

Roll No.

94105

**B. Sc. Physics 6th Semester
Examination – February, 2022**

NUCLEAR PHYSICS

Paper : PHY-602

Time : Three hours]

[Maximum Marks : 45

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

प्रश्नों के उत्तर देने से पहले परीक्षार्थी यह सुनिश्चित कर लें कि उनकी पूर्ण एवं सही प्रश्न-पत्र मिला है। परीक्षा के उपरान्त इस संबंध में कोई भी शिकायत नहीं सुनी जायेगी।

Note : Attempt five questions in all, selecting at least one question from each Unit. All questions carry equal marks.

प्रत्येक इकाई से कम से कम एक प्रश्न का चयन करते हुए, कुल पाँच प्रश्नों का उत्तर दें। सभी प्रश्नों के अंक समान हैं।

UNIT – I

इकाई – I

1. (a) Determine the mass by Bain-Bridge and Jordan mass spectrograph. 6

बैन-ब्रिज और जॉर्डन मास स्पेक्ट्रोग्राफ द्वारा द्रव्यमान का निर्धारण करें।

94105-2200-(P-4)(Q-8)(22)

P. T. O.

Modal Question Paper Bsc Sixth Semester

VENKATA RAO BASA



Modal Question Paper Bsc Sixth Semester:

Quick Review Series For B.Sc. Nursing: Semester I and II - E-Book Annu Kaushik, 2023-05-25 Quick Review Series QRS for BSc Nursing Semester I and II 2nd edition is an extremely exam oriented book The content has been developed and arranged in a manner so the entire INC syllabus has been covered The subject content has been divided unit wise and according to the weightage of marks in each unit It is well illustrated with simple reproducible diagrams and flow charts To aid in quick learning before examinations memory aides and mnemonics have also been added The book will serve the requirements of BSc Nursing Semester I and II students to prepare for their examinations Content presented in well classified sections Compliant to the revised INC Curriculum All question types asked in the University exams are addressed Long essays Short essays and Short notes Clearly describes how to attempt a question in the exam Suitable number of tables and flow charts according to the need of the questions Reproducible diagrams in Anatomy and Physiology sections

Engineering Mathematics-I Dr. Kailas L. Vairal, Prof. Nitin R. Kharat, Prof. Ganesh R. More, 2024-10-30 This book is published as per the SPPU National Education Policy 2020 This book used common to all UG Engineering Programs This book will surely benefit every engineering students Addiction Psychiatry & OSCE Practice Guide for Mental Health Nurses : Based on Fifth, Sixth & Eighth Semester BSc Nursing Syllabus Prof. Kavitha B, Prof. Dr. Jomon Thomas, Arun James, 2025-05-30 Addiction Psychiatry OSCE Practice Guide for Mental Health Nurses is a comprehensive and practical resource tailored to the unique learning needs of nursing students and professionals working in psychiatric and mental health settings The book provides an in depth understanding of substance use disorders behavioral addictions and their multifaceted impact on individuals families and communities It integrates evidence based nursing interventions with a compassionate person centered approach Designed to bridge the gap between theory and clinical application this guide includes high yield OSCE Objective Structured Clinical Examination scenarios that reflect real life challenges encountered in addiction psychiatry Each OSCE station is accompanied by key assessment criteria sample dialogues and clinical tips to enhance confidence and competence in patient interactions With clear explanations case based discussions and structured learning tools this book is ideal for BSc and MSc nursing students nurse educators and practicing mental health nurses preparing for exams or clinical postings Emphasizing therapeutic communication ethical practice and holistic care it empowers nurses to take an active role in the management and recovery of individuals struggling with addiction Whether you re preparing for OSCEs or seeking a deeper understanding of addiction psychiatry this guide offers a vital foundation for excellence in mental health nursing **Text Book of Inorganic Chemistry for BSc Analytical Chemistry Honors. Semester-2, Course-3** by BVR VENKATA RAO BASA, 2025-01-31 Text Book of Inorganic Chemistry by BVR contains the topics p block elements d block elements f block elements and organometallic compounds Basically meant for BSc semester 2 course 3 However be followed by students of intermediate class XI XII NEET IITJEE IITJAM CUCET PG CET SET CSIR

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