

NAME: \_\_\_\_\_

YEAR LEVEL : \_\_\_\_\_

**RATU NAVULA COLLEGE**  
**YEAR 12 TRIAL EXAMINATION 2020**  
**PHYSICS**  
**ANSWER BOOK**

**HAND IN THIS ANSWER BOOK TO THE SUPERVISOR  
BEFORE YOU LEAVE THE EXAMINATION ROOM.**

**INSTRUCTIONS**

1. Write **all** your answers in the appropriate places in this **Answer Book**.
2. Write all your answers with a blue or black ball-point or ink – pen. Do **not** use pencil or red ink.
3. If you require more paper, ask the supervisor for extra sheets. Staple these inside the **Answer Book** in the appropriate places.
4. Before leaving the examination room, make sure that you write your **INDEX NUMBER** at the top of this **Answer Book** .

**Marks  
Gained:**

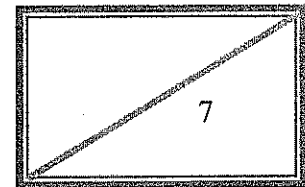
**STRAND 1**  
**Section A**

**MECHANICS**  
**Multiple Choice**

**(40 MARKS)**  
**(7 marks)**

Circle the letter which represents the best answer to each question.

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D



**Section B**

**Short Answer Questions**

**(33 Marks)**

8. (i)

**(1 mark)**

(ii)

**(1 mark)**

(iii)

**(1 mark)**

9.

**(2 marks)**

10.

**(2 marks)**

11.

**(2 marks)**

12.

**(1 mark)**

13. (i)

(1 mark)

(ii)

(1 mark)

(iii)

(2 marks)

14. (i)

(1 mark)

(ii)

(2 marks)

(iii)

(1 mark)

15. (i)

(1 mark)

(ii)

(2 marks)

16. (i)

(1 mark)

(ii)

(1 mark)

17.

**(2 marks)**

18. (i)

**(1 mark)**

(ii)

**(1 mark)**

19. (i)

**(1 mark)**

(ii)

**(2 marks)**

20. (i)

(1 mark)

(ii)

(1 mark)

(iii)

(1 mark)

**STRAND 2****ENERGY****(10 MARKS)****Section A****Multiple Choice**

Circle the letter which represents the best answer to each question.

1	A	B	C	D
2	A	B	C	D

**Section B**

**Short Answer Questions**

**(8 Marks)**

3. (i)

**(1 mark)**

(ii)

**(1 mark)**

4. (i)

**(2 marks)**

(ii)

**(2 marks)**

5. (i)

**(1 mark)**



(ii)

(1 mark)

**STRAND 3****FLUIDS****(8 MARKS)****Section A****Multiple Choice**

Circle the letter which represents the best answer to each question.

1	A	B	C	D
2	A	B	C	D

**Section B****Short Answer Questions****(6 Marks)**

3. (i)

(ii)

**(1 mark)****(1 mark)**

4.

**(2 marks)**



(ii)

(1 mark)

(iii)

(1 mark)

5. (i)

(1 mark)

(ii)

(1 mark)

(iii)

(1 mark)

**STRAND 5****ELECTRICITY****(14 MARKS)****Section A****Multiple Choice**

Circle the letter which represents the best answer to each question.

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D

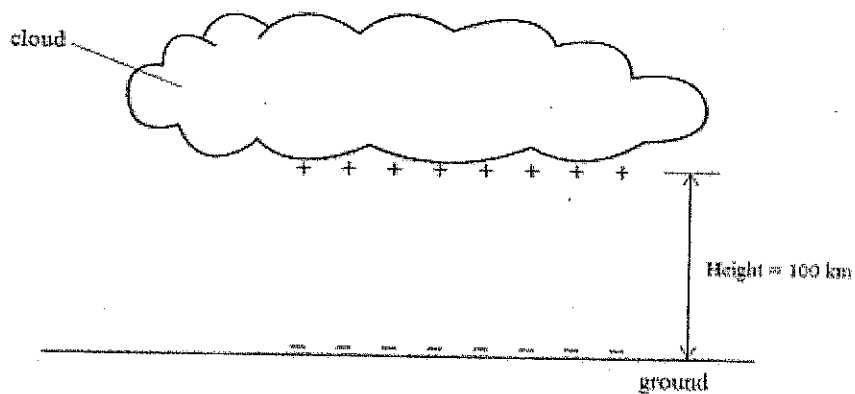
**Section B****Short Answer Questions****(11 Marks)**

4. (i)

(ii)

**(1 mark)****(1 mark)**

5. (i)

**(1 mark)**

(ii)

(1 mark)

(iii)

(1 mark)

6. (i)

(1 mark)

(ii)

(1 mark)

7. (i)

(1 mark)

(ii)

(1 mark)

8. (i)

(ii)

(1 mark)

(1 mark)

**STRAND 6****ELECTROMAGNETISM****(8 MARKS)****Section A****Multiple Choice**

Circle the letter which represents the best answer to each question.

1	A	B	C	D
2	A	B	C	D

Section B

Short Answer Questions

(8 Marks)

3. (i)

A:

B:

(2 marks)

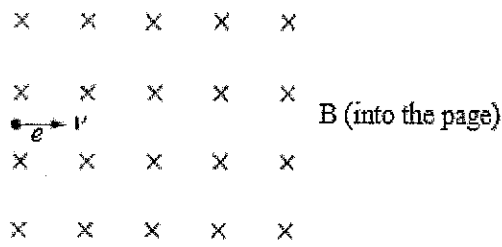
(ii)

(iii)

(1 mark)

(1 mark)

4. (i)



(1 mark)

(ii)

(1 mark)

(iii)

(1 mark)

5.

(1 mark)

**STRAND 7****ATOMIC PHYSICS****(8 MARKS)****Section A****Multiple Choice**

Circle the letter which represents the best answer to each question.

1	A	B	C	D
2	A	B	C	D

**Section B****Short Answer Questions****(6 Marks)**

3. (i)

**(1 mark)**

(ii)

**(1 mark)**



(iii)

(1 mark)

4.

(1 mark)

5. (i)

(1 mark)

(ii)

(1 mark)

**THE END**