

## GRADE 11 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 QUESTION NUMBER (1.1-1.6) on your folio paper. Example 1.7. D.

- 1.1 The graphs below show the relationship between the net force and the acceleration for two masses X and Y.



Which one of the following statements is true?

- A X has a greater mass.
  - B The bodies have equal mass.
  - C Y has a greater mass.
  - D The mass would not affect the gradient of the graph.
- 1.2 In which of the following cases would the resultant force acting on an object be equal to 0N.
- A An object moving with constant acceleration.
  - B When the only force acting on the object is gravitational acceleration.
  - C An object that undergoes equal displacements every second.
  - D An object is moving with increasing acceleration.
- 1.3 Which of the statements below best describes Weightlessness?
- A An object moving at constant velocity upwards from the ground.
  - B An object moving at constant velocity downwards from the ground.
  - C An object that is accelerated upwards away from the ground by a constant applied force.
  - D An object accelerates downwards towards the Earth with an acceleration of  $9.8\text{m}\cdot\text{s}^{-2}$ .
- 1.4 The inertia of an object ...
- A is greater if its mass is smaller.
  - B increases as the applied force on the object increases.
  - C is the resistance to any change in its state of motion.
  - D increases as the frictional force on the object increases.
- 1.5 An astronaut has a weight  $F_g$  on Earth. What distance, in terms of the radius of

# Physical Science Informal Test

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A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the 'EduGorilla Prep Experts' text.

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*Teaching of physical science* Swati Tyagi, 2024-04-29 The book titled teaching of Physical Science is a complete text cum reference book for all the science pupil teachers who are pursuing their B Ed in any teacher training institutes This book includes all the latest prescribed contents It highlights the methodologies strategies and techniques for teaching physical sciences It focuses on the main points for preparing lesson plans and micro lesson plans A sufficient emphasis has been given to the pedagogical analysis with various examples It also includes the latest concept of NEP 2020 including holistic development and experiential learning This book also covers the latest blended learning teaching strategy and online learning that had been prevalent during COVID time If any suggestion for the improvement of the contents will be appreciated Feedback about the book can be given on st18tyagi gmail com

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*The Chemical News and Journal of Physical Science*, 1912

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**Chemical News and Journal of Physical Science**, 1906

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Bryant,2001-12-31 This book provides an overview of the theory and practice of science communication It deals with modes of informal communication such as science centres television programs and journalism and the research that informs practitioners about the effectiveness of their programs It aims to meet the needs of those studying science communication and will form a readily accessible source of expertise for communicators Chemical News and Journal of Physical Science William Crookes,James H. Gardiner,Gerald Druce,H. W. Blood-Ryan,1912 *HSSC TGT Science Exam Book (English Edition)* | Haryana Staff Selection Commission : Trained Graduate Teacher | 15 Practice Tests (1500 Solved MCQs) EduGorilla Prep Experts,2023-10-13 Best Selling Book in English Edition for HSSC TGT Science Exam with objective type questions as per the latest syllabus HSSC TGT Science Exam Preparation Kit comes with 15 Practice Tests with the best quality content Increase your chances of selection by 16X HSSC TGT Science Exam Prep Kit comes with well structured and 100% detailed solutions for all the questions Clear exam with good grades using thoroughly Researched Content by experts

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