



## QUESTION BANK

### Grade 8- SCIENCE

1	<p>Tiger is an endangered species because</p> <ul style="list-style-type: none"><li>a) Its population is decreasing</li><li>b) It has become extinct</li><li>c) It is found exclusively in a particular region</li><li>d) Its poaching is strictly prohibited</li></ul> <p><b>ANSWER: A</b></p>
2	<p>Tissue is a</p> <ul style="list-style-type: none"><li>a) Group of organs</li><li>b) Group of cells</li><li>c) Group of tissues</li><li>e) Group of organisms</li></ul> <p><b>ANSWER: B</b></p>
3	<p>IUCN stands for</p> <ul style="list-style-type: none"><li>a) International Union For Conserving The Nature</li><li>b) International Union For Conservation Of Nation</li><li>c) International Union For Conservancy Of Nature</li><li>d) International Union For Conservation Of Nature</li></ul> <p><b>ANSWER: D</b></p>
4	<p>Hen's egg is a</p> <ul style="list-style-type: none"><li>a) Tissue</li><li>b) Organ</li><li>c) Organ system</li><li>d) cell</li></ul> <p><b>ANSWER:D</b></p>
5	<p>What can be likely achieved from planting trees in the forest?</p>

	<p>(a) Conservation of forest and animals</p> <p>(b) Increase in the number of extinct species</p> <p>(c) Decrease in the number of predator species</p> <p>(d) Availability of more information for red book data</p> <p><b>ANSWER:A</b></p>
6	<p>Replanting of trees is called</p> <p>a) Deforestation</p> <p>b) Reforestation</p> <p>c) Afforestation</p> <p>d) None of these</p> <p><b>ANSWER:B</b></p>
7	<p>The nucleus is separated from the cytoplasm by_____</p> <p>a) Cell membrane</p> <p>b) Nuclear membrane</p> <p>c) Organs</p> <p>d) Nucleoplasm</p> <p><b>ANSWER:B</b></p>
8	<p>Wildlife population are decreasing due to:</p> <p>a) Afforestation</p> <p>b) Loss of minerals</p> <p>c) Poaching</p> <p>d) Loss of sunlight</p> <p><b>ANSWER:C</b></p>
9	<p>Where are chromosomes found?</p> <p>(a) Nucleus</p> <p>(b) Nucleoplast</p> <p>(c) Nucleolus</p> <p>(d) Vacuole</p> <p><b>ANSWER:A</b></p>
10	<p>Human activities is not allowed in :</p> <p>a) Core zone</p> <p>b) Buffer zone</p> <p>c) Transition zone</p> <p>d) Core and buffer</p> <p><b>ANSWER:A</b></p>
11	<p>Cutting of trees on large scale is called</p> <p>a) Deforestation</p> <p>b) Reforestation</p> <p>c) Afforestation</p> <p>d) None of these</p> <p><b>ANSWER:A</b></p>

12	<p>The control unit of cell is</p> <ul style="list-style-type: none"> <li>a)Nucleus</li> <li>b) Cell wall</li> <li>c)Cytoplasm</li> <li>d)All of these</li> </ul> <p><b>ANSWER:A</b></p>
13	<p>The species which are at the verge of the extinction</p> <ul style="list-style-type: none"> <li>a. Endemic</li> <li>b. Extinct</li> <li>c. Endangered</li> <li>d. None of these</li> </ul> <p><b>ANSWER:C</b></p>
14	<p>Chloroplast is found in</p> <ul style="list-style-type: none"> <li>a. Plant cell only</li> <li>b. Animal cell only</li> <li>c. Both of these</li> <li>d None of these</li> </ul> <p><b>ANSWER: A</b></p>
15	<p>The process of conversion of fertile lands into deserts is known as:</p> <ul style="list-style-type: none"> <li>a. Famine</li> <li>b. Acid rain</li> <li>c. Drought</li> <li>d. Desertification</li> </ul> <p><b>ANSWER:D</b></p>
16	<p>_____ is the basic building block of a living organism</p> <ul style="list-style-type: none"> <li>a. tissue</li> <li>b. an organ</li> <li>c. nitrogen</li> <li>d. the cell</li> </ul> <p><b>ANSWER:D</b></p>
17	<p>The _____controls the type of substances passing in and out of a cell.</p> <ul style="list-style-type: none"> <li>a. cell wall</li> <li>b. cell membrane</li> <li>c. mitochondria</li> <li>d. chromoplast</li> </ul> <p><b>ANSWER:B</b></p>
18	<p>The _____determine that we inherit the characteristic traits from our parents.</p> <ul style="list-style-type: none"> <li>a. ribosomes</li> <li>b. lysosomes</li> <li>c. chromosomes</li> <li>d. centrosomes</li> </ul> <p><b>ANSWER:C</b></p>

19	A group of cells that perform a similar function is called a/an _____ . a. tissue b. system c. organism d. organ <b>ANSWER:A</b>
20	The _____ plays an important role in cell division. a. centrosome b. Golgi bodies c. lysosome d. vacuoles <b>ANSWER:A</b>
<b>Fill in the blanks</b>	
21	Cells were first observed in cork by ____ in 1665. <b>ANSWER: ROBERT HOOKE</b>
22	_____ by cattle must be controlled to conserve forest <b>ANSWER:OVERGRAZING</b>
23	The Amoeba is an example of _____ organism <b>ANSWER:UNICELLULAR</b>
24	_____ is the plant species present in a particular region. <b>ANSWER: FLORA</b>
25	Robert Hooke discovered the cells in the year _____. <b>ANSWER:1665</b>
26	The interaction between the animals and plants exist in a particular region or habitat is called _____. <b>ANSWER:ECOSYSTEM</b>
27	_____ is the site of protein synthesis <b>ANSWER:RIBOSOMES</b>
28	_____ is the largest cell known. <b>ANSWER:OSTRICH RGG</b>
29	Flora refers to the _____ of a region. <b>ANSWER: PLANT LIFE</b>
30	The _____ is the control center of the cell. <b>ANSWER:NUCLEUS</b>
31	Energy is produced in_____. <b>ANSWER:MITOCHONDRIA</b>
32	Cell wall is found in _____ cell. <b>ANSWER: PLANT CELLS</b>
<b>State whether the statements are true or false</b>	
33	All the cells in our body are alike. <b>ANSWER:F</b>
34	Deforestation leads to an increase in the water holding capacity of the soil <b>ANSWER:F</b>

35	Unicellular organisms have a single cell. <b>ANSWER:T</b>
36	A human body has 46 chromosomes. <b>ANSWER:T</b>
37	The IUCN gives information about protected animals. <b>ANSWER:F</b>
38	Both animals and plants have cell wall. <b>ANSWER:F</b>
39	The shape of muscle cells is cylindrical and spindle. <b>ANSWER:T</b>
40	Neurons are the smallest cells present in the human body. <b>ANSWER:F</b>
41	The ostrich egg is the largest cell in the world. <b>ANSWER:T</b>
42	Cell wall is present in animals only. <b>ANSWER:F</b>
	<b>Name the following</b>
43	The wide variety of living organisms that are found in a region. <b>ANSWER:BIODIVERSITY</b>
44	Killing or trapping of animals in areas where it is forbidden. <b>ANSWER:POACHING</b>
45	Cutting down of trees and destroying the forest. <b>ANSWER:DEFORESTATION</b>
46	A species that is at risk of becoming endangered in the future. <b>ANSWER:VULNERABLE</b>
47	The area in the biosphere reserves where many human activities like growing of crops is permitted. <b>ANSWER:TRANSITION ZONE</b>
48	Name an endangered animal. <b>ANSWER:TIGER</b>
49	The postman of the cell <b>ANSWER: GOLGI BODIES</b>
50	Name a national park of India. <b>ANSWER:GIR NATIONAL PARK</b>
51	Name the jelly-like substance that fills the cell. <b>ANSWER:CYTOPLASM</b>
52	Name a biosphere reserve. <b>ANSWER:NANDA DEVI BIOSPERE RESERVE</b>
53	The suicidal bag of the cell. <b>ANSWER: LYSOSOMES</b>
54	Name the colourless pigment. <b>ANSWER:LEUCOPLAST</b>

55	Name the organelle that contains the chromosomes. <b>ANSWER:NUCLEUS</b>
56	Name an extinct species. <b>ANSWER: DODO</b>
57	Name the additional outer covering present in plant cells. <b>ANSWER: CELL WALL</b>
58	Name the outer most zone of the biosphere reserve. <b>ANSWER: TRANSITION ZONE</b>

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