

GRADE 10 PHYSICAL SCIENCES MARCH TEST

QUESTION 1

Various options are provided as possible answers to the following-questions. Choose the correct answer and write ONLY the LETTER (A-D) next to the QUESTICR NUMBER (1.1-1.5) on your folio paper. Example 1.6. D.

- 1.1 A positively charged object has:
 - A recognition products
 - O ALTONOMIC TO STATE
 - C Anti-
 - D. Association Conferms
- 1.2 Which one of the following types of electromagnetic waves has the LONGEST wavelength?
 - A Contract of
 - A COLUMN
 - C. Marine
 - 0
- 1.3 In which CNE of the following-do sound waves travel the FASTEST?
 - A Section
 - A
 - 0
 - 0
- 1.4 The Shunit for charge is the ...
 - 4 4
 - 8
 - 0.00
 - A
- 1.5 The relationship between voltage and work done is:
 - A COURT
 - 8 Premiorary South
 - C PERSONAL PROPERTY.
 - b) b) (c) (c) (c) (d)

0000

QUESTION 2

Below is a representation of two waves consisting of continuous pulses. Study it carefully and answer the questions that follow.



- 2.1 Define a pube.
 - 2 Identify the type of waves illustrated above as Till
- meditable discussion by a second
- 2.3 Which one of the two waves, P or Q, has the greatest amplitude? (1)
- 2.4 For Hove Q:
 - 2.3.1 What is the magnitude of its wavelength in metres? (1)
 - 232 State Remember of Facility (f)
 - 233
- 2.5 If the waves were sent towards each other and allowed to collide.
 - 251 consequences of the control of t

QUESTION 3:

3.1 The diagram below shows different points on a longitudinal wave.



311 Posts 18-66-2 7-47

- (4)

2[Fags Grade 10 FREEDOM TOTAL

Physical Science Grade 2014 Question Papers And Answers

Norman Reid, Khaled Ahmed Al-Madani, Fatheya Mahmood Al-Ahmadi

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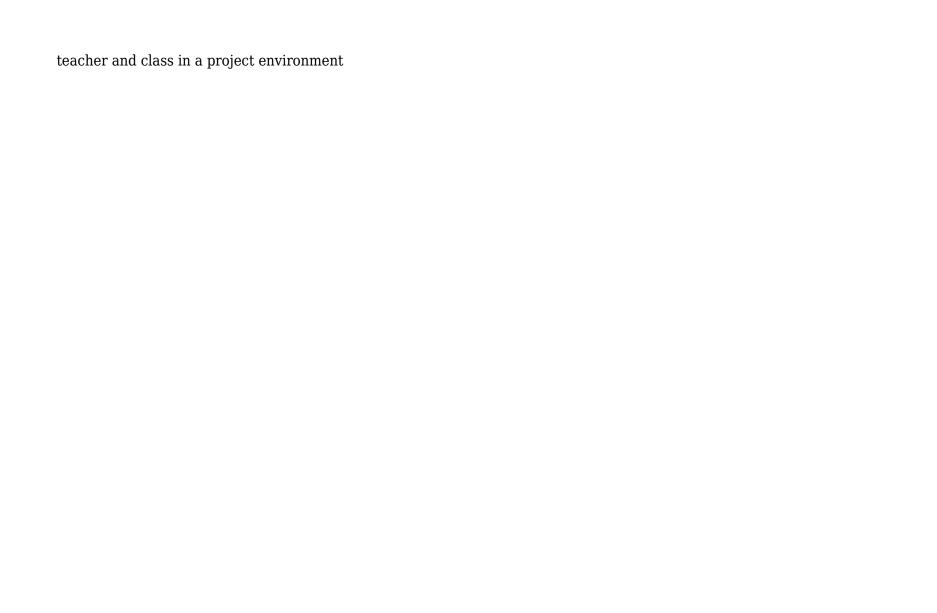
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in Science STEM education Developing Science Teaching and Assessment and History Philosophy and Sociology of Science Engineering and Informal Learning Through the various sections the book presents empirical studies in science and engineering classrooms or laboratories puts forward a framework for problem based learning provides an account of a prominent scientist's efforts in promoting practical science through analysis of historical documents and uncovers trends in informal science learning space research through a review of literature Each section is introduced by a commentary with further insights and thought provoking questions on ideas raised in the chapters The book also includes a Notes to Our Future Colleagues section in each chapter which presents readers with a collective vision for the state of science education research in the year 2050 Spectrum Science, Grade 3 Spectrum, 2014-08-15 Cultivate a love for science by providing standards based practice that captures children's attention Spectrum Science for grade 3 provides interesting informational text and fascinating facts about elements compounds irrigation animal habitats and the invention of radio When children develop a solid understanding of science they re preparing for success Spectrum Science for grades 3 8 improves scientific literacy and inquiry skills through an exciting exploration of natural Earth life and applied sciences With the help of this best selling series your little scientist can discover and appreciate the extraordinary world that surrounds them Teaching in Science and Mathematics Amy D. Robertson, Rachel Scherr, David Hammer, 2015-10-05 Answering calls in recent reform documents to shape instruction in response to students ideas while integrating key concepts and scientific and or mathematical practices this text presents the concept of responsive teaching synthesizes existing research and examines implications for both research and teaching Case studies across the curriculum from elementary school through adult education illustrate the variety of forms this approach to instruction and learning can take what is common among them and how teachers and students experience it The cases include intellectual products of students work in responsive classrooms and address assessment methods and issues Many of the cases are supplemented with online resources http www studentsthinking org rtsm including classroom video and extensive transcripts providing readers with additional opportunities to immerse themselves in responsive classrooms and to see for themselves what these environments look and feel like Answers to Your Biggest Questions About Teaching Secondary Science Karen Mesmer, Enya Granados, Kevin Gant, Laura Shafer, Ayanna D. Perry, 2024-01-16 Your guide to grow and flourish as a science teacher The past two decades have seen a paradigm shift in science education thanks in large part to the Next Generation Science Standards NGSS which advocate a move away from procedural lab investigations and direct instruction and toward increased emphasis on reasoning sensemaking phenomena exploration problem solving and collaboration Under this new paradigm students are learning real science as scientists practice it so that more and more students are actively investigating questions and pursuing solutions of their own making As part of the Five to Thrive series for early career educators this comprehensive guide provides those who are new to teaching science as well as seasoned teachers looking to enhance their

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