Practical Test – Answer key
II. Section. Biodiversity

Task 1

Genus	Combination of morphological features					No
	shape	thickness	surface	colour	H/W	
PATELLA	1a	2b	3a	4b	5b	10
RAPANA	1c	2b	3b	4b	5a	7
PLANORBISS (CORETUS)	1b	2a	3a	4b	5a	9
HELIX	1c	2a	3a	4b	5a	8
ZEBRINA	1d	2a	3a	4a	5a	11
HELICELLA	1b	2a	3a	4a	5a	12

Task 2

Genus	Combination of morphological features					No
	teeth apparatus	share	sculpture	colour	luster	
CUNEARCA	1a	2b	3c	4a	5b	3,5
DONAX	1b	2b	3a	4a	5a	4
CARDIUM	1b	2a	3c	4a	5b	-
MYA	1c	2b	3a	4a	5b	6
MYTILUS	1d	2c	3a	4b	5b	1
OSTREA	1d	2a	3b	4a	5b	2

11 answers x 3 pts. = 33 pts.

III. Section. Phytoecology

Task 1

PLANT GROUP	QUANTITATIVE PARTICIPATION OF PLANT GROUPS		WIEGHT OF EACH GROUP	PRIMARY PRODUCTION
	NUMBER OF INDIVIDUALS	%		
GRASSES	6 (2 pts)	35.0-35.3 (1 pts)	X	X/100 (1 pts)
LEGUMES	5 (2 pts)	29.0-29.4 (1 pts)	Y	Y/100 (1 pts)
COMPOSITES	4 (2 pts)	23.5-24.0 (1 pts)	Z	Z/100 (1 pts)
UMBELLIFERS	2 (2 pts)	11.8-12.0 (1 pts)	n	n/100 (1 pts)

Forage value: very good (–), good (+), average (–), (4 pts.)

IV. Section. Zooecology

Task 1

Phila	Clases	Number of individuals	% of the sample
Worms (Vermes)	Bristle-footed worms (Oligochaeta)	4	26.7-27.0
Molluscs (Mollusca)	Naked snails (Gastropoda)	2	13.0-13.3
Arthropods (Arthropoda)	Crustaceans (Crustacea)	5	33.0-33.3
	Multipedes (Myriapoda)	1	6.7-7.0
	Insects (Insecta)	3	20

5 ans. x 2 pts. = 10 pts. 5 ans. x 1 pt. = 5 pts.

Task 2

Classes	Number pwr sq m	Weight (g)	Biomass g/sq m
Bristle-footed worms (Oligochaeta)	4x4 = 16	a	a x 4
Naked snails (Gastropoda)	2x4 = 8	b	b x 4
Multipedes (Myriapoda)	1x4 = 4	c	c x 4
Crustaceans (Crustacea)	5x4 = 20	d	d x 4
Insects (Insecta)	3x4 = 12	e	e x 4

5 ans. x 2 pts. = 10 pts. 5 ans. x 2 pts. = 10 pts.

I. Section: Cytology and Histology

Task 1.1.

A(-)	B(+)	C(+)	D(-)	E(-)	F(+)	G(-)	H(+)
1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

Task 2.1.	C	3.0	Task 2.2.	C	3.0
Task 3.1.	D	3.0	Task 3.2.	B	3.0
Task 4.1.	B	3.0	Task 4.2.	C	3.0
Task 4.3.	A	3.0	Task 4.4.	B	3.0

12 ans. x 3 pts. = 36 pts.