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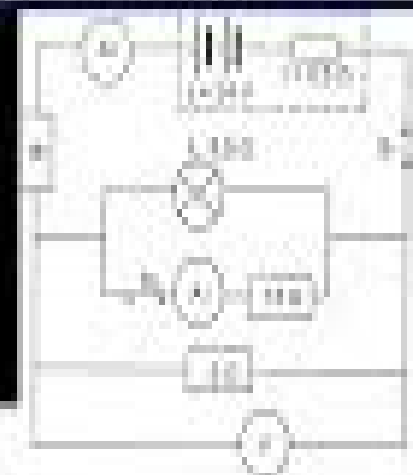
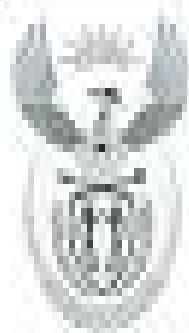
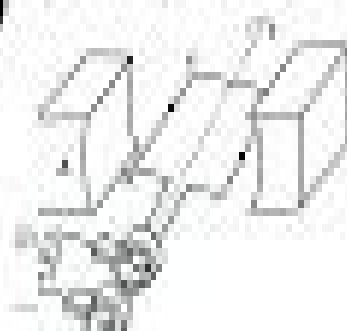


Figure 1 is a circuit diagram used for Question 1. The voltmeter is connected in parallel with the battery.

1.1 (1 mark)
State the meaning of parallel connection of components.
Answer: When two or more components are connected in such a way that the current can flow through more than one path.



- 2.1 (1 mark) Calculate the moment of the weight about the pivot.
2.2 (2 marks) Calculate the magnitude of the force F required to keep the beam in equilibrium.



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Sabine Zange



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#NoFly Shaun Hendy, 2019-10-24 By avoiding planes for a year I found that I had cut my carbon dioxide emissions from travel to just over 1 tonne This was a reduction of 95 per cent from my 2017 carbon footprint from travel It felt good What happens when a leading New Zealand scientist and frequent traveller rules out flying for a year From overnight buses to epic train journeys Shaun Hendy's experiences speak to our desire to do something anything in the face of growing climate anxiety NoFly confronts the hard questions of one person's attempt to adapt Was this initiative merely symbolic Did it compromise his work his life And has it left him feeling more optimistic that we can indeed reach a low emissions future

United States of America Congressional Record, Proceedings and Debates of the 113th Congress Second Session Volume 160 - Part 4 , **Congressional Record** United States. Congress, 2014 *Bulletin of the Atomic Scientists* , 1995-09

Globalization Development and Social Justice Ann El Khoury, 2015-03-27 Are there existing alternatives to corporate globalization What are the prospects for and commonalities between communities and movements such as Occupy the World Social Forum and alternative economies Globalization Development and Social Justice advances the proposition that another globalization is not only possible but already exists It demonstrates that there are multiple pathways towards development with social justice and argues that enabling propositional agency rather than oppositional agency such as resistance is a more effective alternative to neoliberal globalization El Khoury develops a theory of infraglobalization that emphasizes creative constitution not just contestation of global and local processes The book features case studies and examples of diverse economic practice and innovative emergent political forms from the Global South and North These case studies are located in the informal social economy and community development as well as everyday practices from prefigurative politics to community cooperatives and participatory planning This book makes an important contribution to debates about the prospects for and practices of a transformative grassroots globalization and to critical debates about globalization and development strategies It will be of interest to students and scholars of international relations globalization social movement studies political and economic geography sociology anthropology and development studies **Foreign Service** , 1935

Intelligence Mark M. Lowenthal, 2025-08-06 Now in its landmark Tenth Edition Mark M Lowenthal's trusted guide Intelligence is the go to resource for understanding how the intelligence community's history structure procedures and functions affect policy decisions In the new edition the author addresses the implications of new technologies like artificial intelligence the intensified great power competition around the world and updates in cyber intelligence as well as offering significant updates in the chapter on foreign intelligence services

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