SGJ DAV Senior Secondary Public School Haripura

Class: 8th Assignment

English

1. Write meaning of the word 'hermit.'
a) Saint   b) Cruel man   c) Educator   d) Monster

2. The king dressed the bearded man's wounds with………………….....
a) Blanket   b) Towel
c) Handkerchief   d) With towel of Hermit and his own handkerchief

3. Sherry is a ------------------
a) A type of eatable   b) A type of wine   c) A type of soft drink   d) A type of food

4. The meaning of the word 'chore' is ----------------
a) Job   b) Inactivity   c) Downtime   d) Break

5. Who made a tree – top house for her?
a) Her father   b) Her brother   c) Her son   d) Her son and grandson

6. How did digging of beds for the hermit save the king's life?

7. What was the proclamation made by the king?

8. Write character-sketch of hermit.

9. Grandmother was a genius. Give reason.

10. Why did the doctor recommend 'a quiet week in bed' for granny?

11. For what purpose alone was man sent into this life. What is this purpose? Discuss some means of fulfilling it.

12. Why did the narrator and his family "sigh in relief''?

13. Grandparents are always very dear to grandchildren. What all you do to spend quality time with them?

14. She was baking cookies in the evening. (Identify the tense)

15. She packed her bag with care. (Change into Present Continuous Tense)

Mathematics

1. The difference between the squares of two consecutive numbers is equal to their.
(a) Difference.   (b) Sum   (c) Product.   (d) Quotient .

2. What will be the digit in the thousands place of $(1111)^2$?
(a) 3   (b) 4   (c) 2   (d) 1

3. Perfect squares cannot have 2, 3, _____ and ___ ____ in its ones place
(a) 1, 7   (b) 5, 6   (c) 7, 8   (d) 7, 9

4. The smallest number by which 72 must be divided, so make it a perfect square.is ____
(a) 5   (b) 3   (c) 4   (d) 2

5. The square root of.3.052009 has decimal places
(a) 3   (b) 4   (c) 5   (d) 1

6. Cube of 0.1 is equal to
(a) 1.11   (b) 0.001   (c) 0.101   (d) 0.01

7. The smallest number by which 1944 should be multiplied so that it become a perfect cube is.
(a) 3   (b) 2   (c) 5   (d) 4

8. Value of $\sqrt[3]{1000000}$
(a) 10   (b) 1000   (c) 100   (d) None of these

9. $\sqrt[3]{0.027} - \sqrt[3]{0.008}$ is equal to
(a) 1   (b) 0.1   (c) 0.11   (d) 0.09

10. Cube of $\left(\dfrac{-1}{3}\right)$ is equal to

    (a) $\dfrac{1}{27}$ $(b) \dfrac{-1}{9}$ $(c) \dfrac{-1}{27}$ $(d) \dfrac{1}{9}$

11. Find the value of y: if $23^2 - 17^2 = 6y$

12. Check.(3, 4, 5) is a Pythagorean triplet or not?

13. Evaluate : $\sqrt[3]{4^3 \times 5^3}$

14. Check.(18, 28, 32) is a Pythagorean triplet or not?

15. Evaluate.: $\sqrt[3]{121} \times \sqrt[3]{297}$

16. Find the value of x: if $83^2 - 82^2 = 15x$

17. Evaluate : $\sqrt[3]{8 \times 125}$

18. Check.(10, 20, 24) is a Pythagorean triplet or not?

19. Find the value of x: if $163^2 - 162^2 = 65x$

20. Write a two digit number which is a perfect square as well as a perfect cube.

21. Find the cube root of 91,125 through the estimation method.

22. Find the value of $\sqrt{50625}$. Hence find the value of : $\sqrt{506.25}+\sqrt{5.0625}$

23. Evaluate. : $\sqrt[3]{288\sqrt[3]{72\sqrt[3]{27}}}$

24. Evaluate : $\sqrt[3]{61 + \sqrt[3]{25 + \sqrt[3]{8}}}$

25. Find the cube root of 21,952 by estimation..

26. Evaluate : $\sqrt[3]{\dfrac{.512}{.343}} \div \sqrt{\dfrac{.64}{.49}}+1$

27. Find the value of $\sqrt{484}$. Hence find the value of : $\sqrt{4.84}+\sqrt{0.0484}$

28. Find the cube root of 15,625 through the estimation method

29. Find the value of : $\sqrt[3]{\dfrac{-686}{2662}}$

30. Find the value of $\sqrt{676}$ Hence find the value of : $\sqrt{6.76}+\sqrt{0.0676}$

31. Find the smallest number by which 8788 should be divided so that the quotient is a perfect cube.

32. A general wishing to arrange his men, Who were 3,35,250 in number in the form of a square found that there were.9 men leftover. How many were there in each row?

33. Find the list number that should be added to 9180 to make it a perfect square. Also find the square root of the number so obtained.

34. 5929 students were sitting in the auditorium in such a manner that there are as many students in a row as there are rows in the auditorium. How many rows are there in the auditorium?

35. Find square roots of 10 up to three decimal places.

36. Find square root of 3.5 up to three decimal places.

37. Find the least number that should be added to 3320 to make it a perfect square. Also find the square root of the number so obtained.

38. If $a^3 = 81$ and $b^3 = 72$, find the value of ab

39. Find the smallest number by which.53,240 should be divided so that the quotient is a perfect cube.

40. Find the smallest number by which 53,240 should be divided so that the quotient is a perfect cube.

Science

1. Choose the correct statement with respect to unicellular organisms:
   a) in unicellular organisms, tissues work in co-ordination to perform different functions.
   b) unicellular organisms do not require food.
   c) unicellular organisms respire and reproduce.
   d) all unicellular organisms move by cilia.
2. Majority of cells cannot be seen directly with our naked eyes because:

a) organisms are generally unicellular   b) cells are microscopic

c) cells are present only inside the body   d) cells are grouped into tissues

3. Read the different combinations of terms given below:

   a) cell wall, cell membrane, nucleus, plastid

   b) cell wall, nucleus, ribosome, chromosome

   c) cell membrane, mitochondria, ribosome, chromosome

   d) cell membrane, ribosome, mitochondria, chloroplast.

4. The correct combination of terms with reference to an animal cell is _____.

5. Which one of the following term is not a part of the nucleus?

   a) Ribosome   b) nucleolus   c) chromosome   d) gene

6. A suitable term for the various components of cells is

   a) Tissue   b) cell organelles   c) chromosomes   d) genes

7. The jelly-like fluid substance present in cells is called

   a) Protoplasm   b) chromosome   c) chloroplast   d) cytoplasm

8. Which of the following reproduces only inside a host cell?

   a) Bacteria   b) Virus   c) Amoeba   d) Fungus.

9. A disease in human beings caused by virus is _____.

   a) Typhoid   b) influenza   c) dysentery   d) cholera

10. Pathogenic micro-organisms present in host cells are killed by medicines called

   a) pain killer   b) antibodies   c) antibiotics   d) vaccines

11. The two micro-organisms which live in symbiotic association in lichens are

   a) fungus and protozoa   b) alga and bacteria   c) bacteria and protozoa   d) alga and fungus

12. The gas released during the preparation of bread is

   a) Oxygen   b) carbon dioxide   c) nitrogen   d) sulphur dioxide

13. Why should we avoid standing close to a tuberculosis patient while he/she is coughing?

14. Polio drops are not given to children suffering from diarrhoea. Why?

15. While returning from the school, Boojho ate chaat from a street hawker. When he reached home, he felt ill and complained of stomach ache and fell ill. What could be the reason?

16. Is the following statement correct? If it is wrong, correct the statement

   Statement : "Unicellular organisms do not respire, only multicellular organisms respire"

17. Answer the following questions.

   a) Does it represent a plant cell or an animal cell?

   b) Does it represent a prokaryotic cell or an eukaryotic cell?

18. Cells consist of many organelles, yet we do not call any of these organelles as structural and functional unit of living organisms. Explain.

19. Why do plant cells have an additional layer surrounding the cell membrane? What is this layer known as?

20. Why are aluminium and zinc known as self protecting metals?

21. State the property of copper wires that makes them useful for electrical fitting.

22. State the steps to extract a metal from its ore.

23. Difference between metal and non metals on the basis of their physical properties

24. "In the absence of microorganisms the earth would become a heap of dead plants and animals "Justify this statement.

25. Differentiate between unicellular and multicellular organism. Give two examples of each.   (2)

26. Write the functions performed by the following cell organelles:

(a) Endoplasmic Reticulum   (b) Nucleus   (c) Mitochondria

27. 'Sodium and potassium is stores under kerosene.' Give reason.

28. State the fraction of gold present in an 18 carat gold piece.

29. "Microorganism can be considered as border line between living and non living organisms." Justify this statement.

30. Differentiate between plant cell and animal cell (Any two differences).

31. Write the functions performed by the following cell organelles:

(a) Golgi   (b) Plastids   (c) Cilia

32.. Define an alloy. List any two uses of non-metal.

33.Cells consist of many organelles, yet we do not call any of these organelles as structural and functional unit of living organisms. Explain.

34.Why do plant cells have an additional layer surrounding the cell membrane? What is this layer known as?

35.The size of the cells of an organism has no relation with the size of its body. Do you agree? Give reason for your answer.

36.What happens when a metal reacts with water and which gas is produced in the same?

37.Why are aluminium and zinc known as self protecting metals?

38.What happens when magnesium ribbon is heated in presence of air?

39. Microorganisms : Friend and Foe, How you will justify ?

40. While returning from the school, Boojho ate chaat from a street hawker. When he reached home, he felt ill and complained of stomach ache and fell ill. What could be the reason?

Social Science

Chapter 1

Resources – Utilisation and Development

Fill in the blanks

a. All the things on the earth, which are necessary for existence on the planet are known as _____.

b. Human needs and wants are neither _____ in all parts of the world nor _____ over the years.

c. Renewable resources are also known as _____ resources.

d. _____ resources are present in limited amount on earth's surface and complete utilisation of such resources would lead to its exhaustion.

e. Land, water is non-living resources known as _____ resources.

f. The _____ resources of a country are those which have been thoroughly surveyed and their quantities have been ascertained.

g. Resources should be utilised _____ so that after fulfilling our present requirements, they are conserved for future generations.

h. Rapid _____ growth has resulted in over-utilisation of natural resources.

Multiple choice questions

A. The resources are classified as biotic and abiotic resources on the basis of

a. The renewability   b. the origin   c. the occurrence   d. the development

B. Which one is not a non-renewable resource?

a. Coal   b. Petroleum   c. Solar energy   d. natural gas

C. Human beings are using water for

a. Generating electricity   b. irrigation   c. navigation   d. all the above

D. Which of the natural resource is essential for survival of human being and form the base for development of a country?

a. Coal   b. Water   c. forest   d. Petroleum

E. Development that takes place without damaging the environment is known as _____.

a. Conservation   c. Sustainable development

b. non- sustainable development   d. none of the above.

Give one word or technical term for the following

a. Watering of lands or crops through canals, tube wells, drip or sprinkler method:

b. Development that takes place without damaging the environment:

c. Resources like roads, buildings etc created by human beings to satisfy their needs:

d. The living resources like birds, animals, fish and forest is:

Question Answer

1. What are resources?
2. Why are human needs neither uniform nor static all over the world?
3. Utility and value of a resource varies from time to time and place to place, explain.
4. On what factors does utilisation of resources depends?
5. What is necessary for utilisation of resources?
6. Differentiate between exhaustible and inexhaustible resources.
7. Why are biotic resources referred as renewable resources?
8. What is the difference between man-made and natural resource?
9. What is a potential resource? Give example.
10. What are actual resources? And on what does it utilisation depends?
11. Why is there need for sustainable development?
12. What leads to degradation and deterioration of quality of resources?
13. Why the use of resources varies from one country to another country?
14. What do you understand by conservation?
15. Why do we need to conserve our natural resources?
16. What is needed for sustenance of life on earth?

Chapter 2

Natural Resources: Land, Soil and Water

Fill in the blanks

a. _____ is a unique planet in the solar system.
b. Lithosphere consists of loose surface material called _____.
c. The utilization of land is determined by continuous interplay of the _____ factors and the _____ factors.
d. In _____ _____ the top layer is removed by natural agents such as water, wind, glacier etc.
e. About _____ of the earth's total water is present in oceans and _____.
f. The quality of water is adversely affected as untreated _____ waste and _____ waste is dumped into it.
g. Water _____ is one of the methods of saving surface water runoff.
h. _____ is the level below which the ground is completely saturated with water.

Multiple choice questions

A. The earth's surface is divided into _____ parts.
a. 3   b. 2   c. 4   d. none of the above
B. About 90% of world's population inhabits the
a. High altitude   c. desert
b. plain areas having alluvial soils   d. equatorial forest region.
C. Countries decide the land use according to their
a. Developmental goals   c. availability of natural resources
b. a and b   d. none of the above.
D. Which one of the method is not suitable for soil conservation?
a. Afforestation   c. Overgrazing by animals
b. to check reckless cutting of trees   d. encouraging terrace farming and contour ploughing
E. Which one is not the area of high rainfall of world?
a. Equatorial regions in South America, c. Africa
b. South-east Asia   d. Arabian Plateau

Give one word /technical term for the following statements

a. The continuous recycling of rain water in nature through evaporation, condensation and precipitation is:
b. The prevention of soil from being eroded:
c. Growing of crops on level steps or terraces constructed on hill sides:
d. Removal of top layer of soil by natural factors like wind, water, glacier etc and man's action:
e. The loose surface material of lithosphere is:

Question Answer

1. The most important natural resource on which all human activity is based is Land, explain.
2. Why is life possible on the earth?
3. In which part of the world do we find 90% of earth's population and why?
4. What factors are responsible for deciding the land use pattern?
5. As a resource, soil is of immense value to farmers, why?
6. List the factors responsible for soil formation.
7. How does climate affect the soil formation in Rajasthan?
8. What are the different factors responsible for soil erosion?
9. State 5 methods by which soil can be conserved.
10. What is the main source of fresh water? And how is it recycled?
11. What is average annual precipitation of the world?
12. Name 2 areas each a) Areas with high rainfall b)Areas with low rainfall
13. What causes pollution of river water? How does pollution affect the human beings?
14. What is the stored water of dam used for?
15. Even though dams are very useful for various purpose but still many of them have come under lot of criticism from environmentalists, why?
16. How can water be conserved?
17. Why do we need conserve water?

Moral Education

प्रश्न -1 " जयति ओ३म् ध्वज व्योमविहारी " गीत किस झण्डे के फहराने पर बोला जाता है ?

प्रश्न - 2 साम्य सुमन विकसाने वाला " का क्या तात्पर्य है   ?

प्रश्न-3 " इसके "शब्द का अर्थ यहाँ क्या है |

प्रश्न -4 वेद ज्ञान के घर-घर में भर जाने से क्या लाभ होगा ?

प्रश्न   -5 आर्य जनों का अटल निश्चय क्या होना चाहिए ?

प्रश्न -6 भगवान् का सर्वश्रेष्ठ नाम क्या है ?

प्रश्न-7   वाणी में पवित्रता किसके जाप से आती है ?

प्रश्न-8   जगत का अनुपम आधार कौन है ?

प्रश्न-9 मन मन्दिर की ज्योति का प्रकाश पुंज कौन है ?

प्रश्न-10   ओ३म् नाम को प्राप्त कर लेने पर मनुष्य की कैसी निष्ठा बन जाती है ?

प्रश्न -11   ओ३म् शब्द की व्याख्या कीजिए।

प्रश्न-12 अनादि नाद कौन सा है जिसके बारे में विवाद नहीं ?

प्रश्न-13 इस अनादि नाद को कौन नहीं भूलते ? |

प्रश्न-14   वेद को प्रमाण मानने वाले किसका गान करते हैं ?

प्रश्न- 15 उस नाद का त्याग कौन करते हैं ?

प्रश्न-16   मुक्ति पाने का साधन यहाँ क्या बतलाया गया है ?

प्रश्न -17   ओ३म् का जप ध्यान आदि कौन करतें हैं ?

प्रश्न 18 गायत्री मंत्र लिखो।

प्रश्न 19 गुरु नानक देव जी ने ओ३म् के विषय में क्या कहा है?

प्रश्न 20 आर्य समाज के कोई पांच नियम लिखो।