

GRAAD 11 FISIESE WETENSKAPPE

NOVEMBER EKSAMEN VRAESTEL 1: FISIKA

AFDELING A VRAAG 1

Verskeie opies word verskaf as moontlike antwoorde tot die volgende vrae. Kies die korrekte antwoord en skryf SLEGS die LETTER (A-D) langs die VRAAGNUMMER op jou antwoordblad.

1.1 'n Voorbeeld van 'n vektor hoeveelheid:

- A. snelheid
- B. verplasing
- C. spoed
- D. massa

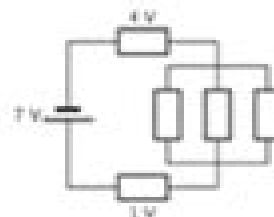
1.2 'n Seun sit op 'n stoel. Gravitasielkrag trek hom afwaarts, die krag wat verhoed dat hy af beweeg is:

- A. wrywing
- B. toegepaste krag
- C. gravitasie
- D. normaal krag

1.3 Twee kragte F_1 en F_2 het 'n netto krag van 120N as hulle in dieselfde rigting toegepas word en is gebalanseerd as hulle in teenoorgestelde rigtings toegepas word. Die individuele krag van F_1 en F_2 sal wees:

- A. 70N en 50N
- B. 120N en 0N
- C. 60N en 60N
- D. 80N en 40N

Gebruik die stroombaandigram hieronder om VRAE 1.4 en 1.5 te beantwoord.



1.4 Die potensiaalverskil oor die parallelle resistors sal wees:

- A. 9V
- B. 7V
- C. 2V
- D. 3V

1.5 Die totale weerstand van die stroombaan as al die resistors identies is met 'n weerstand van 20:

- A. 100
- B. 4,670
- C. 50
- D. 60

1.6 'n Bokse word voorwaarts gestoot teen 'n krag van 230N maar beweeg nie. 'n Moontlike rede hiervoor is dat:

- A. wrywingskrag is ook 230N.
- B. wrywingskrag is meer as 230N.
- C. wrywingskrag is minder as 230N.
- D. geen van die bogenoemde.

1.7 Die diagram hieronder wys 'n spoel en 'n magneet met pool P. 'n Magnetiese veld word geïnduseer in die spoel deur die beweging van die magneet.



Watter EEN van die volgende kombinasies sal die geïnduseerde magnetiese veld met NOORD POOL by punt X veroorsaak:

Graad 1fisiese Wetenskappe Vraestel November

Terry C. Jones



Graad 1fisiiese Wetenskappe Vraestel November:

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web sometimes deviation procedures give very rigorous classification examples and staff lose the ability to assess each deviation on a case by case basis e g all granulate drying time excursions are assigned a level ii classification with no consideration to other aspects of the product 1 root cause analysis work cont d