



[Time: 3 Hours]

SEM-II / I Diploma Exam 2022 (Even)

Applied Physics-I

(P-2001102)

SEAT NO: _____

[Max. Marks: 70]

All questions are compulsory. (सभी प्रश्न अनिवार्य हैं।)

Marks are mentioned on the right side of each question. (प्रश्नों के दाईं ओर अंक बताए गए हैं।)

Group (A) (ग्रुप -A)

Q.1 Choose the most suitable answer from the following options.

(सर्वाधिक उपयुक्त विकल्प को चुनकर लिखें :-)

(1*20=20)

I. Length cannot be measured in _____

(इसे _____ से नहीं मापा जा सकता है।)

(a) Fermi (फर्मी)

(b) micron (माइक्रोन)

(c) Debye (डिबाई)

(d) Light Year (प्रकाश वर्ष)

II. ML^2T^{-3} in dimensional formulas for _____

(ML^2T^{-3} _____ की विमा है।)

(a) Force (बल)

(b) Momentum (संवेग)

(c) Power (शक्ति)

(d) Torque (बल गुण)

2nd Semester Review Physics

Alvin Halpern, Erich Erlbach



2nd Semester Review Physics:

Directory of Distance Learning Opportunities Modoc Press, Inc., 2003-02-28 This book provides an overview of current K 12 courses and programs offered in the United States as correspondence study or via such electronic delivery systems as satellite cable or the Internet The Directory includes over 6 000 courses offered by 154 institutions or distance learning consortium members Following an introduction that describes existing practices and delivery methods the Directory offers three indexes Subject Index of Courses Offered by Level Course Level Index Geographic Index All information was supplied by the institutions Entries include current contact information a description of the institution and the courses offered grade level and admission information tuition and fee information enrollment periods delivery information equipment requirements credit and grading information library services and accreditation *Joint Documents of the State of Michigan for the Year ... Michigan, 1897* Compilation from the Annual Reports of the Superintendent of Public Instruction of the State of Michigan Michigan. Department of Public Instruction, 1897 **The School Review** ,1897 *Career Pathways* Elaine Makas Howard, Elaine Makas, Pamela J. Ill, 2004 Howard and Ill have given educators a stunning encyclopedic handbook on career pathways Loaded with helpful lists and charts and written in a clear conversational tone Career Pathways is the new indispensable resource for superintendents principals counselors and teachers Elaine Johnson Honorary Fellow Huron College Career Pathways is the most comprehensive curriculum approach to achieving the dual goal of academic and career maturity High school educators who seek to promote not just college admissions but college success should consider the career pathways approach Kenneth Gray Professor Penn State University Just imagine all students in your high school taking ownership of their own learning This is exactly what happens in a student centered Pathways High School Instructionally based the Collaborative Career Pathways approach is to help all students add relevancy to their school work by preparing for the future Collaborative Pathway High Schools allow students to self manage and problem solve to better prepare for their future This excellent resource brings together three crucial pillars the classroom the community and the counseling processes that are found in all high schools Students begin this process by learning about their aptitudes skills and interests and then selecting one of several broad career paths such as Human Services or Science and Industry Students experience ongoing goal setting and decision making Through the classroom community and counseling processes your students will be able to design and implement a plan that is just right them This is what student centered learning is all about Classroom processes remain the key to student centered and self directed learning Integration occurs naturally as students have the opportunity to participate in integrated learning units that include the four core subject areas technology and one or two electives that all align to state and national standards and benchmarks Community opportunities begin with guest speakers chat partners and field trip visits and then progress to job shadowing internships mentorships and senior capstone projects Counseling becomes a key component for students in the areas of academic career and social and personal skill development

Ample opportunities abound for role modeling and practice in teaming problem solving conflict resolution character development self management goal setting and decision making By employing the Career Pathways model your school can add relevancy to what students learn and do during their high school years Help students be more focused and team oriented and the true drivers of their own learning Course and Curriculum Improvement Projects: Mathematics, Science, Social Sciences National Science Foundation (U.S.),1966 *Documents Accompanying the Journal of the House* Michigan. Legislature,1897 **Catalogue** Northwestern Military and Naval Academy (Lake Geneva, Wis.),1899 *Report of the superintendent ...* MI Dept Public Instruction,1897 **Circular** United States. Office of Experiment Stations,1889 **Joint Documents of the State of Michigan** Michigan,1897 **Report of the Superintendent of Public Instruction** Michigan. Department of Public Instruction,1897 **Annual Report of the Superintendent of Public Instruction of the State of Michigan** Michigan. Dept. of Public Instruction,1897 **Schaum's Outline of Preparatory Physics II: Electricity and Magnetism, Optics, Modern Physics** Alvin Halpern,Erich Erlbach,1998-06-22 Tough Test Questions Missed Lectures Not Enough Time Fortunately for you there s Schaum s Outlines More than 40 million students have trusted Schaum s to help them succeed in the classroom and on exams Schaum s is the key to faster learning and higher grades in every subject Each Outline presents all the essential course information in an easy to follow topic by topic format You also get hundreds of examples solved problems and practice exercises to test your skills This Schaum s Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up to date developments in your course field In depth review of practices and applications Fully compatible with your classroom text Schaum s highlights all the important facts you need to know Use Schaum s to shorten your study time and get your best test scores Schaum s Outlines Problem Solved **Report of the Superintendent of Public Instruction of the State of Michigan for the Biennium ...** Michigan. Department of Public Instruction,1897 *Middle-west School Review ...* ,1920 Annual Report and Report of Advisory Committee Illinois Soldiers' and Sailors' Children's School,1896 Report of the Board of Education and Course of Study in the Ashland Public Schools Ashland (Wis.). Board of Education,1889 Tests in Print II Oscar Krisen Buros,1974 *Biennial Report* Nebraska. Department of Public Instruction,1914

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