MapleMind

File 2
Practice exam

newfoundland | Grade 12

Biology 3201 Public Exam

Practice set 1 Student booklet

In this practice exam

1	**Selected Response**	80 questions	3 hours

Before you start

- Read each question carefully before you answer.
- You have 3 hours to finish.
- You may use an approved calculator.
- Use the reference pages whenever you need them.

Your initials or class number
Not your student number

_____



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

Sample

Part 1

Selected Response

Questions 1 to 80

1 During lily pollen formation, two cells are observed at metaphase I. The table shows which homologue of each pair faces the same designated pole.

Which process that generates genetic variation is illustrated?

Homologues facing a designated pole

Chromosome pair	Cell P	Cell Q
Long pair	Maternal	Maternal
Short pair	Maternal	Paternal

- ◯ **A** Separation of sister chromatids
- ◯ **B** Independent assortment of homologous chromosomes
- ◯ **C** Crossing over between homologous chromosomes
- ◯ **D** Formation of new alleles by mutation

2 The table summarizes a fertility treatment used at a clinic.

Which reproductive technology is described?

Treatment stages

Stage	Location
Egg collection	From ovaries
Fertilization	In a laboratory
Embryo transfer	Into uterus

- ◯ **A** Fertility-drug treatment
- ◯ **B** Egg freezing
- ◯ **C** In vitro fertilization
- ◯ **D** Artificial insemination

Sample

For the adult

Answer key

File 3
Answer key

Practice set 1. Add up the marks on the score sheet, page 7.

Part 1 · Selected Response

1 mark each · 80 marks

No.	Answer	Mark	What it tests	Page
1	[illegible]	1	Reproduction	2
2	[illegible]	1	Reproduction	2
3	[illegible]	1	Reproduction	3
4	[illegible]	1	Reproduction	3
5	[illegible]	1	Reproduction	4
6	[illegible]	1	Reproduction	4
7	[illegible]	1	Reproduction	5
8	[illegible]	1	Reproduction	5
9	[illegible]	1	Reproduction	6
10	[illegible]	1	Reproduction	6
11	[illegible]	1	Reproduction	7
12	[illegible]	1	Reproduction	7
13	[illegible]	1	Reproduction	8
14	[illegible]	1	Reproduction	9
15	[illegible]	1	Reproduction	10
16	[illegible]	1	Reproduction	10

Sample

MapleMind

File 1
Start here

newfoundland | Grade 12

Biology 3201 Public Exam

The guide for students and adults

For the student

What to expect	Page 2
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Your progress	Page 8
Exam day	Page 9

For the adult

How to print it, run it and mark it	Page 10
Answer keys	File 3

Keep these files away from the student.

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 6.

Sample