GRADE 10 PHYSICAL SCIENCES PAPER 2 Memorandum

JUNE 2023

QUESTION 1

1.1. C Y

1.2. D

1.4. A

1.5. A --

[10]

QUESTION 2

- 2.1.
- 2.1.1. A pure substance is a substance that cannot be separated into simpler components by physical methods.
- 2.1.2.1 Element <
- 2.1.2.2 Consists of only one type of atom.
- 2.1,2.3 It is a combination of different metals (copper and zinc).
- 2.2. Pots and pans are made of metal, because metal is a good <u>conductor</u> which allows heat to be transferred so that food can cook. The handles are <u>insulators</u> so that you do not burn your hands when you pick up a hot pot.
- 2.3.1. (a) Temperature 🗸
- (b) Time
 2.3.2. Boiling point is the temperature of a liquid at which its vapour pressure equals to the external (atmospheric) pressure
- 2.3.3. The temperature remains constant because the energy is absorbed by the molecules. 🗸

The strength of the intermolecular forces between the molecules decreases.

The particles move faster and spaces between the particles increases.

The substance changes phase from liquid to gas

[15]

Grade 10 Physical Science Memorandum June 2013

Tom Weyant

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ICEL2015-10th International Conference on e-Learning Dr Carlton Watson, 2015-06-12 These proceedings represent the work of researchers participating in the 10th International Conference on e Learning ICEL 2015 which is being hosted this year by the College of the Bahamas Nassau on the 25 26 June 2015 ICEL is a recognised event on the International research conferences calendar and provides a valuable platform for individuals to present their research findings display their work in progress and discuss conceptual advances in the area of e Learning It provides an important opportunity for researchers and managers to come together with peers to share their experiences of using the varied and expanding range of e Learning available to them With an initial submission of 91 abstracts after the double blind peer review process there are 41 academic Research papers and 2 PhD papers Research papers published in these Conference Proceedings These papers come from some many different countries including Australia Belgium Brazil Canada China Germany Greece Hong Kong Malaysia Portugal Republic of Macedonia Romania Slovakia South Africa Sweden United Arab Emirates UK and the USA A selection of the best papers those agreed by a panel of reviewers and the editor will be published in a conference edition of EJEL the Electronic Journal of e Learning www ejel com These will be chosen for their quality of writing and relevance to the Journal's objective of publishing papers that offer new insights or practical help into the World Congress on Medical Physics and Biomedical Engineering, June 7-12, 2015, application e Learning **Toronto, Canada** David A. Jaffray, 2015-07-13 This book presents the proceedings of the IUPESM World Biomedical Engineering and Medical Physics a tri annual high level policy meeting dedicated exclusively to furthering the role of biomedical engineering and medical physics in medicine The book offers papers about emerging issues related to the development and sustainability of the role and impact of medical physicists and biomedical engineers in medicine and healthcare It provides a unique and important forum to secure a coordinated multileveled global response to the need demand and importance of creating and supporting strong academic and clinical teams of biomedical engineers and medical Independent Schools Yearbook 2012-2013 none, 2013-06-20 The highly physicists for the benefit of human health respected book of reference of sought after Independent Schools in membership of the Independent Schools Council s Associations HMC GSA The Society of Heads IAPS ISA and COBIS Fat Talk Virginia Sole-Smith, 2023-04-25 NEW YORK TIMES BESTSELLER A Book Riot best book of 2023 A Science Friday best book of 2023 An Audible best well being audiobook of 2023 By the time they reach kindergarten most kids believe that fat is bad By middle school more than a guarter of them have gone on a diet What are parents supposed to do Kids learn as we ve all learned that thinness is a survival strategy in a world that equates body size and value Parents worry if their kids care too much about being thin but even more about the consequences if they aren t And multibillion dollar industries thrive on this fear of fatness We ve fought the war on obesity for over forty years and Americans aren t thinner or happier with their bodies But it s not our kids or their

weight who need fixing In this illuminating narrative journalist Virginia Sole Smith exposes the daily onslaught of fatphobia and body shaming that kids face from school sports doctors diet culture and parents themselves and offers strategies for how families can change the conversation around weight health and self worth Fat Talk is a stirring deeply researched and groundbreaking book that will help parents learn to reckon with their own body biases identify diet culture and empower their kids to navigate this challenging landscape Sole Smith draws on her extensive reporting and interviews with dozens of parents and kids to offer a provocative new approach for thinking about food and bodies and a way for us all to work toward a more weight inclusive world Weighted Bergman Spaces Induced by Rapidly Increasing Weights Jose Angel Pelaez, Jouni Rattya, 2014-01-08 This monograph is devoted to the study of the weighted Bergman space Ap omega of the unit disc mathbb D that is induced by a radial continuous weight omega satisfying limer to 1 frac interest of the results of t 1 r infty Every such A p omega lies between the Hardy space H p and every classical weighted Bergman space A p alpha Even if it is well known that H p is the limit of A p alpha as alpha to 1 in many respects it is shown that A p omega lies closer to H p than any A p alpha and that several finer function theoretic properties of A p alpha do not carry over to A p The Complete Book of Colleges, 2017 Edition Princeton Review, 2016-07 The MEGA GUIDE to 1 355 omega COLLEGES AND UNIVERSITIES No one knows colleges better than The Princeton Review Inside The Complete Book of Colleges 2017 Edition you ll find meticulously researched information that will help you narrow the search for the best college for you Each of the 1 355 user friendly profiles answers your questions including How much are tuition and other student fees and costs What types of financial aid are available and when are the applications due What do admissions officers most look for in test scores and recommendations Which majors are the most popular and have the highest enrollment What is the housing like and how accessible is technology on campus What are the key campus organizations athletics and student activities How selective is the school Plus Indexes based on cost selectivity and size that will help you narrow your search Get a leg up on your college search with this easy to use comprehensive and savvy guidebook from the **Ploughshares and Swords** Jayita Sarkar, 2022-07-15 India s nuclear program is often experts at The Princeton Review misunderstood as an inward looking endeavor of secretive technocrats In Ploughshares and Swords Jayita Sarkar challenges this received wisdom narrating a global story of India's nuclear program during its first forty years The book foregrounds the program s civilian and military features by probing its close relationship with the space program Through nuclear and space technologies India's leaders served the technopolitical aims of economic modernity and the geopolitical goals of deterring adversaries The politically savvy transnationally connected scientists and engineers who steered the program obtained technologies materials and information through a variety of state and nonstate actors from Europe and North America including both superpowers They thus maneuvered around Cold War politics and the choke points of the nonproliferation regime Hyperdiversification increased choices for the leaders of the nuclear program but reduced democratic accountability

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