






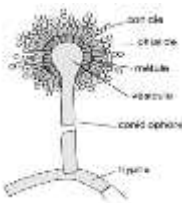



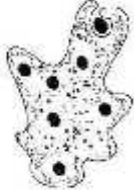
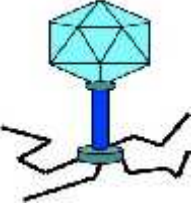
INDIAN SCHOOL DARSAIT

DEPARTMENT OF SCIENCE

Subject : Biology/Chemistry **Topic :** Microorganisms **Date of Worksheet :** 17-10-2017
Friend and Foe

Resource Person: Mrs. Haseena Begum **Date of submission:**

Name of the Student : _____ **Class & Division :** _____ **Roll Number :** ____

Q.1	What makes the dough rise while preparing idli, dosa and dhoklas ?	1
Q.2	Which microorganism is used to make bread soft and fluffy? Explain how this happens?	2
Q.3	How do mosquitoes spread diseases?	2
Q.4	List some common plant diseases, their causative microorganisms and the mode of transmission.	2
Q.5	List the communicable diseases where mode of transmission is air, mention their Causative microorganism and preventive measures.	3
Q.6	Why do we need to preserve food? List the different methods of food preservation.	3
Q.7	Draw a well labelled figure of Nitrogen Cycle.	3
Q.8	Give one example of each of the following. a) A disease caused by protozoa b) An antibiotic c) An edible fungus. d) A disease caused by bacteria.	2
Q.9	Identify the microorganisms given below. <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>A</p>  </div> <div style="text-align: center;"> <p>B</p>  </div> <div style="text-align: center;"> <p>C</p>  </div> <div style="text-align: center;"> <p>D</p>  </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>E</p>  </div> <div style="text-align: center;"> <p>F</p>  </div> <div style="text-align: center;"> <p>G</p>  </div> <div style="text-align: center;"> <p>H</p>  </div> <div style="text-align: center;"> <p>I</p>  </div> </div>	9




Subject : Biology/Chemistry **Topic :** Reproduction in Animals **Date of Worksheet :** 17-10-2017

Resource Person: Mrs. S. Subhaja Nandakumar

Date of submission:

Name of the Student : _____ **Class & Division :** _____ **Roll Number :** _____

1.	Explain the importance of reproduction in organism.	1
2.	Write a brief note on IVF.	2
3.	<p>Fill in the blanks</p> <p>(a) All living organisms _____ to produce young ones like them.</p> <p>(b) The cell formed after fertilization is called _____.</p> <p>(c) The cells involved in sexual reproduction are called _____.</p> <p>(d) _____ lays hundreds of eggs at a time.</p>	2
4.	Differentiate between asexual and sexual reproduction.	3
5.	Explain metamorphosis in frog with the help of a diagram.	3
6.	Draw a neat labelled diagram of human sperm and ovum	3
7.	<p>(a) Define fertilisation,</p> <p>(b) What is the difference between a zygote and an embryo</p>	3
8.	<p>Give one word:</p> <p>(a) A tadpole develops into an adult frog by the process of</p> <p>(b) The number of nuclei present in a zygote</p> <p>(c) Animals which give birth to young ones</p> <p>(d) The type of fertilization that takes place in frog</p> <p>(e) Fertilized egg is called</p> <p>(f) Reproduction in Amoeba is by</p>	3
9.	Describe the two methods of asexual reproduction with the help of the neatly labelled diagrams.	5
10.	<p>Identify and label the parts of the given diagram</p> 	5

