

BIOLOGY

BOOKS - VGS BRILLIANT BIOLOGY (TELUGU ENGLISH)

NATURAL RESOURCES

[Textual](#) [Lesson](#) [Part](#) [Review](#) [Your](#) [Previous](#)
[Knowledge](#)

1. Which resource in your locality is scarce?

How does it effect you?



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2. Was the resource present in abundance earlier?



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3. How did it become scarce over the years?



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4. What can you do as a step towards saving a resource?



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5. Which resource in your locality is scarce?
How does it effect you?



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6. Was the resource present in abundance earlier?



Watch Video Solution

7. How did it become scarce over the years?



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8. What can you do as a step towards saving a resource?





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Improve Your Learning Conceptual Understanding

1. The BP Statistical Review of World Energy in June measured total global oil at 188.8 million tonnes, from proved oil resources at the end of 2010. This is only enough for oil to last for the next 46.2 years, What measures should be taken to conserve oil ? What will happen if we do not conserve it ?





2. Here is a news strip, read it carefully and answer the following questions.

Villagers oppose sand mining project
Santhabommali (Srikakulam) :

People of more than 20 villages in two mandals of Srikakulam have raised a banner of revolt against the proposed beach sand mining project by a private company and threatened to intensify their agitation if the government does not cancel the project. The

sand mining is being taken up to extract rich minerals from the area. The villages are located around the forest belt where mining was initiated.

Do you think the villagers are doing a right thing to agitate ? Why ?



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What resources are the villagers trying to save by their agitation ?



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sand mining is being taken up to extract rich minerals from the area. The villages are located around the forest belt where mining was initiated.

Will the villagers be benefited by the rich minerals extracted from sand ?



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Why does the private company want to carry out mining in the area ?



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6. Here is a news strip, read it carefully and answer the following questions.

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Does the government have any role to play ?



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How will mining in that piece of land affect people of the area?



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8. What is sustainable development ? How is it useful in natural resource management?



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9. Write a detailed note on management of a natural resource.



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10. Suggest some ways of reusing a resource in your locality.



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11. The BP Statistical Review of World Energy in June measured total global oil at 188.8 million tonnes, from proved oil resources at the end of 2010. This is only enough for oil to last for the next 46.2 years, What measures should be

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18. What is sustainable development ? How is it useful in natural resource management?



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19. Write a detailed note on management of a natural resource.



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20. Suggest some ways of reusing a resource in your locality.



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21. Why should we conserve forests and wild life ?



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Improve Your Learning Asking Questions And Making Hypothesis

1. Suggest some approaches towards the conservation of forests.



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2. The humans are utilising natural resources indiscriminately. These resources are decreasing more rapidly. Guess what will be the consequences in future.



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3. Prepare a questionnaire to conduct interview with petrol filling station personnel about consumption of fossil fuels.



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Improve Your Learning Experimentation And Field Investigation

1. Prepare model for rain water harvesting or energy saving or soil management, that reflect your innovative thoughts.



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Improve Your Learning Information Skills And Projets

1. List out names of villages, farmers and procedure followed for restoration of any natural resource in your area.



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2. You might have heard the Natural Gas drilling near Kakinada by ONGC (Oil and Natural Gas Corporation). Collect information and prepare a note on the status of Gas, production at the basin.



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3. Does your village or nearest city have a mechanism in place for recycling these waste materials ? Find out how it is done and write in detail.



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4. Collect any graph that shows oil (petroleum) consumption in India.

i) Does the production meet consumption in

India ?

ii) During which period of time shows highest increase in consumption rate ?

iii) What will you say happened to production from past ten years, for example 2004 to 2014 ?

iv) Suggest some ways to bring down consumption of petroleum.



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**Improve Your Learning Appreciation And
Aesthetic Sense Values**

1. Proper utilisation of natural resources is the way to show gratitude to our nation. Can you support this statement ? Give your argument.



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Improve Your Learning Application To Daily Life Concern To Biodiversity

1. Crop selection and cultivation should be based on availability of water. Prepare a slogan to make aware of farmers about this.



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Questions Given In The Lesson 1 Marks

1. If 45 percent of wells have dried up in Vanaparthi, and there is 39 percent decline in number of wells, what percentage of wells do you think have been converted to bore wells?



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2. By comparing the two villages, find out where greater number of wells dried up? What methods would have saved the wells in other village ?



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3. Which type of farmers, those having small land holdings or those with large land holdings are most affected when wells dry up ?





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4. If water resource becomes scarce, will it affect the nature of soil in an area ?



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5. As wells dry up, how are people in the area dependent on the well affected ?



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6. Why do you think water became scarce mainly in Village - 2 ?



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7. How can wells be recharged ?



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8. Can international, national or state organisations alone manage a resource ? Who

all are involved in the whole process of management ?



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Questions Given In The Lesson 2 Marks

1. Natural resources are present in abundance but do we really manage them properly ?



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2. How would recharging dried up wells help farmers of Village - 2 ?



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3. What does the case tells us about a water resource and its effect on farmers ?



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4. Why were farmers at Village - 1 at a better state than those at Village - 2 ?



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5. How did farmers of Village -2 and Village - 1 recharge their ground water resources ?



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6. What other ways of restoration of a resource does the Kothapally case tell us about ?



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7. What are some common means of restoration and conservation of water resource that we came across in the cases studied so far ?



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8. How do you think we will meet our requirements in future ?



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9. Do you think we would have to depend upon other states or perhaps other countries as well ?



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10. Could the amount of water used for irrigation in our state be reduced ? How ?



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11. Do you think one needs laws for distribution of water and its use ? Why/Why not ?



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12. How much percent of area do you think is irrigated by other sources of water ?



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13. Does cropping pattern have any role to play in reduction of water utilisation ?



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14. Why do the rivers fail to benefit the state to an extent they should have ?



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15. Since ground water resources are getting depleted at a fast pace. What are the alternatives ?



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16. River Godavari fails to provide water for the projects like Sri Rama Sagar in our state due to over usage of water by some other state. How should states and countries work to provide enough for all ?



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17. What would you do to motivate others to manage an important resource in your locality ?





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18. Observe a lawn in your area (If you have one) and see how it is maintained. Find out from the gardener the different types of plants that he removes from time to time. Do you think a farmer does the same thing on his farm ?



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19. What do fossil fuels provide us?



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20. Why do we need to conserve the fossil fuels ?



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21. What other things could you reuse to save our resources ?



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22. Why should one sort wastes carefully before discarding them from home ?



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23. Often we keep a plastic bag in our dustbins to discard waste, is it a good practice?



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Questions Given In The Lesson 4 Marks

1. 

What is the total irrigated area in acres, in Village - 1 ?



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2. 

If one needs to irrigate all the land in Village - 1, how many wells would we required?



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3. 

Though the number of wells is less in Village -1 the area under irrigation is more as compared to Village - 2. How is this possible ?



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4. 

Do you think the area under irrigation will change due to rise in population ?



[View Text Solution](#)

5. 

K stands for Kharif while R stands for Rabi.
Negative values indicate loss/decline, while
positive ones show gain/rise.

If the number of wells is 155 now, what was it 5
years back ?



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6. 

K stands for Kharif while R stands for Rabi.

Negative values indicate loss/decline, while positive ones show gain/rise.

What do you think 'decline in number of wells' represents ?



View Text Solution

7. 

K stands for Kharif while R stands for Rabi.

Negative values indicate loss/decline, while positive ones show gain/rise.

How would crops be affected due to decline in the number of wells ?



View Text Solution

8. 

K stands for Kharif while R stands for Rabi. Negative values indicate loss/decline, while positive ones show gain/rise.

Compare table 1 and 2 and state what they tell us about the area under irrigation in both the villages ?



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9. 

K stands for Kharif while R stands for Rabi.
Negative values indicate loss/decline, while
positive ones show gain/rise.

Which village do you think is more affected ?



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10. 

K stands for Kharif while R stands for Rabi.

Negative values indicate loss/decline, while positive ones show gain/rise.

What is the change in types of crops grown in the villages?



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11. Annual expenditure on well irrigation for small and large farmers (2002).



Is the availability of water resource same for a small and a large farmer ?



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12. Annual expenditure on well irrigation for small and large farmers (2002).



Do you think the availability should be same for everyone in an area ?



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13. Annual expenditure on well irrigation for small and large farmers (2002).



A well irrigates more area in Kharif season as compared to Rabi, how is it possible?



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14. Annual expenditure on well irrigation for small and large farmers (2002).



How should a farmer utilize such a condition ?



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15. Annual expenditure on well irrigation for small and large farmers (2002).



If a well can irrigate 2.5 percent of cultivable land, how many wells would irrigate whole of the land ?



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16. Annual expenditure on well irrigation for small and large farmers (2002).



Which factor has a greater effect on expenditure, number of wells or depth of a well ?



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17. Annual expenditure on well irrigation for small and large farmers (2002).



What is the total expenditure on a whole cultivable land owned by a small farmer in

Village - 2? How do you think a small farmer meets this expenditure ?



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18. Annual expenditure on well irrigation for small and large farmers (2002).



What could help the small farmer reduce expenditure ? (Hint : Think of crops that require less water)



View Text Solution

19. Annual expenditure on well irrigation for small and large farmers (2002).



Do you think increasing the depth of bore well is a good solution for increasing total land area under irrigation ? Why/Why not ?



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20. 

Which crop is most profitable for a small

farmer in Village - 2 ?



View Text Solution

21. 

What is the difference between a small farmer in Village - 1 and Village - 2 ?



View Text Solution

22. 

Which crop could replace paddy and be

profitable as well for a small farmer in village -
1?



View Text Solution

23. 

Though we know that paddy consumes maximum, why do you think farmers still like to grow paddy?



View Text Solution

24. 

What is the impact of a depleting resource upon the farmers ?



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25. 

Do you think the income of a small farmer in Village - 2 is sufficient enough to meet his expenditure ?



[View Text Solution](#)

26. 

What are the major causes of pitiable condition of small farmers at Village - 2 ?



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27. 

Do you think farming as an occupation is profiable for the small in Village - 2 ?



View Text Solution

28. 

Would the farmer have to look for other kind of occupation to meet his needs ?



View Text Solution

29. 

How did the availability of water affect a small farmer at Village - 2 ?



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30. How do you think we can use water judiciously ?



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31. What do you think will happen if we do not take care of the sources of water ?



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32. Why is it important to recharge the ground water sources ?



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33. How did the villagers in Kothapally resort to sustainable management ?



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34. Why do you think forests are important?



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35. Collect information about solar, wind, tidal and water power and prepare a scrap book.

OR

Collect information about conventional energy sources from internet and prepare a note on it.



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36. Ask your teacher about nuclear energy and its impacts on ecosystem.



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37. Think why disasters like Uttarakhand happened ?



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38. Do you think is it necessary to have a lot of lighting for decoration during celebrations ?



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39. What would you do to motivate others to manage an important resource in your locality ?



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40. Are we also an important resources of nature ? How ?



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41. Find out the usage of water in litres per day in your home ? Do you actually require that much water and how much water is enough in accordance with National standards ?



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Fill In The Blanks

1. plants are used for production of biofuels.



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2. Biodiversity is important for more than just food and for also.



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3. Example for non-renewable resource is

.....



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4. is the alternative method to prevent ground water depletion.



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5. Cultivation of paddy is suitable for areas.



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Choose The Correct Answer

1. Percolation tanks helps to

A. Supply water for agriculture

B. Increase ground water level

C. Preserve rain water

D. Prevent overflow water from tanks
during rainy season

Answer: B::C



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2. Which of the following practices is suitable to farmer at less water resources ?

- i) select short term crops
- ii) cultivate commercial crops

iii) adapt drip system

iv) crop

holiday

A. i, iii

B. i, ii, iii

C. i, iv

D. iii, iv

Answer: B



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3. Which of the fossil fuel reserves decrease more rapidly in India ?

A. natural gas

B. coal

C. petroleum

D. all

Answer: C



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4. Huge amount of toxic chemicals leak into the surroundings ecosystem because of

A. industries

B. mining

C. pesticides

D. modern technology

Answer: B



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5. Sustainable development means

- A. prevention of wastage
- B. stable growth
- C. development without damaging
- D. high yielding in less time

Answer: C



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Creative Questions For New Model Paper 1 2

Mark Questions

1. Expand I.U.C.N.



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2. Expand ICRISAT.



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3. Expand BBF.



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4. Identify the mis-matched pair.

- 1) Check dam - Water conservation
- 2) Contour trenches - Microirrigation
- 3) Planting trees - Reforestation



Watch Video Solution

5. Identify the mis-matched pairs.

- 1) Mulching - soil conservation

2) Public transport - ecofriendly method.

3) Drip irrigation - wet land irrigation



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6. Identify the mismatched pair.

1. IUCN - Conservation of wild life habitats

2. ICRISAT - New Delhi

3. Petroleum - Fossil fuel



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7. Which of the following group does not constitute fossil fuels ?

A. Solar energy, Tidal energy, Wind power

B. Petroleum, Coal, Natural gas



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8. Complete the blanks.

ICRISAT is located in(1) . They educated the farmers to use micro-irrigation methods like (2)





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9. Complete the banks.

Percolation tanks and check dams are for conservation of (1). Contour bunding helps in preventing (2)



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10. Read the sentence, find the error and rewrite it.

Solar energy and wind power are examples for non-renewable energy sources.



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11. Complete the blanks.

..... (1) Principle to conserve the natural resources (2) are the lungs of the earth.



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12. ICRISAT : Hyderabad , Centre for World solidarity : ?



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13. B.B.F : Soil erosion , Gilricidia : ?



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14. (1) are the rich sources of biodiversity. Deforestation leads to (2),

the buring problem of the globe.



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15. Macro irrigation : Dams, Canals ,

Micro-irrigation : ?



Watch Video Solution

16. Which of the following group does not constitute fossil fuels ?

A. Solar power, Wind power, Geothermal power

B. Petrol, Coal, Diesel, Natural gas



Watch Video Solution

17. Find out the usage of water in litres per day in your home ? Do you actually require that much water and how much water is enough in accordance with National standards ?



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18. Expand T.M.C.



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19. Nagarjuna Sagar : Krishna river

Sriram sagar : ?



Watch Video Solution

20. Wet land irrigation : Wells, Canals

Dry land irrigation : ?



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21. Check dams : ? : Contour trenching :

Prevents soil erosion



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22. Birds : Sanctuary, Wild animals : ?



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23. Which of the following group does not constitute natural gas ?

A. Wooden house, plastic mug, steel spoon

B. Forests, rivers, hills, streams



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24. Which of the following group constitute eco-friendly methods ?

A. Riding bikes, cutting trees, using polythene bags

B. Using CFL bulbs, planting trees, using public transport



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25. Burning of fossil fuels release (1) gases. (2) is responsible for global warming.



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26. (1) trees were cut down to get 1 tone of paper. (2) is the best method of conserve paper.



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27. I am a plant. My seeds are used for production of bio-fuel. Who am I ?



Watch Video Solution

28. I am a plant. I am making the soil nitrogen rich. Who am I ?



Watch Video Solution

29. K.G. Basin : Petroleum & Natural gas :: Gliricidia :?.....



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30. Expand UNDP.



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31. Identify the mismatched pair.

- 1) Bio-diesel plant - Jatropha
- 2) Soil conservation - BBF
- 3) Centre for world solidarity - Vijayawada



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32. Identify the mismatched pair.

- 1) Bishnoi - Rajasthan

2) Deforestation - Global warming

3) MTR - Ecofriendly



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33. Jatropha : bio-fuel : : Khejri :?.....



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**Creative Questions For New Model Paper
Preparation Questions For The Examination
Purpose**

1. What is the reason for the depletion of ground water table ?



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2. What damages ozone layer ?



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3. Give an example for biofuel .



Watch Video Solution

4. Example for non-renewable resource is

.....



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5. Give an example for renewable energy resource.



Watch Video Solution

6. If deforestation is done in large scale, what natural calamity may occur ?



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7. What bulb do you suggest to save electricity bills ?



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8. Give an example for particulate pollutant of air.



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9. Mention the chief function of I.U.C.N.



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10. Where is ICRISAT located ?



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11. What method do you prefer to increase ground water table ?



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12. Where is "Centre for World Solidarity" located ?



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13. Which methods do you suggest to conserve soil ?



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14. Sustainable development means



Watch Video Solution

15. What method do you follow to reduce global warming ?



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16. Suggest the best way to conserve the cooking gas in your house.



Watch Video Solution

17. I am a plant. I am making the soil nitrogen rich. Who am I ?



Watch Video Solution

18. What are the green house gases ?



Watch Video Solution

19. Write some eco - friendly activities.



Watch Video Solution

20. What are the benefits of growing Gliricida
by farmers ?



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21. The recent studies showed that the yield of sunflower is considerably come down. Can you guess the reason for that ?



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22. How much percentage of water consumption can be reduced by drip irrigation ?



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23. What are modern irrigation techniques ?



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24. Where do you find mangrove forests ?



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25. How much forest cover is being lost every year on earth ?



Watch Video Solution

26. In which state of our country Bishnoi tribe people live ?



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27. With which tree 'Bishnoi' tribe people associated with ?



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28. Name the type of farming, in which crops are planted in alternating strips across the slope.



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29. What do you name the variety of living things that populate the earth ?



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30. What is the best method of transport do you suggest to save fossil fuels ?



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31. In which year IUCN is founded ?



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32. In which year IUCN proposed world conservation strategy ?



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33. Name the crops that are best suitable for high water available lands.



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34. Where do you know dry land crops ?



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35. What is the percentage of cultivable land around the world is irrigated by drip irrigation ?



Watch Video Solution

36. What is the required amount of water for irrigation by 2015 ?



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37. What do you call the resources that can be replaced after they are used ?



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38. What do you name the resources those can not be replaced after their use ?



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39. What are considered as "lungs of the world" ?



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40. What are the reasons for soil erosion ?



Watch Video Solution

41. What is the number of plant species using for medicinal purpose ?



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42. Which institute provides the farmers with technical support and cost effective strategies ?



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43. On which river Sri Ram Sagar was constructed ?



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44. What is the result of Mountain Top Removal (MTR) mining ?



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45. We impliment 4Rs principle to save our environment what are the 4 Rs ?



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46. What does the recycle logo indicate on item ?



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47. What is purpose of constructiong percolation tanks ?



Watch Video Solution

48. How do soak pits help us ?



Watch Video Solution

49. What is the life line for larger part of Telangana ?



Watch Video Solution

50. Give some example for natural resources.



Watch Video Solution

51. What is the percentage of water in the ground ?



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52. Name the country that recycles many raw materials used in making automobiles.



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53. What is the major source of irrigation in A.P. inspite of some major rivers like Godavari and Krishna ?



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54. Expand ICRISAT.



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55. What is the use of Broad Bed Furrow (BBF) method to farmers ?



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56. Which parts of *Jatropha Curcas* are used as bio-fuel ?



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57. Give some examples for recyclable materials.



Watch Video Solution

58. Name the country which produces iron from recycled automobiles.



Watch Video Solution

59. What is the main reason for destruction of wild life habitats ?



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60. Where is the rich source of petroleum and natural gas found in our state ?



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61. Give two example for products made from petroleum.



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Creative Questions For New Model Paper 1 Mark Questions

1. Suggest any two activities to check soil erosion in your school.




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2. To create awareness on "Water conservation" in your locality, what slogan you will suggest ?



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3. The symbol  is there on the item you bought. What it instructs ?

(OR)

What does the given logo indicate ? What does it mean ? 





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4. What happens if the forest area decreases rapidly ?



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5. Write two activities which you are performing to save the electricity.



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6. Prepare some slogans about 'vanam-manam' programme to display in your school rally.



Watch Video Solution

7. Suggest any two practices suitable to farmer with less water resources.



Watch Video Solution

8. Prepare two slogans on protecting non-renewable resources.



Watch Video Solution

9. Why should we conserve forests ? Give two reasons.



Watch Video Solution

10. What is sustainable development ? Why it is needful for us ?



Watch Video Solution

11. When can we say that the water resource is scarce in an area ?



Watch Video Solution

12. What is the prediction of the food and Agriculture Organisation of the United Nations regarding water scarcity ?



Watch Video Solution

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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

25. What is the effect of continuous depletion of ground water along coastal regions?



Watch Video Solution

26. Write two points to be kept in mind while storing water in tanks.



Watch Video Solution

Creative Questions For New Model Paper 2 Mark Questions

1. Rahul remarked that different human activities are responsible for global warming. What might be the reasons for his statement ?



Watch Video Solution

2. Why do we use fossil fuels judiciously ?



Watch Video Solution

3. Write two suggestions to create awareness on groundwater conservation.



Watch Video Solution

4. What steps do you take to improve natural resources ?



Watch Video Solution

5. Proper utilisation of natural resources is the way to show gratitude to our nation. Can you support this statement ? Give your argument.



Watch Video Solution

6. Suggest four measures to conserve fossil fuels.



Watch Video Solution

7. There is an increase in the atmospheric temperature year. If it continues, guess and write what would be the consequences ?



Watch Video Solution

8. The humans are utilising natural resources indiscriminately. These resources are decreasing more rapidly. Guess what will be the consequences in future.



Watch Video Solution

9. Write any four slogans on the conservation of natural resources.



Watch Video Solution

10. What is the importance of 4R's in achieving the goal of "Swachh Bharat" ?



Watch Video Solution

11. Ramalah made broad bed furrow around his field under employment guarantee scheme. Guess the reasons for it ? If all the farmers of your village work together, will they meet their water scarcity ?



Watch Video Solution

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16. What is the state of Minerals as a resource ? Mention two methods that helps to conserve mineral resources.



Watch Video Solution

17. Write about the four 'R's that can save environment.



Watch Video Solution

18. Why the recycling of plastic is not a very good option ?



Watch Video Solution

19. Draw the recycling logo.



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20. Draw the logo of sustainable development.



Watch Video Solution

21. Draw a pie diagram to show the water sources and area under irrigation in our state.



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22. Why is scarcity of water in our country in spite of nature's monsoon bounty (large quantities) ?



Watch Video Solution

23. Why is dependence of man on nature greater than that of any other organism ?



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24. In addition to low rainfall, what are the other reasons for non-availability of water in some regions of our country ?



Watch Video Solution

25. Write the advantages of giving control of water management to the residents of the area.



Watch Video Solution

26. What are the benefits of water harvesting ?



Watch Video Solution

27. Why are environmentalists insisting upon substantial natural resource management ?

Give any four reasons.



Watch Video Solution

28. Observe the given diagram on percentage consumption of some resources in India. Add your comments on it.



View Text Solution

29. What are renewable sources and non-renewable resources ?



Watch Video Solution

30. How do people waste natural resources ?



Watch Video Solution

31. How do people use the forest resources differently ?



Watch Video Solution

Creative Questions For New Model Paper 4 Mark Questions

1. Forests are renewable resource. Write four sentences supporting this. (OR)

"Forest is a renewable resource". Do you agree ? Justify.



[Watch Video Solution](#)

2. 

Observe the above table and answer the following questions.

What similarities you have identified in village A and village B ?



[View Text Solution](#)

3. 

Observe the above table and answer the following questions.

Is there any relationship between of crops and income ? How ?



View Text Solution

4. Forest is renewable resource. But, each year, the Earth loses about 36 million acres of forest. In this type of situation, what

suggestions do you give to save forests from turning into non-renewable resources ?



Watch Video Solution

5. Write about the four 'R's that can save environment.



Watch Video Solution

6. What steps you would like to follow on your part to conserve bio-diversity ?



Watch Video Solution

7. Read the given information and answer the following questions.

A survey was conducted in two villages, Vanaparthi and Vaddicherla of Warangal district in Telangana State. The first with no scarcity and the second with scarce groundwater. Well census was carried out in the villages in order to get a complete picture of well irrigation and its status as well as availability of water. There are no alternative

sources of supply as against wells in Vaddicherla, where there is an existing tank that has been converted into a percolation tank, so that the water situation is much better in Vanaparthi.

Why did they conduct survey ?



Watch Video Solution

8. Read the given information and answer the following questions.

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Vanaparthi and Vaddicherla of Warangal district in Telangana State. The first with no scarcity and the second with scarce groundwater. Well census was carried out in the villages in order to get a complete picture of well irrigation and its status as well as availability of water. There are no alternative sources of supply as against wells in Vaddicherla, where there is an existing tank that has been converted into a percolation tank, so that the water situation is much better in Vanaparthi.

What are irrigation resources in Telangana State ?



Watch Video Solution

9. Read the given information and answer the following questions.

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In which village, do you suggest drip irrigation ?



Watch Video Solution

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tank, so that the water situation is much better in Vanaparthi.

Why the water situation is much better in Vanaparthi village compared to Vaddicherla ?



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11. Observe the Pie diagram and answer the following questions.



Identify the fossil fuels from the above diagram.



[View Text Solution](#)

12. Observe the Pie diagram and answer the following questions.



Why wastes should be considered as primary energy source in future ?



[View Text Solution](#)

13. Observe the Pie diagram and answer the following questions.



Why can't we depend on fossil fuels forever ?



View Text Solution

14. Observe the Pie diagram and answer the following questions.



What are the alternatives for fossil fuels ?



View Text Solution

15. Write a short note on the role of Governments and other organisations in conserving resources. OR

Write a short note on IUCN.



Watch Video Solution

16. What programmes you are going to conduct to create awareness among farmer in your locality on waste land development ?



Watch Video Solution

17. The wells and tanks in your village dry. Ground water levels decreased. Assume the causes for this. Will there be no water scarcity if all the farmers of your village work collectively ?



Watch Video Solution

18. Whom do you meet to collect the information of the methods of farmer based, community based water management ?

Prepare information table to note down your observation.



View Text Solution

19. Draw a pie diagram showing percentage consumption of some resources in India.



Watch Video Solution

20. Think that there is much scarcity of water for drinking and cultivation in your village.

What advice do you give to prevent this ?

OR

How do you overcome the problem of water scarcity in your village ?



Watch Video Solution

21. For which works fossil fuels are used in your house ? What measures do you take to conserve them ?



Watch Video Solution

22. How did Centre for World Solidarity helped the farmers in Wanaparthi and Vaddicherla in recharging wells ?



Watch Video Solution

23. To make people as a part in development, and environment protection (sustainable development) write some slogans.



Watch Video Solution

Exercise

1. The BP Statistical Review of World Energy in June measured total global oil at 188.8 million tonnes, from proved oil resources at the end of 2010. This is only enough for oil to last for the next 46.2 years, What measures should be taken to conserve oil ? What will happen if we do not conserve it ?



Watch Video Solution

2. Here is a news strip, read it carefully and answer the following questions.

Villagers oppose sand mining project
Santhabommali (Srikakulam) :

People of more than 20 villages in two mandals of Srikakulam have raised a banner of revolt against the proposed beach sand mining project by a private company and threatened to intensify their agitation if the government does not cancel the project. The sand mining is being taken up to extract rich minerals from the area. The villages are

located around the forest belt where mining was initiated.

Why does the private company want to carry out mining in the area ?



Watch Video Solution

3. Here is a news strip, read it carefully and answer the following questions.

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Do you think the villagers are doing a right thing to agitate ? Why ?



Watch Video Solution

4. Here is a news strip, read it carefully and answer the following questions.

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located around the forest belt where mining was initiated.

What resources are the villagers trying to save by their agitation ?



Watch Video Solution

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Will the villagers be benefited by the rich minerals extracted from sand ?



Watch Video Solution

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People of more than 20 villages in two mandals of Srikakulam have raised a banner of revolt against the proposed beach sand mining project by a private company and threatened to intensify their agitation if the government does not cancel the project. The sand mining is being taken up to extract rich minerals from the area. The villages are

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Watch Video Solution

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What is the role of the government in this aspect?



Watch Video Solution

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was initiated.

How will mining in that piece of land affect people of the area?



Watch Video Solution

9. What is sustainable development ? How is it useful in natural resource management?



Watch Video Solution

10. Write a detailed note on management of a natural resource.



Watch Video Solution

11. Suggest some ways of reusing a resource in your locality.



Watch Video Solution

12. Why should we conserve forests and wild life ?



Watch Video Solution

13. Suggest some approaches towards the conservation of forests.



Watch Video Solution

14. The humans are utilising natural resources indiscriminately. These resources are decreasing more rapidly. Guess what will be the consequences in future.



Watch Video Solution

15. Prepare a questionnaire to conduct interview with petrol filling station personnel about consumption of fossil fuels.



Watch Video Solution

16. Prepare model for rain water harvesting or energy saving or soil management, that reflect your innovative thoughts.



Watch Video Solution

17. List out names of villages, farmers and procedure followed for restoration of any natural resource in your area.



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18. You might have heard the Natural Gas drilling near Kakinada by ONGC (Oil and Natural Gas Corporation). Collect information and prepare a note on the status of Gas, production at the basin.



Watch Video Solution

19. Does your village or nearest city have a mechanism in place for recycling these waste

materials ? Find out how it is done and write in detail.



Watch Video Solution

20. Collect any graph that shows oil (petroleum) consumption in India

Suggest some ways to bring down consumption of petroleum.



Watch Video Solution

21. Collect any graph that shows oil (petroleum) consumption in India

Suggest some ways to bring down consumption of petroleum.



Watch Video Solution

22. Collect any graph that shows oil (petroleum) consumption in India. Why will you say happened to production from past ten years, for example 2007 to 2014?





[Watch Video Solution](#)

23. Collect any graph that shows oil (petroleum) consumption in India

Suggest some ways to bring down consumption of petroleum.



[Watch Video Solution](#)

24. Proper utilisation of natural resources is the way to show gratitude to our nation. Can

you support this statement ? Give your argument.



Watch Video Solution

25. Crop selection and cultivation should be based on availability of water. Prepare a slogan to make aware of farmers about this.



Watch Video Solution

26. plants are used for production of biofuels.



Watch Video Solution

27. Biodiversity is important for more than just food and for also.



Watch Video Solution

28. Example for non-renewable resource is

.....



Watch Video Solution

29. is the alternative method to prevent ground water depletion.



Watch Video Solution

30. Cultivation of paddy is suitable for areas.



Watch Video Solution

31. Percolation tanks helps to

- A. Supply water for agriculture
- B. Increase ground water level
- C. Preserve rain water

D. Prevent overflow water from tanks
during rainy season

Answer:



Watch Video Solution

32. Which of the following practices is suitable to farmer at less water resources ?

- i) select short term crops
- ii) cultivate commercial crops

iii) adapt drip system

iv) crop

holiday

A. i,iii

B. i,ii,iii

C. i,iv

D. iii,iv

Answer:



Watch Video Solution

33. Which of the fossil fuel reserves decrease more rapidly in India ?

A. natural gas

B. coal

C. petroleum

D. All

Answer:



Watch Video Solution

34. Huge amount of toxic chemicals leak into the surroundings ecosystem because of

A. industries

B. mining

C. pesticides

D. modern technology

Answer:



Watch Video Solution

35. Sustainable development means

- A. prevention of wastage
- B. stable growth
- C. development without damaging
- D. high yielding in less time

Answer:



Watch Video Solution

36. If water resource becomes scarce, will it affect the nature of soil in an area ?



Watch Video Solution

37. As wells dry up, how are people in the area dependent on the well affected ?



Watch Video Solution

38. Why do you think water became scarce mainly in Village - 2 ?



Watch Video Solution

39. By comparing the two villages, find out where greater number of wells dried up? What methods would have saved the wells in other village ?



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40. A well irrigates more area in Kharif season as compared to Rabi, how is it possible ?



Watch Video Solution

41. Annual expenditure on well irrigation for small and large farmers (2002).

How should a farmer utilize such a condition ?

Village	Type of Farmer	Depth of borewell (in feet)	Percentage area irrigated per well		Total cost of well irrigation per acre per year in rupees
			Kharif	Rabi	
Vanaparthi	Large	130 - 200	2.50	1.24	25,000 - 70,000
	Small	110 - 180	2.00	1.13	25,000 - 65,000
Vaddicherla	Large	90 - 300	1.53	0.87	22,000 - 50,000
	Small	60 - 200	0.99	0.46	20,000 - 45,000



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42. How can wells be recharged ?



Watch Video Solution

43. Can international, national or state organisations alone manage a resource ? Who all are involved in the whole process of management ?



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44. How would recharging dried up wells help farmers of Village - 2 ?



Watch Video Solution

45. What does the case tells us about a water resource and its effect on farmers ?



Watch Video Solution

46. Why were farmers at Village - 1 at a better state than those at Village - 2 ?



Watch Video Solution

47. How did farmers of Village -2 and Village - 1 recharge their ground water resources ?



Watch Video Solution

48. What other ways of restoration of a resource does the Kothapally case tell us about ?



Watch Video Solution

49. What are some common means of restoration and conservation of water resource that we came across in the cases studied so far ?



Watch Video Solution

50. How do you think we will meet our requirements in future ?



Watch Video Solution

51. Do you think we would have to depend upon other states or perhaps other countries as well ?



Watch Video Solution

52. Could the amount of water used for irrigation in our state be reduced ? How ?



Watch Video Solution

53. Does cropping pattern have any role to play in reduction of water utilisation ?



Watch Video Solution

54. Do you think one needs laws for distribution of water and its use ? Why/Why

not ?



Watch Video Solution

55. How much percent of area do you think is irrigated by other sources of water ?



Watch Video Solution

56. Why do the rivers fail to benefit the state to an extent they should have ?



Watch Video Solution

57. Since ground water resources are getting depleted at a fast pace. What are the alternatives ?



Watch Video Solution

58. River Godavari fails to provide water for the projects like Sri Rama Sagar in our state due to over usage of water by some other

state. How should states and countries work to provide enough for all ?



Watch Video Solution

59. What would you do to motivate others to manage an important resource in your locality ?



Watch Video Solution

60. Observe a lawn in your area (If you have one) and see how it is maintained. Find out from the gardener the different types of plants that he removes from time to time. Do you think a farmer does the same thing on his farm ?



Watch Video Solution

61. What do fossil fuels provide us?



Watch Video Solution

62. Why do we need to conserve the fossil fuels ?



Watch Video Solution

63. What other things could you reuse to save our resources ?



Watch Video Solution

64. Why should one sort wastes carefully before discarding them from home ?



Watch Video Solution

65. Often we keep a plastic bag in our dustbins to discard waste, is it a good practice?



Watch Video Solution

66. Adaptations in organisms to cope with extreme environmental conditions include



Watch Video Solution

67. How do you think we can use water judiciously ?



Watch Video Solution

68. What do you think will happen if we do not take care of the sources of water ?



Watch Video Solution

69. Why is it important to recharge the ground water sources ?



Watch Video Solution

70. How did the villagers in Kothapally resort to sustainable management ?



Watch Video Solution

71. Why do you think forests are important?



Watch Video Solution

72. Collect information about solar, wind, tidal and water power and prepare a scrap book.

OR

Collect information about conventional energy sources from internet and prepare a note on it.



Watch Video Solution

73. Collect information about solar, wind, tidal and water power and prepare a scrap book.

OR

Collect information about conventional energy

sources from internet and prepare a note on it.



Watch Video Solution

74. Do you think is it necessary to have a lot of lighting for decoration during celebrations ?



Watch Video Solution

75. Collect information about cutaneous respiration in frog. Prepare a note and explain

them in your classroom.



Watch Video Solution

76. Suggest some ways in which you and your friends would like to manage a resource.



Watch Video Solution

77. Are we also an important resources of nature ? How ?



Watch Video Solution

78. Find out the usage of water in litres per day in your home ? Do you actually require that much water and how much water is enough in accordance with National standards ?



Watch Video Solution

79. Find out the usage of water in litres per day in your home ? Do you actually require

that much water and how much water is enough in accordance with National standards ?



Watch Video Solution

80. To create awareness on "Water conservation" in your locality, what slogan you will suggest ?



Watch Video Solution

81. What happens if the forest area decreases rapidly ?



Watch Video Solution

82. Write two activities which you are performing to save the electricity.



Watch Video Solution

83. Prepare two slogans on protecting non-renewable resources.



Watch Video Solution

84. Read the sentence, find the error and rewrite it.

Sola energy and wind power are examples for non-renewable energy sources.



Watch Video Solution

85. Write two activities which you are performing to save the electricity.



Watch Video Solution

86. Why do we use fossil fuels judiciously ?



Watch Video Solution

87. Write two suggestions to create awareness on groundwater conservation.





[Watch Video Solution](#)

88. Suggest four measures to conserve fossil fuels.



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Watch Video Solution

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"Forest is a renewable resource". Do you agree ? Justify.



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92. Forests are renewable resource. Write four sentences supporting this. (OR)

"Forest is a renewable resource". Do you agree ? Justify.



Watch Video Solution

93. Explain the Importance and implementation of community based interventions and farmer based Interventions for water management.



Watch Video Solution

94. What is sustainable development ? Why it is needful for us ?



Watch Video Solution

95. Expand ICRISAT.



Watch Video Solution

96. When can we say that the water resource is scarce in an area ?



Watch Video Solution

97. What is the prediction of the food and Agriculture Organisation of the United Nations regarding water scarcity ?



Watch Video Solution

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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

123. Draw the recycling logo.





[Watch Video Solution](#)

124. Draw the logo of sustainable development.



[Watch Video Solution](#)

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[Watch Video Solution](#)

126. Why is scarcity of water in our country in spite of nature's monsoon bounty (large quantities) ?



Watch Video Solution

127. Why is dependence of man on nature greater than that of any other organism ?



Watch Video Solution

128. In addition to low rainfall, what are the other reasons for non-availability of water in some regions of our country ?



Watch Video Solution

129. Write the advantages of giving control of water management to the residents of the area.



Watch Video Solution

130. What are the benefits of water harvesting ?



Watch Video Solution

131. Why are environmentalists insisting upon substantial natural resource management ?
Give any four reasons.



Watch Video Solution

132. Draw a pie diagram showing percentage consumption of some resources in India.



Watch Video Solution

133. Write a short note on the role of Governments and other organisations in conserving resources. OR

Write a short note on IUCN.



Watch Video Solution

134. Write a short note on the role of Governments and other organisations in conserving resources. OR

Write a short note on IUCN.



Watch Video Solution

135. What programmes you are going to conduct to create awareness among farmer in your locality on waste land development ?



Watch Video Solution

136. What changes would you suggest in your home to be environmental friendly ?



Watch Video Solution

137. Write about the 5 'R's needed for the protection and conservation of environment.



Watch Video Solution

138. The wells and tanks in your village dry. Ground water levels decreased. Assume the causes for this. Will there be no water scarcity if all the farmers of your village work collectively ?



Watch Video Solution

139. Draw a pie diagram showing percentage consumption of some resources in India.



Watch Video Solution

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OR

How do you overcome the problem of water scarcity in your village ?



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Watch Video Solution

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Watch Video Solution

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Watch Video Solution

146. Decrease in ground water level is due to..

A. lack of rainfall

B. deforestation

C. increase in number of borewells

D. All of these

Answer:



Watch Video Solution

147. Mention the chief function of I.U.C.N.

- A. To protect wild life habitats
- B. To work on dry land agriculture
- C. To study on viral diseases
- D. To work on wetland agriculture

Answer:



[Watch Video Solution](#)

148. Sustainable development means

- A. Prevention of wastage.
- B. Stable growth
- C. Development without damaging
- D. High production in less time

Answer:



[Watch Video Solution](#)

149. What method do you prefer to increase ground water table ?

- A. Digging more borewells
- B. Deforestation
- C. Urbanisation
- D. Digging water harvesting pits

Answer:



Watch Video Solution

150. What are the benefits of growing Gliricida by farmers ?

- A. for decreasing pollution
- B. to make the soil nitrogen rich
- C. to control weeds
- D. as fodder for cattle

Answer:



Watch Video Solution

151. Identify the correct sentence regarding ecological pyramids.

A. In number pyramid, producers are always on top

B. Charles Elton first introduced the shape of the ecological pyramids.

C. Generally number' pyramid resembles Biomass pyramid.

D. From one trophic level to another trophic level energy flows without any

loss.

Answer:



Watch Video Solution

152.are normally earthen dams with masonry structures where water may overflow.

A. percolation tank

B. broad bed furrow

C. contour bunding

D. None of these

Answer:



Watch Video Solution

153. Available fresh water on land is_____ of the total water

A. 0.97

B. 1.75-2%

C. 0.0001

D. 0.7-0.8%

Answer:



Watch Video Solution

154. Only_____percent of water is available to be used as fresh water:

A. seas, oceans

B. glaciers, ice & snow

C. ground water & soil moisture

D. lakes, swamps and rivers

Answer:



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155. Drip irrigation can reduce water consumption by

A. 0.5

B. 0.2

C. 20-40

D. 50-80

Answer:



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156. More fertilizers are added to enhance the percentage of soil nitrogen.

Gliricidia plants can help in adding nitrogen in the soil

A. Nitrogen rich

B. Phosphorous rich

C. Potassium rich

D. Oxygen rich

Answer:



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157. Mangrove trees respire with their _____

A. Seedless plants

B. Mangrove plants

C. Gliricidia plants

D. Monocot plants

Answer:



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158. The continent which has no forests is

A. Asia

B. Africa

C. America

D. Antarctica

Answer:



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159. Each year the earth loses about acres of forest

A. 5 million

B. 50 million

C. 3 million

D. 36 million

Answer:



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160. Bishnoi's belongs to this state.

A. Andhra Pradesh

B. Arunachal Pradesh

C. Rajasthan

D. Gujarat

Answer:



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161. Name the type of farming, in which crops are planted in alternating strips across the slope.

A. Dry land forming

B. Wet land forming

C. Alternative Crop

D. Contour strip forming

Answer:



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162. The practice of removing individual plant are small groups of plants allowing other crops plants to anchor the soil is called

A. Seasonal harvesting

B. Selective harvesting

C. Rabi harvesting

D. Kharif harvesting

Answer:



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163. What do you name the variety of living things that populate the earth ?

A. Flora

B. Fauna

C. Biodiversity

D. None of these

Answer:



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164. Scientists estimate that the current rate of extinction is

A. 10

B. 100

C. 1000

D. 10000

Answer:



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165. Which of the following is not made from petroleum?

A. Nylon

B. Plastic

C. Cosmetics

D. None of these

Answer:



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166. This is best mean of transport for shorter distances.

A. Walk

B. Bike

C. Car

D. Public transport

Answer:



Watch Video Solution

167. This is best mean of transport for long distances.

A. Walk

B. Bike

C. Car

D. Public transport

Answer:



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168. In which year IUCN is founded ?

A. 1980

B. 1948

C. 1950

D. 2011

Answer:



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169. In which year IUCN proposed world conservation strategy ?

A. 1980

B. 1948

C. 1978

D. 1960

Answer:



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170. Which of the following is not a sustainable forestry method?

A. Low impact logging practices

B. Harvesting with natural regeneration in
mind

C. Removing all the high-value trees from a
forest

D. All the above

Answer:



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171. Bamboo is a type of.....

A. wood

B. Grass

C. Root

D. None of these

Answer:



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172. Which of the following is a renew able resource?

A. Coal

B. Biodiversity

C. Petroleum

D. Natural gas

Answer:



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173. Which of the following is a non renewable resource

A. Air

B. Water

C. Minerals

D. Soil

Answer:



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174. I am a plant. My seeds are used for production of bio-fuel. Who am I ?

A. *Pongamia glabra*

B. *Jatropha curcas*

C. *Acacia melanoxylon*

D. *Azadirachta Indica*

Answer:



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175. Biodiversity is important for more than just food and for also.

A. Medicines

B. Firewood

C. Wood

D. All the above

Answer:



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176. Example for non-renewable resource is

.....

A. Coal

B. Petroleum

C. Natural gas

D. All the above

Answer:



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177. is the alternative method to prevent ground water depletion.

A. Recharge structures

B. Water sheds

C. Percolation pits

D. All the above

Answer:



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178. Cultivation of paddy is suitable for areas.

A. Water scarcity areas

B. No water scarcity areas

C. Low temperature areas

D. Sandy soiled areas

Answer:



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179.are normally earthen dams with masonry structures where water may overflow.

A. Percolation tanks

B. Reserviors

C. Ponds

D. All the above

Answer:



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180. 97 % of water on earth is.....

A. 87

B. 97

C. 96

D. 95

Answer:



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181. I am a plant. I am making the soil nitrogen rich. Who am I ?

A. Aloevera

B. Gliricidia

C. Ipomea

D. Eichornia

Answer:



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182. What is the percentage of cultivable land around the world is irrigated by drip irrigation ?

A. 0.03

B. 0.04

C. 0.02

D. 0.05

Answer:



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183. Read the following sentences.

Digging contour field bounding horizontally

Gliricidia plants store nitrogen in soil

Crop yield is measured in T.M.C.

Supply of water by spinkleres is called micro irrigation

What are the correct sentences mention above ?

A. 1, 2, 3

B. 2, 3, 4

C. 1,3, 4

D. 1, 2, 4

Answer:



184. Required amount of water for irrigation by 2025 is

A. 3418 TMC

B. 3814 TMC

C. 3989 TMC

D. 3899 TMC

Answer:



185. What do you call the resources that can be replaced after they are used ?

- A. Renewable resources
- B. Non renewable resources
- C. Non conventional energy resources
- D. None of the above

Answer:



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186. Example for non-renewable resource is

.....

- A. Air, water, plants
- B. Air, water, animals
- C. Air, water, soil, plants
- D. Air, water, coal, plants

Answer:



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187. Mention the non-renewable sources of energy.

A. Solar energy

B. Nuclear energy

C. Petroleum

D. Biodiversity

Answer:



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188. What do you call the resources that can be replaced after they are used ?

A. Non – renewable resource

B. Renewable resource

C. Conventional energy

D. None of the above

Answer:



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189. Through which people can reduce waste and manage natural resources wisely

- A. Expenditure of sources
- B. Indiscriminate use of sources
- C. Conservation
- D. Not preserving sources

Answer:



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190. This logo shows



A. Reuse

B. Reduce

C. Recover

D. Recycle

Answer:



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191. What are considered as "lungs of the world" ?

A. Heart

B. Parks

C. Lungs

D. Plains

Answer:



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192. Each year the amount of forest land We are loosing

A. 26 million acres

B. 36 million acres

C. 33 million acres

D. 25million acres

Answer:



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193. Suggest any two activities to check soil erosion in your school.

A. Deforestation

B. Floods

C. Overgrazing

D. All the above

Answer:



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194. Deforestation accounts for.... % of the worlds green house gas emission

A. 0.15

B. 0.16

C. 0.17

D. 0.18

Answer:



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195. Plant conservation and animal conservation depends on

A. Water conservation

B. Soil conservation

C. Nutrients conservation

D. Atmosphere conservation

Answer:



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196. c) How can corrosion be prevented ?

A. Contour strip cropping

B. Growing grass

C. Planting trees on bunds

D. All the above

Answer:



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197. The practice of removing individual plant are small groups of plants allowing other crops plants to anchor the soil is called

- A. Hand picking
- B. Weeding
- C. Selective Harvesting
- D. Harvesting

Answer:



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198. What do you name the variety of living things that populate the earth ?

A. Bioaccumulation

B. Biomagnification

C. Biosphere

D. Biodiversity

Answer:



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199. What is the number of plant species using for medicinal purpose ?

A. 60,000 to 70,000

B. 50,000 to 70,000

C. 40,000 to 60,000

D. 70,000 to 80,000

Answer:



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200. Fossil fuels were produced from the
Remain of

A. Plants

B. Animals

C. Plants and animals

D. Renewable sources

Answer:



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201. In United States nearly one - third of the iron is produced from old automobiles. What is the conservation method they are following

A. America

B. Germany

C. Japan

D. China

Answer:



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202. How did Centre for World Solidarity helped the farmers in Wanaparthi and Vaddicherla in recharging wells ?

- A. Digging the borewells
- B. Constructing percolation tanks
- C. Recharging borewells
- D. Digging the wells to a greater depth

Answer:



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203. Which institute provides the farmers with technical support and cost effective strategies ?

A. ICAR

B. IARI

C. ICRISAT

D. IRRI

Answer:



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204. On which river Sri Ram Sagar was constructed ?

A. Godavari

B. Krishna

C. Manjeera

D. Nagavali

Answer:



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205. Restriction on water use being implemented in this country on a large scale

A. Newzealand

B. Australia

C. Brazil

D. Venezuela

Answer:



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206. Which can co-exist in harmony

- A. Development and Conservation
- B. Development and Industrialisation
- C. Human Resource and Industrialisation
- D. Conservation and Preservation

Answer:



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207. Sustainable development means

- A. Using resources for present use
- B. Preserving resources for future use
- C. Indiscriminate use of resources
- D. Destroying the environment for development

Answer:



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208. What is the result of Mountain Top Removal (MTR) mining ?

A. Environment

B. Biosphere

C. Lithosphere

D. Hydrosphere

Answer:



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209. “all forms of life- human, animal and plant are so closely interlinked that disturbance of one gives rise to imbalance in the other”
whose said this words?

A. Mahatma Gandhi

B. Jawaharlal Nehru

C. Indira Gandhi

D. Lal Bahadur Shastri

Answer:



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210. Write about the four 'R's that can save environment.

A. Reduce, Reuse, Recycle, Recover

B. Recover, Reuse, Recycle, Reduce

C. Reduce, Recover, Recycle, Reuse

D. Reduce, Reuse, Recover, Recycle

Answer:



211. The international union for the conservation of nature is founded in

- A. Wild life
- B. Habitats
- C. Ecosystems
- D. Wild life, Habitats

Answer:



212. How is Ozone layer depleted in the atmosphere and what are the harmful effects caused by Ozone layer depletion ?

- A. carbon dioxide
- B. oxygen
- C. nitrogen dioxide
- D. nitrogen dioxide

Answer:



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213. Give an example for biofuel .

A. Coal

B. Petroleum

C. Jatropha

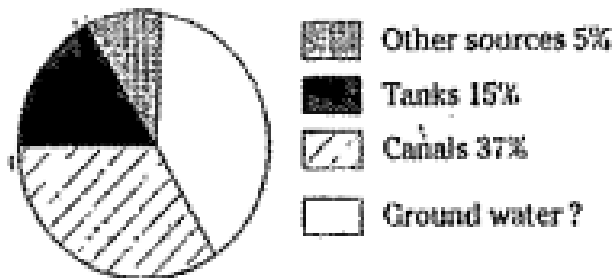
D. Kerosene

Answer:



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214. In the above pie diagram , sources v area under irrigation is shown . Then ground water percentage is..



A. 0.4

B. 0.45

C. 0.43

D. 0.48

Answer:



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215. What are renewable sources and non-renewable resources ?

A. Water

B. Solar energy

C. Coal

D. Soil

Answer:



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216. If deforestation is done in large scale, what natural calamity may occur ?

A. Volcanic eruption

B. Earthquakes

C. Global warming

D. Tsunamis

Answer:



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217. This is not a method of saving fuel.

A. Using bicycle

B. Travel in trains instead of cars

C. Using cellphones

D. Drawing of water from wells

Answer:



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218. Name the major particulate pollutants present in Troposphere.

A. CO_2

B. ash

C. SO_2

D. CO

Answer:



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219. What does the recycle logo indicate on item ?

- A. Item can be recycled after use
- B. Items can be thrown away after use
- C. Items can be burnt after use
- D. None of the above

Answer:



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220. Percolation tanks helps to

- A. to store water for future use
- B. where water may overflow
- C. to grow fish and prawn
- D. All the above

Answer:



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221. The average fall of ground water in
Telangana during 1998-2002

A. 2 meters

B. 4meters

C. 3 meters

D. 5 meters

Answer:





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222. What are modern irrigation techniques ?

A. Drip irrigation

B. Sprinkler

C. Canals

D. A&B

Answer:



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223. Undertake the following a part of learning process.

Observe the type of plants or crops grown in your area.

A. Wheat

B. Paddy

C. Maize

D. Cotton

Answer:



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224. What is the reason for the depletion of ground water table ?

- A. Indiscriminate tapping of ground water by too much drilling
- B. Construction of deep tube wells
- C. Construction of bore wells
- D. All the above

Answer:



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225. How do soak pits help us ?

- A. to store water
- B. to recharge dried up bore wells
- C. water facility for animals
- D. to keep soil moist

Answer:



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226. Different crops with different root systems help in

- A. Soil becomes unfertile
- B. Soil becomes dry
- C. Soil conservation
- D. Soil erosion

Answer:



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227. The number of dry open wells are charged by Sri Ram Sagar Project was

A. 25

B. 26

C. 27

D. 28

Answer:



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228. What is the life line for larger part of Telangana ?

- A. Polavaram Project
- B. Galeru Nagari Project
- C. Sri Ram Sagar Project
- D. Hirakud Project

Answer:



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229. What is the major source of irrigation in A.P. inspite of some major rivers like Godavari and Krishna ?

- A. Godavari and Krishna
- B. Krishna and Kaveri
- C. Godavari and Vamsadhara
- D. Penna and Kaveri

Answer:



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230. What are natural resources?

- A. Air, water, soil
- B. Minerals, fuels
- C. Plants and animals
- D. All the above

Answer:



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231. Conservation is the practice of

A. Using natural resources freely

B. Caring for natural resources

C. Sending to other states

D. None of the above

Answer:



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232. What is the percentage of water in the ground ?

A. 0.4

B. 0.42

C. 0.43

D. 0.44

Answer:



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233. The plants planted along the roads, field bunds and nalas are:

A. Saplings of useful species

B. Neem, mango

C. Eucalyptus

D. All the above

Answer:



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234. Name the country that recycles many raw materials used in making automobiles.

A. China

B. Japan

C. India

D. America

Answer:



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235. Name the country which produces iron from recycled automobiles.

A. Japan

B. India

C. United States

D. None of the above

Answer:



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236. What is the main reason for destruction of wild life habitats ?

- A. Deforestation
- B. Global warming
- C. El Nino
- D. All the above

Answer:



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237. Farmers of Gollapalli Implemented some methods to achieve sustainability in farming. Some of them are..... ,br. contour strip method

Broad furrow method

More water consume techniques

Micro irrigation techniques

A. 250 kg more pigeon pea per hectare

B. 50 kg more maize per hectare

C. 300 kg more rice per hectare

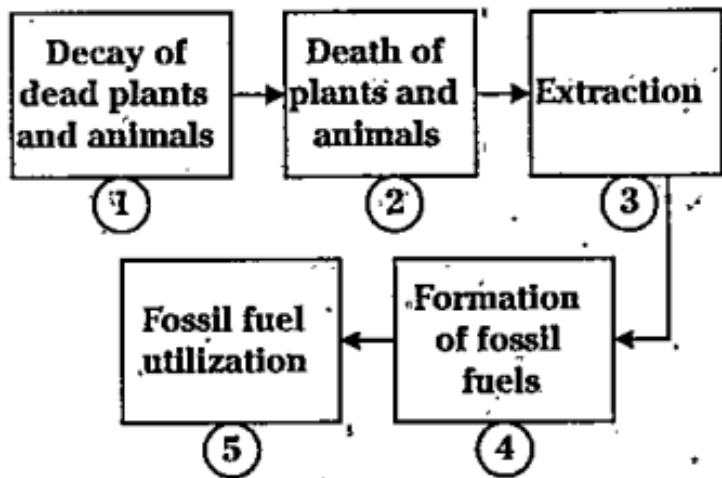
D. Both A and B

Answer:



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238. Arrange the flow chart in the correct order.



A. 1, 4, 3, 5, 2

B. 2, 5, 4, 3, 1

C. 2, 4, 1, 5, 3

D. 2, 1, 4, 3, 5

Answer:



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**239. K.G. Basin : Petroleum & Natural
gas :: Gliricidia :?.....**

A. Avenue plant

B. Fruit yielding

C. Ornamental

D. N, fixation

Answer:



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240. Pick the odd one out.

A. Coal

B. CNG

C. LPG

D. Biogas

Answer:



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241. Which of the following is environmental friendly reaction

A. Mining

B. Deforestation

C. Thermal power plants

D. Wind power generation

Answer:





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242. Expand UNDP.

A. United Nations Development Plan

B. United Nations Development
Programme

C. United Nations Drought Programme

D. United Nations Dropout Programme

Answer:



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243. What is the major source of irrigation in A.P. inspite of some major rivers like Godavari and Krishna ?

A. River Krishna

B. River Godavari

C. Tanks

D. Ground water

Answer:



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244. *khejri* is associated with this tribe.

A. Chenchu

B. Kota

C. Savara

D. Bishnoi

Answer:



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245. Can you guess the use of this plant.



A. Medicinal plant

B. Commercial plant

C. Rare plant

D. Bio-fuel plant

Answer:



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246. plants are used for production of biofuels.

A. Coffee

B. Gliricidia

C. Custard apple

D. Jatropha

Answer:



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247. This devastates the environment

A. Open cast mining

B. Coal mining

C. Mountain top removal mining (MTR)

D. None

Answer:



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248. Where do we use the process of recycling? How is it useful? Give examples.

A. Sorting

B. Grading

C. Collection

D. Their complexity.

Answer:



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249. Which of the following is not made from petroleum?

A. Nylon

B. Plastic

C. Cosmetics

D. None of the above

Answer:



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250. Name the country that recycles many raw materials used in making automobiles.

A. India

B. USA

C. Russia

D. Japan

Answer:



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251. In which year IUCN proposed world conservation strategy ?

A. Wildlife habitats

B. Habitats

C. Ecosystem

D. Wildlife habitats

Answer:



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252. Jatropha : bio-fuel : : Khejri :?.....

A. Koya

B. Savara

C. Gondu

D. Bishnoi

Answer:



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