

GRADE 11 PHYSICAL SCIENCES NOVEMBER EXAMINATION PAPER 1: PHYSICS

SECTION A. QUESTION 1

Various options are provided as possible present to the following questions. Droose the correct answer and write ONLY the LETTER (A-D) must to the ONLYTON NAMEER in your answer took.

- 3.1 No example of a vector quantity:
 - A which
 - distincement
 - C. speed.
 - D. Committee
- 1.2 A boy also on a drain. Granitational force pulls from down, the force that length from moving down would be:
 - A Million
 - applied force
 - C grady
 - pomattee
- 1.3 Two forces F, and F, have a not force of 120N if they act in the same direction and are balanced if they act in the opposite direction. The individual tenses of F, and F, will be:

- A 70% and 50%
- 5 SERVICE
- C REMARKS
- 80% and 40%

the the choult diagram below to answer QUESTONS 1.8 and 1.5.



- 1.6 The voltage over the capable resistors will be
 - A 5
 - B 795
 - \$ 26
 - 0 56
- 5.5 The total resistance of the crossl that ensistes were identical with a resistance of 20.
 - A 5005
 - 8 650
 - 0 50
 - 6 60
- Abox is pushed forward with a force of ZSSN but does not move. A possible reason for this is that
 - A Noticeal base is also 2006.
 - Notional base is now than 2006.
 - C Festional force is less than 2009.
 - nove of the laborer
- 5.7 The diagram below shown a coil and a magnet with a pole \$\mathbb{P}\$ it magnetic field is included in the coil due to the enclose of the magnet.



Iffect ONE of the following controptions will result in an induced magnetic field with NORTH POLE at point \$

	DIRECTION OF MOTION DI MAGNET	POLARTY OF P
ж.	Min Person.	North
	Lip and steen made the col	N/O
	Partie on	South
	Lip and given tracks the col-	South

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