

BCM SCHOOL, BASANT AVENUE, DUGRI ROAD, LUDHIANA CLASS – XI SUBJECT: BIOLOGY CHAPTER – 2: BIOLOGICAL CLASSIFICATION	
1	Fill in the blanks: a) The five kingdom classification was proposed by _____. b) _____ are the smallest living cells known and can survive without oxygen. c) Diatoms have cell walls made of _____ which makes them indestructible. d) Lichens are symbiotic association of _____ and _____.
2	Match Column I with Column II: Column I Column II a) Methanogens i) Deuteromycetes b) Imperfect fungi ii) Archaeobacteria c) Morels iii) Basidiomycetes d) Mushroom iv) Ascomycetes
3	Assertion (A): Viruses are not included in 5-kingdom classification. Reason (R): Viruses are obligate intracellular parasites. a
4	Why are cyanobacteria called “blue-green algae” but placed in Kingdom Monera?
5	Differentiate between Ascomycetes and Basidiomycetes. Give 2 examples each.
6	“Lichens are good pollution indicators.” Explain with reason.
7	Ram found a cottony growth on moist bread. It was white initially, turned black later. a) Identify the organism + Kingdom: _____ b) Which group of fungi? Name the black spores: _____ c) Write 2 economic importance of this group: _____
8	Study the various features and answer: Kingdom Cell Type Cell Wall Nutrition Monera Prokaryotic Non-cellulosic Autotrophic/Heterotrophic Protista Eukaryotic Present in some Autotrophic/Heterotrophic a) Name 1 disease caused by each: Monera _____ Protista _____ b) Why are slime moulds placed in Protista despite being fungus-like? _____ c) What feature excludes Monera from Protista? _____
9	“Kingdom Mandala” – Draw on back side of sheet or separate A4. Divide a circle into 5 parts for 5 kingdoms. In each part: 1. Write 2 unique features 2. Draw 1 example in Warli/Kalamkari style 3. Color code: Monera=Red, Protista=Blue, Fungi=Yellow, Plantae=Green, Animalia=Orange