



## BIOLOGY

### BOOKS - VGS PUBLICATION-BRILLIANT

### WATER TOO LITTLE TO WASTE

#### Exercise

1. Cleaning of water is a process of removing.



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2. Fill in the Blanks and give reasons:Waste water released by houses is called



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3. Fill in the Blanks and give reasons:Dried \_\_\_\_\_ is used as a manure.



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4. Fill in the Blanks and give reasons:Drains get blocked by\_\_\_\_\_and\_\_\_\_\_



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5. What is sewage ? Explain why it is harmful to discharge untreated sewage into rivers or seas?



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6. Why should oils and fats not be released into the drain? Explain.



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7. Name two chemicals used to disinfect the water.



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**8.** Explain the function of bar screens in a waste water treatment plant.



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**9.** Explain the relationship between sanitation and disease.



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**10.** Outline your role as an active citizen in relation to sanitation.



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**11.** What would you do to motivate people in your street to utilise toilets?



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**12.** What would happen if there are no microbes that break down wastes in sewage?



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**13.** What points would you like to address in the letter for you panchayat officer about drainage system in your village/town?



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**14.** Go to a nearby railway station/bus station/hospital/industry. What type of sewage is released? List out where and how.



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**15.** Fresh water is scarce. What is your contribution to make your family members aware of the need to save water?



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**16.** Prepare at least 5 slogans on "Don't waste water.



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**17.** Make a write up for your activity project on preservation of rain water.



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**18.** Is there a check dam or any other water conservation unit in your village? Write a note on it.



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**19.** Have you got any doubt about diseases caused by untreated water? List them out.



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**20.** If you see water running off from a public tap, what would you do about it?



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**21.** Prepare a logo for International Water Day.



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**22.** How is water distributed on the globe ?

How much of fresh water is available to us ?



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23. When was the international decade for action on 'water for life' declared.



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24. What would you do for the cause 'water for life'?



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25. Why do we need proper drainage system?



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26. For which purposes are we using fresh water?



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27. How is fresh water distributed over the globe?





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**28.** What is causing water scarcity ? Write the ways which are degrading the quality and quantity of natural supply of fresh water.



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**29.** How can you say that the next cold war could be over Water ?



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**30.** How can we conserve water ? Write some practices that can be adopted.



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**31.** World water day is on

A. 22nd March

B. 20th March

C. 22nd April

D. 20th April

**Answer:**



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**32.** Percentage of fresh water available on the globe

A. 0.97

B. 0.2

C. 0.1

D. 0.01



**Answer:**



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**33.** ..... alter the natural flow of rivers leading to water scarcity.

A. Rains

B. Dams

C. Bridges

D. None

**Answer:**



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**34. Organic impurities present in waste water**

A. Pesticides

B. Nitrates

C. Phosphates

D. Metals

**Answer:**



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35. Inorganic impurities present in waste water

A. Pesticides

B. Oil

C. Urea

D. Phosphates

**Answer:**



**36.** Dried sludge is used as

A. Waste material

B. Manure

C. Cattle food

D. Fuel

**Answer:**



**37. Bacteria in water cause the disease**

A. Cold

B. Fever

C. Body pains

D. Cholera

**Answer:**



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**38.** The chemical used to disinfect the water is

A. Oxygen

B. Chlorine

C. Fluorine

D. Nitrogen

**Answer:**



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**39.** Essential for metabolic activity.

A.  $CO_2$

B. Rain

C. Water

D. Minerals

**Answer:**



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40. ....present in the water cause disease.

A. Dust

B. Microbes

C. Dirt

D. Salts

**Answer:**



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**41.** Water let out from atomic reactors is fatal to

- A. Jungle life
- B. Hill beings
- C. Marine life
- D. Human life

**Answer:**



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**42.** Agro industry use excessive.

A. Fungicides

B. Water

C. Labour

D. Money

**Answer:**



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**43.** Chlorine passing into water is called.

A. Aeration

B. Chlorination

C. Purification

D. Filtration

**Answer:**



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**44.** Pumping of water into air for purifications is called.

A. Chlorination

B. Purification

C. Aeration

D. Filtration

**Answer:**



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**45.** Vegetables waste is a

A. Inorganic Impurity

B. Organic Impurity

C. Microbes

D. None

**Answer:**



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**46.** Nallavally is the oldest vana samrakhana samithi of which district?

A. Khammam

B. Adilabad

C. Karimnagar

D. Medak

**Answer:**



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**47.** Waste water released by different users are collectively called.

A. Mud

B. Sewage

C. Sludge

D. None of these

**Answer:**



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**48.** Sewage contains

A. Suspended impurities

B. Dissolved impurities

C. Disease causing bacteria

D. All of these

**Answer:**



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**49.** The process involved in treatment of waste water

A. Physical process

B. Chemical process



C. Biological process

D. All of these

**Answer:**



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**50.** Which gas kills harmful disease causing organisms in waste water?

A. Fluorine

B. Chlorine

C. Oxygen

D. Bromine

**Answer:**



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**51.** Microbes of cholera and typhoid grow more in

A. River water

B. Tank water

C. Well water

D. Pond water

**Answer:**



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**52.** How much percentage of fresh water exists in glaciers?

A. 0.01

B. 0.02

C. 0.03

D. 0.07

**Answer:**



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**53.** Activated sludge contain the following percentage of water.

A. 0.01

B. 0.02

C. 0.97

D. 1

**Answer:**



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**54.** Fill in the blanks and give reasons

Cleaning of water is a process of removing

\_\_\_\_\_.

A. Harmful organisms

B. Harmful impurities

C. Dissolved & suspended impurities

D. All of these

**Answer:**



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**55.** Dried sludge is used as

A. Manure

B. Pesticide

C. Water purifier

D. Detergent

**Answer:**



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**56.** Pumping of water into air for purifications is called.

A. Chlorination

B. Purification

C. Aeration

D. Filtration

**Answer:**



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**57.** Which of the component is essential for metabolic activity?

A. Carbon dioxide

B. Rain



C. Water

D. Minerals

**Answer:**



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**58.** It is an example of organic impurities

A. Human faces

B. Nitrates

C. Bacteria

## D. Microbes

**Answer:**



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**59.** The following is an organic impurity came from agriculture industry.

A. Urea

B. Pesticides

C. Herbicides

D. All of these

**Answer:**



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**60.** The instrument used to remove oil and grease in sludge is

A. Scraper

B. Skimmer

C. Floater

D. Bar screen

**Answer:**



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**61.** The following is a water conservation construction.

A. Percolation tank

B. Contour trench

C. Check dam

D. All of above

**Answer:**



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**62.** The following is a rainfed crop

A. Jowar

B. Redgram

C. Green gram

D. All of above

**Answer:**



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**63.** Assertion (A) : Water cycle maintains total water reserves on earth. Reason (R) : Water cycle involves continuous cycling of water into solid, liquid and gaseous forms of water.

A. Both 'A' and 'R' are true and 'R' is the correct explanation of 'A'

B. Both 'A' and 'R' are true but 'R' is not the correct explanation of 'A'

C. 'A' is true but 'R' is false

D. 'A' is false but 'R' is true.

**Answer:**



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**64.** Statement (i) : The inorganic impurities present in waste water are herbicides, pesticides, oil etc. Statement (ii) : The organic

impurities are phosphates, metals, nitrates etc. Statement (iii) : There are no germs / bacteria present in waste water.

A. Statement (i) and (iii) are incorrect while (ii) is correct.

B. Statement (i) and (ii) are incorrect while (iii) is correct.

C. All statements are correct

D. All statements are incorrect

**Answer:**







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65. World water day is observed on \_\_\_\_\_  
every year from 2005.

- A. 22nd March
- B. 22nd December
- C. 20th June
- D. 2nd May

**Answer:**



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**66.** Sita collects the water that used after cleaning rice, dal and vegetables in the kitchen and uses it to water the garden. This can be called \_\_\_\_\_

A. Stagnation of water

B. Reuse of water

C. Storing of water

D. Recovering of water

**Answer:**



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