Rall 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 उनको 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 deast 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 - 1

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

> बेन-ब्रिज और जॉर्डन मास स्पेक्ट्रोग्राफ द्वारा द्रव्यमान का निर्घारण करें।

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

P. T. O.

Modal Question Paper Bsc Sixth Semester

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Table of Contents Modal Question Paper Bsc Sixth Semester

- 1. Understanding the eBook Modal Question Paper Bsc Sixth Semester
 - The Rise of Digital Reading Modal Question Paper Bsc Sixth Semester
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Modal Question Paper Bsc Sixth Semester
 - Exploring Different Genres
 - o Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Modal Question Paper Bsc Sixth Semester
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Modal Question Paper Bsc Sixth Semester
 - Personalized Recommendations
 - Modal Question Paper Bsc Sixth Semester User Reviews and Ratings
 - Modal Question Paper Bsc Sixth Semester and Bestseller Lists

- 5. Accessing Modal Question Paper Bsc Sixth Semester Free and Paid eBooks
 - Modal Question Paper Bsc Sixth Semester Public Domain eBooks
 - Modal Question Paper Bsc Sixth Semester eBook Subscription Services
 - Modal Question Paper Bsc Sixth Semester Budget-Friendly Options
- 6. Navigating Modal Question Paper Bsc Sixth Semester eBook Formats
 - o ePub, PDF, MOBI, and More
 - Modal Question Paper Bsc Sixth Semester Compatibility with Devices
 - Modal Question Paper Bsc Sixth Semester Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Modal Question Paper Bsc Sixth Semester
 - Highlighting and Note-Taking Modal Question Paper Bsc Sixth Semester
 - Interactive Elements Modal Question Paper Bsc Sixth Semester
- 8. Staying Engaged with Modal Question Paper Bsc Sixth Semester
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Modal Question Paper Bsc Sixth Semester
- 9. Balancing eBooks and Physical Books Modal Question Paper Bsc Sixth Semester
 - \circ Benefits of a Digital Library
 - Creating a Diverse Reading Collection Modal Question Paper Bsc Sixth Semester
- 10. Overcoming Reading Challenges
 - o Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Modal Question Paper Bsc Sixth Semester
 - Setting Reading Goals Modal Question Paper Bsc Sixth Semester
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Modal Question Paper Bsc Sixth Semester
 - Fact-Checking eBook Content of Modal Question Paper Bsc Sixth Semester
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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souligne la valeur patrimoniale de ces archives

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