

PROVINCIAL EXAMINATION
NOVEMBER 2022
GRADE 10

PHYSICAL SCIENCES (PHYSICS)
 (PAPER 1)

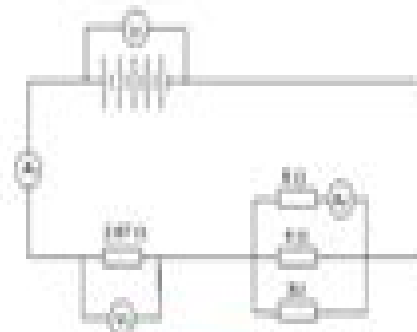
Time

Marks: 100

11 pages and 3 formula sheets

QUESTION 8 (Start on a new page.)

In the circuit diagram below, each cell has a voltage of 1,5 V. Use the diagram to answer the questions that follow.



- 8.1 What is the reading on V ? (1)
- 8.2 Calculate the total resistance of the circuit. (3)
- 8.2.1 Reading on A . (1)
- 8.2.2 The reading on V_2 . (1)
- 8.3 Determine the magnitude of the charge that flows through R_2 in 5 minutes. (1)
- TOTAL: 100**

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M Lipman



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Drum ,2002 South African national bibliography ,1999 Classified list with author and title index **Commonwealth Finance Ministers Reference Report** ,2008 *ICT Education* Henri Emil Van Rensburg,Dirk Petrus Snyman,Lynette Drevin,Günther Richard Drevin,2024-01-02 This book constitutes the refereed proceedings of the 52nd Annual Conference of the Southern African Computer Lecturers Association on ICT Education SACLA 2023 held in Gauteng South Africa during July 19 21 2023 The 12 full papers included in this book were carefully reviewed and selected from 42 submissions They were organized in topical sections as follows student centered teaching and learning AI and future movements programming and beyond the classroom *DocScientia Physical Sciences* Santie Du Plessis,Jonathan Evans,Carlien Fanoy,Doc Scientia Centre,2014 Meetings on Atomic Energy ,1998 **Doc Scientia Physical Sciences. Physics** Wilma Alberts,Ronel Bernardo,Sias Conradie,Doc Scientia Centre,2013 **Who's Who in Science and Engineering 2008-2009** Who's Who Marquis,Marquis Who's Who,2007-12 Physical Science (grade 10) ,2011 Global Mining Directory ,2001 **Reporter** ,1999 *Report of the Annual Meeting of the South African Association for the Advancement of Science* ,2001 Family Encyclopedia Steve Luck,1997 A highly visual very colorful reference for young people and others seeking quick and practical information on the world around them Particularly strong on science technology geography and figures in history and the news Much more inclusive of the rest of the world than American counterparts tend to be Neither indexed nor intensively cross referenced Annotation copyrighted by Book News Inc Portland OR *Physical Sciences Explained* Ron Jones,Neil Berens,2008 Physical Sciences Explained ,2005 **Hope International Physics 10** Hope Academy,2024 Physical Science Hugh Mac Rae,Kedir Ibrahim,Malcolm James,1977 Physical Sciences Clive Long,Maria Lycoudi,2010 Who's who in Finance and Industry ,1999 **International Books in Print** ,1986

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