MapleMind

File 2
Practice exam

Alberta | Grade 12

Biology 30 Diploma Examination

Practice set 1 Student booklet

In this practice exam · 3 hours in all

1	**Machine-scored questions**	60 questions on 6 texts

Before you start

- You have 3 hours to finish.
- You may take up to 3 more hours.
- You may use an approved calculator.
- Use the reference pages whenever you need them.

Your initials or class number
Not your student number

_____

Sample



Finished? Ask an adult to photograph your pages.
MapleMind marks them and shows what to practise next.

Part 1

Machine-scored questions

Questions 1 to 60

Festival Health-Tent Cards

Questions 1 to 2

At the fictional Northlight music festival, biology students examined five anonymous cards in a health tent. One described a brain region linked to a small structure just below it, with signals that guide several other hormone-producing organs. A second noted an iodine-using, two-lobed structure at the front of the neck. A third mentioned four tiny bodies on the back of that structure, monitoring calcium levels. Another placed paired hormone-releasing organs atop the kidneys. The last described clusters of cells in the pancreas that release substances affecting blood glucose. No card gave its organ's name.

1 Complete the statements about the festival health-tent cards.

Circle one choice for each blank.

The second card describes [1] _____. The third card describes [2] _____. The fourth card describes [3] _____. The last card describes [4] _____.

Blank 1 the pancreatic islet cells / the thyroid gland / the adrenal glands / the parathyroid glands

Blank 2 the thyroid gland / the adrenal glands / the pancreatic islet cells / the parathyroid glands

Blank 3 the pancreatic islet cells / the adrenal glands / the thyroid gland / the parathyroid glands

Blank 4 the thyroid gland / the adrenal glands / the parathyroid glands / the pancreatic islet cells

Sample

Answer key

Practice set 1. Add up the marks on the score sheet, page 8.

A question with several parts earns its mark only when every part is right.

Part 1 · Machine-scored questions

1 mark each · 60 marks

No.	Answer	Mark	What it tests	Page
1	[illegible]	1	Nervous and Endocrine Systems (GO A1, A2)	2
2	[illegible]	1	Nervous and Endocrine Systems (GO A1, A2)	3
3	[illegible]	1	Nervous and Endocrine Systems (GO A1, A2)	4
4	[illegible]	1	Nervous and Endocrine Systems (GO A1, A2)	5
5	[illegible]	1	Nervous and Endocrine Systems (GO A1, A2)	7
6	[illegible]	1	Nervous and Endocrine Systems (GO A1, A2)	9
7	[illegible]	1	Nervous and Endocrine Systems (GO A1, A2)	10

Sample

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File 1
Start here

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Biology 30 Diploma Examination

The guide for students and adults

For the student

What to expect	Page 2
Your skills	Page 3
Your study plan	Page 7
How to study	Page 8
Your progress	Page 9
Exam day	Page 10

For the adult

How to print it, run it and mark it	Page 11
Answer keys Keep these files away from the student.	File 3

In your download

File 1	Start here (this guide)
File 2	Practice exam, Set 1
File 3	Answer key, Set 1
File 4	Reference sheet
Study plan	To your exam date, when you gave one
Code list	Who has each copy, for a class



Start with page 2, together if you can.
Your study plan is on page 7.

Sample