

PAKISTAN INTERNATIONAL SCHOOL, BURAIDAH
SYLLABUS BREAKUP

Class: VIII O LEVEL Subject: BIOLOGY

Number of Teaching Weeks in First Term: (1 - 17)

Number of Teaching Weeks in Second Term: (18 - 34)

Name of Text Book: D G MACKEAN

Week No.	Chapter No.	Day	Topic	Book Page Numbers
1	1	Day 1	Characteristics of living organism	1
		Day 2	Concept and use of a classification system	2
		Day 3	Concept and use of a classification system	3
		Day 4	Concept and use of a classification system	4
2		Day 1	Concept and use of a classification system	5
		Day 2	Features of organisms	6
		Day 3	Features of organisms	7
		Day 4	Features of organisms	8
3		Day 1	Features of organisms	9
		Day 2	Features of organisms	10
		Day 3	Features of organisms	11
		Day 4	Features of organisms	12
4		Day 1	Features of organisms	13
		Day 2	Features of organisms	14
		Day 3	Features of organisms	15
		Day 4	Features of organisms	16
5		Day 1	Features of organisms	17
		Day 2	Features of organisms	18
		Day 3	Features of organisms	19
		Day 4	Features of organisms	20

Week No.	Chapter No.	Day	Topic	Book Page Numbers
6	2	Day 1	Dichotomous keys	21
		Day 2	Cell structure and organisation	24
		Day 3	Cell structure and organisation	25
		Day 4	Cell structure and organisation	26
7		Day 1	Cell structure and organisation	27
		Day 2	Cell structure and organisation	28
		Day 3	Levels of organisation	29
		Day 4	Levels of organisation	30
8		Day 1	Levels of organisation	31
		Day 2	Levels of organisation	32
		Day 3	Levels of organisation	33
		Day 4	Levels of organisation	33
9		Day 1	Size of specimens	34
		Day 2	Size of specimens	35
		Day 3	Size of specimens	35
		Day 4	Size of specimens	35
10	3	Day 1	Diffusion	36
		Day 2	Diffusion	37
		Day 3	Diffusion	38
		Day 4	Diffusion	39
11		Day 1	Osmosis	40
		Day 2	Osmosis	41
		Day 3	Osmosis	42
		Day 4	Osmosis	43

Week No.	Chapter No.	Day	Topic	Book Page Numbers
12		Day 1	Osmosis	44
		Day 2	Osmosis	45
		Day 3	Osmosis	46
		Day 4	Osmosis	47
13		Day 1	Active transport	48
		Day 2	Active transport	49
		Day 3	Active transport	50
		Day 4	Active transport	50
14	4	Day 1	Biological molecules	51
		Day 2	Biological molecules	52
		Day 3	Proteins	53
		Day 4	Structure of DNA	54
15		Day 1	Structure of DNA	55
		Day 2	Water	56
		Day 3	Water	57
		Day 4	Water	58
16	5	Day 1	Enzyme action	59
		Day 2	Enzyme action	60
		Day 3	Enzyme action	61
		Day 4	Enzyme action	62
17		Day 1	Enzyme action	63
		Day 2	Enzyme action	64
		Day 3	Enzyme action	65
		Day 4	Enzyme action	65

Week No.	Chapter No.	Day	Topic	Book Page Numbers
18	6	Day 1	Photosynthesis	66
		Day 2	Photosynthesis	67
		Day 3	Photosynthesis	68
		Day 4	Photosynthesis	69
19		Day 1	Photosynthesis	70
		Day 2	Photosynthesis	71
		Day 3	Photosynthesis	72
		Day 4	Photosynthesis	73
20		Day 1	Photosynthesis	74
		Day 2	Photosynthesis	75
		Day 3	Leaf structure	76
		Day 4	Leaf structure	77
21		Day 1	Leaf structure	78
		Day 2	Leaf structure	79
		Day 3	Leaf structure	80
		Day 4	Leaf structure	81
22		Day 1	Mineral requirements	82
		Day 2	Mineral requirements	83
		Day 3	Mineral requirements	84
		Day 4	Mineral requirements	85
23	7	Day 1	Diet	86
		Day 2	Diet	87
		Day 3	Diet	88
		Day 4	Diet	89

Week No.	Chapter No.	Day	Topic	Book Page Numbers
24		Day 1	Diet	90
		Day 2	Diet	91
		Day 3	Diet	92
		Day 4	Diet	93
25		Day 1	Alimentary canal	94
		Day 2	Alimentary canal	95
		Day 3	Alimentary canal	96
		Day 4	Alimentary canal	97
26		Day 1	Mechanical digestion	98
		Day 2	Mechanical digestion	99
		Day 3	Chemical digestion	100
		Day 4	Chemical digestion	101
27		Day 1	Chemical digestion	102
		Day 2	Absorption	103
		Day 3	Absorption	104
		Day 4	Absorption	105
28		Day 1	Absorption	106
		Day 2	Absorption	107
		Day 3	Absorption	108
		Day 4	Absorption	109
29	8	Day 1	Transport in plants	110
		Day 2	Transport in plants	111
		Day 3	Transport in plants	112
		Day 4	Transport in plants	113

Week No.	Chapter No.	Day	Topic	Book Page Numbers
30		Day 1	Water uptake	114
		Day 2	Transpiration	115
		Day 3	Transpiration	116
		Day 4	Translocation	117
31		Day 1	Translocation	118
		Day 2	Translocation	119
		Day 3	Translocation	120
		Day 4	Translocation	121
32	9	Day 1	Translocation	122
		Day 2	Translocation	123
		Day 3	Transport in animals	124
		Day 4	Transport in animals	125
33		Day 1	Heart	126
		Day 2	Heart	127
		Day 3	Heart	128
		Day 4	Blood and lymphatic vessels	129
34		Day 1	Blood and lymphatic vessels	130
		Day 2	Blood and lymphatic vessels	131
		Day 3	Blood and lymphatic vessels	132
		Day 4	Blood and lymphatic vessels	133