



# NEW HORIZON PUBLIC SCHOOL

CBSE Affiliation No. 1130164  
Sector – 13, Khanda Colony, Panvel (W)  
Website : [www.nhpspanvel .com](http://www.nhpspanvel.com)

Circular No.: NHPS/NP/2023-24/ S.Sec-69

Date :10/01/2024

## Grade XI (Science) portion for Annual Examination (2023-24)

Subject	Syllabus
English	Hornbill: Prose-1. The Portrait of a Lady 2. We're Not Afraid To Die... if We Can All Be Together 3. Discovering Tut: the Saga Continues 5. The Adventure 6. Silk Road Poems: A Photograph, The Laburnum Top, The Voice of the Rain, Childhood, Father to Son Snapshot:1.The Summer of the Beautiful White Horse 2.The Address 3. Mother's Day 5. Birth 6. The Tale of Melon City Writing Skills: Note Making and Summarization, Poster Making, Advertisement, Debate and Speech Writing Grammar: Integrated Grammar
Maths	Ch.No.1 Sets Ch.No.2 Relations and Functions Ch.No.3 Trigonometric Functions Ch.No.4 Complex Numbers and Quadratic Equations Ch.No.5 Linear Inequalities Ch.No.6 Permutations and Combinations Ch.No.7 Binomial Theorem Ch.No.8 Sequences and Series Ch.No.9 Straight Lines Ch.No.10 Conic Sections Ch.No.11 Introduction to Three Dimensional Geometry Ch.No.12 Limits and Derivatives Ch.No.13 Statistics Ch.No. 14 Probability
Biology	1. The Living World 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom 5. Morphology of flowering plants 6. Anatomy of flowering plants 7. Structural organization in animals

	8. Cell: The unit of life 9. Biomolecules 10. Cell cycle and cell division 11. Photosynthesis in higher plants 12. Respiration in plants 13. Breathing and exchange of gases 14. Body fluids and circulation 15. Excretory products and their elimination 16. Locomotion and Movement 17. Neural control and coordination 18. Chemical coordination and integration	
<b>Chemistry</b>	Ch. No 1 Some basic concepts of chemistry Ch. No 2 Structure of atom Ch. No 3 Classification of elements and periodicity in properties Ch. No 4 Chemical bonding and molecular structure Ch. No 5 Chemical Thermodynamics Ch. No 6 Equilibrium Ch. No 7 Redox reactions Ch. No 8 Organic Chemistry: Some basic Principles and Techniques Ch. No 9 Hydrocarbons	
<b>Physics</b>	Ch No 2 Units and Measurements ChNo 3 Motion in a Straight Line Ch No 4 Motion in a Plane Ch No 5 Laws of Motion ChNo 6 Work, Energy and Power Ch No 8 Gravitation Ch No 9 Mechanical Properties of Solids Ch No 10 Mechanical Properties of Fluids Ch No 11 Thermal Properties of Matter Ch No 12 Thermodynamics Ch No 13 Kinetic Theory Ch No 14 Oscillations Ch No 15 Wave	
<b>Computer Science</b>	Ch No 1 Computer System Overview Ch No 2 Data Representation Ch No 5 Getting Started with Python Ch No 6 Python Fundamentals Ch No 7 Data handling Ch No 8 Flow of control Ch No 9 String Manipulation Ch No 10 List Manipulation Ch No 11 Tuples Ch No 12 Dictionaries Ch No 14 Cyber Safety Ch No 15 Online Access and Computer Security Ch No 16 Society, Law and Ethics	
<b>Web Application</b>	Part A: Employability Skills Unit 1 – Communication Skills Unit 2 – Self-management Skills Unit 3 – Information and Communication Technology Skills	

	Unit 4 – Entrepreneurship Skills Unit 5 – Green Skills Part B: Unit 1 – Basics of Networking and Web Architecture Unit 2- Website Development Using HTML and CSS Unit 3- Multimedia Design – GIMP Unit 4 – Introduction to Dynamic Websites using JavaScript
<b>Physical Education</b>	1. Changing Trends & Career in Physical Education 2. Olympic Value Education 3. Yoga 4. Physical Education & Sports for CWSN 5. Physical Fitness, Wellness 6. Test, Measurements & Evaluation 7. Fundamentals of Anatomy and Physiology in Sports 8. Fundamentals of Kinesiology and Biomechanics in Sports 9. Psychology and Sports 10. Training & Doping in Sports

### **Date sheet for Annual Examination (2023-2024)**

#### **Grade XI (Science)**

<b>Sr.No</b>	<b>Date</b>	<b>Day</b>	<b>Subjects</b>
1	15.02.2024	Thursday	English
2	16.02.2024	Friday	Off Day
3	17.02.2024	Saturday	Chemistry
4	23.02.2024	Friday	Physics
5	24.02.2024	Saturday	PE/CS/Web
6	28.02.2024	Wednesday	Maths
7	29.02.2024	Thursday	Biology

- Note :-** 1) The dates are tentative and might get changed in case of any instructions received from CBSE as our school is a center for Board Exam.  
2) School Timings during the Exams : **7:20 a.m. to 11:00 a.m.**

Regards



**Principal**  
**NHPS, Panvel**