Year 11 BIOLOGY

Yearly Examination

TOPIC: Yearly Examination	**MARKS:** /75
SUBMISSION REQUIREMENTS: Term 3, Week 9 or 10 As per preliminary exam timetable.	**WEIGHTING:** 30%

OUTCOMES TO BE ASSESSED:

BIO11-8 Describes single cells as the basis for all life by analysing and explaining cells ultrastructure and biochemical processes.
BIO11-9 Explains the structure and function of multicellular organisms and describes how the coordinated activities of cells, tissues and organs contribute to macroscopic processes in organisms.
BIO11-10 Describes biological diversity by explaining the relationships between a range of organisms in terms of specialisation for selected habitats and evolution of species.
BIO11-11 Analyses ecosystems dynamics and the interrelationships of organisms within the ecosystem

DIRECTIONAL VERBS:

Analyse: Identify components and the relationship between them; draw out and relate implications.
Describe: Provide characteristics and features.
Explain: Relate cause and effect; make the relationships between things evident; provide why and/or how.

TASK DESCRIPTION:

Students are to complete a written examination based on:

- Module 1 (Cells as the Basis of Life),
- Module 2 (Organisation of Living Things)
- Module 3 (Biological Diversity)
- Module 4 (Ecosystem Dynamics)

The examination will be set out as follows:

Duration: 2 hours

Total marks: 75

Examination consists of the following components:

- 15 multiple choice questions (15 marks) – worth 1 mark each.
- Short and extended responses (60 marks) – ranging from 1-10 marks.

Students will answer questions as instructed on the examination paper.

ASSESSMENT CRITERIA:

Students are encouraged to complete regular revision in the lead up to this assessment task, this includes completing all CANVAS activities and reviewing available resources and utilising ATOMI.

The marking criteria will be supplied to students on the return of their examination paper. All marking will adhere to the strict marking criteria with each question marked by a specific teacher.

Outcome Mapping

Question	Marks	Content	Outcome
1	1	Module 2: Organisation of Cells	BIO11-9
2	1	Module 3: Evolution – the Evidence	BIO11-10
3	1	Module 3: Effects of the Environment on Organisms	BIO11-10
4	1	Module 2: Transport	BIO11-9
5	1	Module 2: Organisation of Cells	BIO11-9
6	1	Module 2: Organisation of Cells	BIO11-9
7	1	Module 3: Evolution – the Evidence	BIO11-10
8	1	Module 3: Theory of Evolution by Natural Selection	BIO11-10
9	1	Module 3: Theory of Evolution by Natural Selection	BIO11-10
10	1	Module 2: Nutrient and Gas Requirements	BIO11-8
11	1	Module 4: Population Dynamics	BIO11-11
12	1	Module 3: Evolution – the Evidence	BIO11-10
13	1	Module 4: Population Dynamics	BIO11-11
14	1	Module 1: Cell Structure	BIO11-8
15	1	Module 2: Transport	BIO11-9
16 (a)	1	Module 1: Cell Function	BIO11-8
16 (b)	2	Module 1: Cell Function (skills)	BIO11-8
16 (c)	2	Module 1: Cell Function (skills)	BIO11-8
16 (d)	2	Module 1 Cell Function (skills)	BIO11-8
17	6	Module 2: Nutrient and Gas Requirements	BIO11-8
18	4	Module 3: Theory of Evolution by Natural Selection	BIO11-10
19	2	Module 3: Evolution – the Evidence	BIO11-10
20	3	Module 3: Theory of Evolution by Natural Selection	BIO11-10
21 (a)	3	Module 3: Effect of Environment on Organisms	BIO11-11
21 (b)	1	Module 3: Effects of Environment on Organisms	BIO11-11
21 (c)	3	Module 3: Effects of Environment on Organisms	BIO11-11
22	2	Module 1: Cell Function	BIO11-9
23	3	Module 1: Cell Structure	BIO11-8
24 (a)	3	Module 4: Population Dynamics	BIO11-11
24 (b)	2	Module 4: Population Dynamics	BIO11-11
24 (c)	1	Module 4: Population Dynamics	BIO11-11
24 (d)	2	Module 4: Population Dynamics	BIO11-11
24 (e)	4	Module 4: Population Dynamics	BIO11-11
25 (a)	2	Module 2: Transport	BIO11-9
25 (b)	2	Module 2: Transport	BIO11-9
25 (c)	2	Module 2: Transport	BIO11-9
26	8	Module 3: Effects of the Environment on Organisms	BIO11-10