

YEARLY EVALUATION 2014-15

BIOLOGY –ANSWER KEY

STD 8 MAX MARKS 25

QN NO	SCORING INDICATORS	SPLIT UP SCORE	TOTAL SCORE
1	(a)BIOLOGICAL PEST CONTROL (b)CARL LINNAEUS	1 1	2
2	(a)MUTUALISM, OTHERS ARE NEGATIVE INTERACTION (b)NERVOUS TISSUE, OTHERS ARE CONNECTIVE TISSUE	$\frac{1}{2}+\frac{1}{2}$ $\frac{1}{2}+\frac{1}{2}$	2
3	HUMAN ACTIVITY IS STRICTLY PROHIBITED IN THE CORE ZONE OF A BIOSPHERE RESERVE.	1	1
4	ECOLOGICAL HOT SPOT : WESTERN GHATS NATIONAL PARK : ERAVIKULAM PEPPER RESEARCH INSTITUTE : PANNIYOOR	1 1 1	3
5	OSMOSIS – MOVEMENT OF WATER MOLECULES – SELECTIVELY PERMEABLE MEMBRANE REQUIRED DIFFUSION – FLOW OF CERTAIN MOLECULES FROM AN AREA OF HIGHER CONCENTRATION TO LOWER CONCENTRATION – METHOD IN WHICH OXYGEN AND CARBON DIOXIDE ENTERS THE CELL ACTIVE TRANSPORT – MOVEMENT OF WATER MOLECULES – ENERGY REQUIRED	$\frac{1}{2}+\frac{1}{2}$ $\frac{1}{2}+\frac{1}{2}$ $\frac{1}{2}+\frac{1}{2}$	3
6	EPITHELIAL TISSUE – COVERS INTERNAL ORGANS CONNECTIVE TISSUE – CONNECT CELLS AND PROVIDE SUPPORT TO THEM MUSCULAR TISSUE – MAKES MOVEMENT NERVOUS TISSUE – IDENTIFIES THE CHANGES AND RESPONDS TO THEM (ANY THREE)	$\frac{1}{2}+\frac{1}{2}$ $\frac{1}{2}+\frac{1}{2}$ $\frac{1}{2}+\frac{1}{2}$	3
7	A – LYSOSOMES B- GOLGI BODIES	1+1	2
8	A – MOLECULE B- CELL C- ORGAN D - POPULATION	$\frac{1}{2}+\frac{1}{2}+\frac{1}{2}+\frac{1}{2}$	2
9	A) WATER MOLECULES MOVE OUT OF THE CELL IF THE CONCENTRATION OF WATER IS LESS IN CELL ENVIRONMENT B) WATER MOLECULES MOVE IN TO THE CELL IF THE CONCENTRATION OF WATER IS HIGH IN CELL ENVIRONMENT	$\frac{1}{2}+\frac{1}{2}$ $\frac{1}{2}+\frac{1}{2}$	2
10	A) SCLERENCHYMA B) PROVIDES SUPPORT AND STRENGTH TO PLANTS	1 1	2
11	THE LYMPH CAPILLARIES MAINTAIN THE LEVEL OF TISSUE FLUID BY ABSORBING TISSUE FLUID INTO LYMPH VESSEL	2	2
12	INFECTION, SMOKING, USING DRUGS, USING ALCOHOL, TENSION, OVER NUTRITION, MALNUTRITION (ANY TWO)	$\frac{1}{2}+\frac{1}{2}$	1