

Living world and classification of microbes

Q.1	Fill in the blanks:	2
A	1. -----in 1735 divided the whole living world into 2 kingdoms- Vegetabilia and Animalia. 2. -----cells do not have well define nucleus. 3. Amoeba belongs to -----kingdom. 4. Fungi has a cell wall made up of tough and complex sugar called-----	
B.	Match the columns:	2
	'A' - Fungi - Protozoa - Virus - Algae 'B' - Chlorella - Bacteriophage - Candida - Amoeba - Prokaryote	
C.	True or false: 1. Lactobacilli are harmful bacteria 2. Baker's yeast is a member of kingdom Protozoa.	2
D.	Who am I? 1. I'm green, but don't have organs. 2. I reproduce by sexually and asexually by cell division or by budding. 3. I cause amoebiosis in human beings. 4. Im extremely minute, smaller than bacteria.	4
Q.2	Give reasons:	4
A	1. Viruses are organisms at the edge of living and non-living. 2. Members of kingdom Fungi are heterotrophs.	
B.	Draw a neat labeled diagram: Paramoecium	2
C.	Distinguish between: Prokaryotic cell and Eukaryotic cell	2
D.	State the merits of Whittaker's method of classification	2
Q.3	Answer the following:	6
A	1. Write Characteristics of kingdom fungi 2. Which living oragnisms are included in kingdom: Monera? Why? 3. Which kingdom has oragnisms with pseudopodia or cilia? What is the function of these special features?	
B.	Complete the five kingdom method of classification:	4

