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| **SET- I** | | | Total Pages : 4 | | | |
| **KENDRIYA VIDYALAYA SANGATHAN, GUWAHATI REGION**  **HALF YEARLY EXAMINATION, 2018-19** | | | | | | |
| SUBJECT | | SCIENCE | | CLASS: | VI | |
| TIME | | 2 Hours & 30 Minutes | | Max.Marks: | 80 | |
| Instructions : | | | | | | |
| 1. Questions 1 is MCQ or VSA type and each carries 1 mark. 2. Questions 2 to 9 are SA and each carries 2 marks. 3. Questions 10 to 17 are LA and each carries 3 marks. 4. Questions 18 to 22 are VLA and each carries 5 marks. | | | | | | |
| Q.1 | Choose the correct option:   1. Which of the following is a source of food? 2. Plants only b) Animals only   c) Both plants and animals d) None of these  (ii) Given below are the names of some animals:   1. Goat b) Human beings c) Cockroach d) Eagle   Which of the above animals form a pair of omnivores?   1. (a) and (b) B. (b) and (c) C. (c) and (d) D. (b) and (d)   (iii) The part of an onion plant do we eat?   1. Flower b) Fruit c) Stem d) Root   (iv) Which vitamin deficiency causes rickets?   1. Vitamin A b) Vitamin B c) Vitamin C d) Vitamin D   (v) Deficiency of vitamin A causes:  a) Night blindness b) Beri-Beri c) Scurvy d) Rickets  (vi) Separation of seeds from cotton balls is known as :   1. Weaving b) Knitting c) Ginning d)Spinning   (vii) Select a transparent substance:   1. Metal b) Polished wood c) Mirror d) Glass   (viii) Which of the following is a heterogeneous solution?   1. Salt and water b) Mud and water   c) Sugar and water d) Both (a) and (b)  (ix) Iron fillings from a tea mixture can be separated by :   1. Sieving b) Magnet c) Filtration d) Burning   (x) Pick the change that can be reversed from the following :  a) Cutting of trees b) Melting of ghee  c) Burning of candle d) Blooming of flower  (xi) Iron rim is made slightly smaller than the wooden wheel. The rim is usually heated before fixing into the wooden wheel because on heating the iron rim :   1. Expands and fits on to the wooden wheel. 2. Contracts and fits on to the wooden wheel. 3. No change in the size takes place. 4. Expands first, then on cooling contracts and fits on to the wooden wheel.   (xii) Rusting of iron is an example of:   1. Unreversible change b) Fast change   c) Physical change d) Reversible change  (xiii) Transpiration takes place through:   1. Stomata b) Chlorophyll c) Midrib d) None of these   (xiv) Which of the following joints is immovable?   1. Shoulder and arm b) Knee and joint   c) Upper jaw and skull d) Lower jaw and upper jaw  (xv) Fill in the blanks:   1. Plants fibres are obtained from \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_ 2. Animal fibres are \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_ | | | | | 1×15=15 |
| Q.2 | Why does a fish die when kept outside the water? | | | | | 2 |
| Q.3 | Name two foods each rich in:   1. Fats 2. Protein | | | | | 2 |
| Q.4 | Name two items that are made from coconut fibres. | | | | | 2 |
| Q.5 | Find the odd one out from the following:   1. Chair, bed, table, baby, cup-board 2. Aluminium, iron, copper, Silver, sand | | | | | 1X2=2 |
| Q.6 | How will you separate husk or dirt particles from a given sample of pulses before cooking? | | | | | 2 |
| Q.7 | **True or False :**   1. A mixture of milk and water can be separated by filtration. 2. A mixture of powdered salt and sugar can be separated by the process of winnowing. 3. Separation of sugar from tea can be done with filtration. 4. Grain and husk can be separated with the process of decantation. | | | | | ½ ×4=2 | |
| Q.8 | Match the parts of plant given in Column I with their function in Column II :  **Column I Column II**   1. Flower i) Photosynthesis 2. Leaf ii) Reproduction 3. Stem iii) Bears branches 4. Root iv) Anchorage | | | | | ½ ×4=2 | |
| Q.9 | List the common characteristics of the living things. | | | | | 2 | |
| Q.10 | What are the ways (any three) we can think of to avoid wastage of food? | | | | | 3 | |
| Q.11 | Name the following:   1. The nutrients which mainly give energy to our body. 2. A vitamin required for maintaining good eye-sight. 3. A mineral that is required for keeping our bones healthy. | | | | | 3 | |
| Q.12 | Classify the following fibres as natural or synthetic:  nylon, wool, cotton, silk, polyester, jute. | | | | | 3 | |
| Q.13 | Is it possible to separate sugar mixed with wheat flour? If yes, how will you do it? | | | | | 3 | |
| Q.14 | State whether the following statements are True or False:   1. A mixture of oil and water can be separated by filtration. 2. Water can be separated from salt by evaporation. 3. A mixture of wheat grains and wheat flour can be separated by sieving. 4. A mixture of iron fillings and rice flour can be separated by magnet. 5. A mixture of wheat grains and rice flakes can be separated by winnowing. 6. A mixture of tea leaves and milk can be separated by decantation. | | | | | ½ ×6=3 | |
| Q.15 | Which of the following changes cannot be reversed?   1. Blowing of a balloon 2. Folding a paper to make a toy aeroplane 3. Rolling a ball of dough to make roti 4. Baking cake in an oven 5. Drying a wet cloth 6. Making biogas from cow dung 7. Burning of candle | | | | | ½ ×6=3 | |
| Q.16 | a) What is habitat?  b) List any four common characteristics of living organisms. | | | | | ½ ×6=3 | |
| Q.17 | How is skeleton of a bird well-suited for flying? | | | | | 3 | |
| Q.18 | Draw labelled diagram showing parts of a flower. | | | | | 5 | |
| Q.19 | Sugar, salt, mustard oil, sand, sawdust, honey, chalk powder, petals of flower, soil, copper sulphates crystals, glucose, wheat flour are some substances given to Paheli. She wants to know whether these substances are soluble in water or not. Help her in identifying soluble and insoluble substances in water. | | | | | 5 | |
| Q.20 | Give five examples for each physical and chemical changes. | | | | | 5 | |
| Q.21 | Name five plants and their parts that we eat. | | | | | 5 | |
| Q.22 | One day Arun and Raj were playing cricket in a field along with their classmates. Suddenly Raj fell down very badly while he was trying to take a catch. Seeing this Arun ran towards him and found that he was not able to lift his left hand. So Arun immediately cushioned his hand by his sweater and took him to a nearby doctor. After examining, Raj, the doctor, told them that Raj has dislocated one of the bones at the joint and had a minor fracture in his left hand. But he consoled them that after proper treatment Raj will get well soon.   1. Name the type of joints found in the human body. 2. What values are possessed by Arun? 3. What values are possessed by the doctor? | | | | | 5 | |