MapleMind

File 2
Practice exam

Alberta | Grade 12

Science 30 Diploma Examination

Practice set 1 Student booklet

In this practice exam · 3 hours in all

1	**Machine-scored questions**	55 questions on 4 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 55

1 During an infection, immune cells coordinate to respond to a foreign antigen. Match each immune-response role to its description.

Write the letter of the matching item in each box.

A Destroys infected body cells.

B Makes antibodies that bind to the foreign antigen.

C Engulfs an invader and presents its antigen.

D One slows the response; the other remains for a faster response to later exposure.

E Activates and coordinates the specific immune response.

Macrophage ☐

Helper T cell ☐

B cell and antibodies ☐

Killer T cell ☐

Suppressor T cell and memory cell ☐

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 · 55 marks

No.	Answer	Mark	What it tests	Page
1	[illegible]	1	Circulatory and immune systems (GO A1, A2)	2
2	[illegible]	1	Circulatory and immune systems (GO A1, A2)	3
3	[illegible]	1	Circulatory and immune systems (GO A1, A2)	3
4	[illegible]	1	Circulatory and immune systems (GO A1, A2)	4
5	[illegible]	1	Circulatory and immune systems (GO A1, A2)	5
6	[illegible]	1	Circulatory and immune systems (GO A1, A2)	6
7	[illegible]	1	Circulatory and immune systems (GO A1, A2)	7
8	[illegible]	1	Heredity and molecular genetics (GO A3)	8

Sample

MapleMind

File 1
Start here

Alberta · Grade 12

Science 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 9
How to study	Page 10
Your progress	Page 11
Exam day	Page 12

For the adult

How to print it, run it and mark it	Page 13
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 9.

Sample