us switch over to devices like P ?

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