



**Mahilong, Ranchi-Purulia Road Highway,
Ranchi – 835103, Jharkhand**

**SYLLABUS
STD – XI (SCIENCE)
SESSION – 2018-19**

Name : _____

UID No. : _____

Class and Section : _____

ENGLISH

| | | |
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| Prescribed Books: | 1) | ENGLISH TEXT BOOK (HORNBILL) - NCERT |
| | 2) | SNAPSHOTS (SUPPLEMENTARY READER) - NCERT |
| Month | Total No. of periods | Lesson/Chapter |
| June | 14 (4) | HORNBILL- The Portrait of a lady; A Photograph(poem) SNAPSHOTS- The Summer of a Beautiful White horse; NOTICE WRITING |
| July | 22(2) | HORNBILL- Discovering Tut; We are not afraid to die; The Laburnum Top(poem) SNAPSHOTS- The Address Advertisement; Article; Official Letters; Determiners |
| August | 21(2) | HORNBILL- Childhood (poem). Landscape of the Soul, The Adventure SNAPSHOTS- The Ranga's marriage; Modals; report writing; note making and summary writing |
| September | 19(3) | Revision Half yearly exams; Portion taught from June to AUGUST |
| October | 17(2) | HORNBILL- Voice of the Rain (poem); The Ailing Planet TENSES |
| November | 15(2) | HORNBILL- Father to Son(poem); SNAPSHOTS-); Mother's Day; Albert Einstein. POSTER; CLAUSES. |
| December | 20(2) | HORNBILL-The Browning version; Silk Road SNAPSHOTS- The Ghat of the Only World SPEECH; DEBATE |
| January | 18(1) | SNAPSHOTS- Birth; A Tale of Melon City(poem); CHANGE OF VOICE |
| February | | Revision |
| March | | Annual Exams Portion taught from June to January |
| Syllabus for Term Exams and Periodic Test | | |
| TERM-1 | | |
| Periodic Test | 1)Unseen Passage; Notice ; The Portrait of a lady; The Photograph | |
| | 2)Unseen Passage; Modals; Determiners; Ranga's Marriage; Laburnum Top | |
| TERM-2 (Annual) | | |
| Periodic Test | 3) Unseen passage (note making and summary writing); Tenses (Integrated Grammar);Mother's Day | |
| | 4) Unseen passage; Silk Road, (Integrated Grammar), Voice of the Rain(poem) | |
| Term 1 | Syllabus taught till August - 2018 | |
| Annual Exam | Complete syllabus | |

PHYSICS

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| Prescribed Books: | 1) | NCERT Text Book (Part 1 & Part 2) |
| | 2) | NCERT Exemplar |
| | 3) | Physics Practical Book-Dinesh Publication |
| Month | Total No. of periods | Lesson/Chapter |
| June | 14 | Unit I : Physical World and Measurement Ch 1:- Physical World Ch 2 :- Units and Measurements |
| July | 21 | Unit II: Kinematics Chapter 3:- Motion in a Straight line Chapter 4:- Motion in a Plane |
| August | 21 | Unit III:- Laws of Motion Chapter 5:- Laws of Motion |
| September | 18 | Revision + Half yearly exam |
| October | 16 | Unit IV: Work, Energy and Power Chapter 6 :- Work, Energy and Power Unit V: Motion of System of Particles and Rigid body Chapter 7 :- System of Particles and Rotational Motion |
| November | 18 | Unit VI : Gravitation Chapter 8 :- Gravitation Unit VII : Properties of Bulk Matter Chapter 9 :- Mechanical Properties of Solids |
| December | 20 | Unit VII: Properties of Bulk Matter (Contd.) Chapter 10 :- Mechanical Properties of Fluids Chapter 11:- Thermal properties of Matter Unit VIII: Thermodynamics Chapter 12:- Thermodynamics |
| January | 19 | Unit IX: Behaviour of Perfect Gas and Kinetic Theory of Gases Chapter 13:- Behaviour of Perfect Gas and Kinetic Theory of Gases Unit X: Mechanical Waves and Ray optics Chapter 14:- Oscillation Chapter 15:- Ray optics |
| February | | Revision + Final Exam (Theory and Practical Exam) |
| March | | Final Exam |
| Syllabus for Term Exams and Periodic Test | | |
| TERM-1 | | |
| Periodic Test | 1) Unit I – Physical World and Measurement Chapter 1 –Physical World Chapter2- Units and Measurements Unit II- Kinematics Chapter 3- Motion in a Straight Line | |
| | 2) Unit II – Kinematics Chapter 3 – Motion in a Straight Line Chapter 4- Motion in a Plane Unit III – Laws of Motion Chapter 5- Laws of Motion | |
| TERM-2 (Annual) | | |

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| Periodic Test | 3) Unit IV – Work, Energy and Power Chapter 6- Work, Energy and Power Unit V – Motion of System of Particles and Rigid Body Chapter 7 – System of Particles and Rotational Motion Unit VI – Gravitation Chapter 8 - Gravitation |
| | 4) Unit VII – Properties of Bulk Matter Chapter 9- Mechanical Properties of Solids Chapter 10 – Mechanical properties of Fluid Chapter 11 – Thermal Properties of Matter. Unit VIII – Thermodynamics. Chapter 12 – Thermodynamics. |
| Term 1 | Unit I - Physical World and Measurements Chapter 1 - Physical world Chapter 2 - Units and Measurements |
| | Unit II - Kinematics Chapter 3 - Motion in a Straight Line Chapter 4 - Motion in a Plane |
| | Unit III - Laws of Motion Chapter 5 - Laws of Motion |
| Annual Exam | Unit I – Physical World and Measurements |
| | Unit II - Kinematics |
| | Unit III - Laws of Motion |
| | Unit IV - Work, Energy and Power |
| | Unit V - Motion of System of Particles and Rigid Body |
| | Unit VI - Gravitation |
| | Unit VII - Properties of Bulk Matter |
| | Unit VIII - Thermodynamics |
| | Unit IX - Behavior of Perfect Gases and Kinetic Theory of Gases |
| | Unit X – Mechanical waves and ray optics |

CHEMISTRY(043)

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| Prescribed Books: | 1) | 1. Ncert Text Book (Part 1 + Part 2) |
| | 2) | Chemistry Practicals – Dinesh Publication(Lab Book) |
| Month | Total No. of periods | Lesson/Chapter |
| April | | |
| May | | |
| June | 14 | Ch:1- SOME BASIC CONCEPTS OF CHEMISTRY |
| July | 22 | Ch:2- STRUCTURE OF ATOM Ch:3-CLASSIFICATION OF ELEMENTS & PERIODICITY IN PROPERTIES. |

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| August | 21 | Ch:4- CHEMICAL BONDING & MOLECULAR STRUCTURE. Ch:5- STATES OF MATTER – GASES & LIQUIDS. |
| September | 19 | Half Yearly Exam |
| October | 17 | Ch:6- THERMODYNAMICS. Ch:7- EQUILIBRIUM |
| November | 15 | Ch:7- EQUILIBRIUM Ch:8- REDOX REACTIONS. Ch:9- HYDROGEN |
| December | 20 | Ch:10- THE s – BLOCK ELEMENTS Ch:11- THE p – BLOCK ELEMENTS Ch:12 - ORGANIC CHEMISTRY- SOME BASIC PRINCIPLES AND TECHNIQUES. |
| January | 18 | Ch:13- HYDROCARBONS Ch:14- ENVIRONMENTAL CHEMISTRY |
| February | 20 | REVISION / PRE – BOARD EXAM |
| March | 19 | BOARD EXAM |
| Syllabus for Term Exams and Periodic Test | | |
| TERM-1 | | |
| Periodic Test | 1) Ch:1- SOME BASIC CONCEPTS OF CHEMISTRY Ch:2- STRUCTURE OF ATOM | |
| | 2) Ch:4- CHEMICAL BONDING & MOLECULAR STRUCTURE. Ch:5- STATES OF MATTER – GASES & LIQUIDS | |
| TERM-2 (Annual) | | |
| Periodic Test | 3) Ch:6- THERMODYNAMICS. Ch:7- EQUILIBRIUM | |
| | 4) Ch:8- REDOX REACTIONS. Ch:12 - ORGANIC CHEMISTRY- SOME BASIC PRINCIPLES AND TECHNIQUES | |
| Term 1 | Ch:1- SOME BASIC CONCEPTS OF CHEMISTRY | |
| | Ch:2- STRUCTURE OF ATOM | |
| | Ch:3-CLASSIFICATION OF ELEMENTS & PERIODICITY IN PROPERTIES. | |
| | Ch:4- CHEMICAL BONDING & MOLECULAR STRUCTURE. | |
| | Ch:5- STATES OF MATTER – GASES & LIQUIDS | |
| Annual Exam | Complete Syllabus | |

BIOLOGY

| | | |
|-------------------|-----------------------------|--|
| Prescribed Books: | 1) | NCERT TEXTBOOK |
| | 2) | Together with biology- Rachna Sagar Publication |
| | 3) | NCERT EXEMPLER |
| | 4) | Biology Practical Book-Lakshmi Publication |
| Month | Total No. of periods | Lesson/Chapter |
| June | 23 | Diversity in living World |
| July | 22 | Structural organisation in Plants and Animals+Diversity in living organism |
| August | 40 | Plant Physiology |
| September | | Revision + Half Yearly Exam |

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| October | 17 | Cell-Structure and Function, Biomolecules and Cell Division |
| November | 18 | Cell-Structure and Function, Biomolecules and Cell Division (Continued) |
| December | 20 | Human Physiology |
| January | 20 | Human Physiology (Continued) |
| February | | Revision + Annual Exam |
| Syllabus for Term Exams and Periodic Test | | |
| TERM-1 | | |
| Periodic Test | | 1)PT 1: Unit-1 (Diversity in living World) 2)PT 2: Unit-4 (Plant Physiology) |
| Activities | | MCQ |
| TERM-2 (Annual) | | |
| Periodic Test | | PT 3: Unit-3 (Cell-Structure and Function, Biomolecules and Cell Division) PT 4: Unit-5 (Human Physiology) |
| Activities | | Lab activity |
| Term 1 | | Unit-1 (Diversity in living World) Unit-2 (Structural organisation in Plants and Animals) Unit-4 (Plant Physiology) |
| Annual Examination | | Complete Syllabus |

MATHEMATICS

| | | |
|-------------------|-----------------------------|---|
| Prescribed Books: | 1) | NCERT |
| | 2) | NCERT EXAMPLAR |
| Month | Total No. of periods | Lesson/Chapter |
| June | 14 | Ch-1 Sets |
| | | Ch-2 Relations and Functions |
| | | Ch-3 Trigonometric Functions |
| July | 22 | Ch-3 Trigonometric Functions(Continued) |
| | | Ch-4 Principle of Mathematical induction |
| | | Ch-5 Complex Numbers and Quadratic equations |
| August | 23 | Ch-6 Linear inequalities |
| | | Ch-7 Permutations and Combinations |
| | | Ch-8 Binomial Theorem |
| September | | Revision +Half Yearly Examination |
| October | 16 | Ch-9 Sequences and series |
| | | Ch-10 Straight Lines |
| November | 22 | Ch-11 Conic Sections |
| | | Ch-12 Introduction to 3D Geometry |
| | | Ch-13 Limits and Derivatives |
| December | 21 | Ch -14 Mathematical Reasoning |
| | | Ch-15 Statistics |
| January | 18 | Ch-16 Probability |
| February | | Revision + Annual Exam |

| Syllabus for Term Exams and Periodic Test | | |
|---|---|-------------------------------|
| TERM-1 | | |
| Periodic Test | 1) | Ch-1. Sets |
| | | Ch-2. Relation and Function |
| | 2) | Ch-3. Trigonometric Functions |
| Assignment | Ch-1 to Ch-8 | |
| | Half Hearly exam- Portion from june to August | |
| TERM-2 (Annual) | | |
| Periodic Test | 3)Ch – 9 Sequences and series | |
| | 4)Ch-13 Limit and Derivatives | |
| Term 1 | Syllabus completed till August-2018 | |
| Annual Exam | Complete Syllabus | |

COMPUTER SCIENCE

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| Prescribed books | 1. | Computer Science by Sumita Arora |
| | 2. | CBSE reference book |
| Month | Total No. of periods | Lesson/Chapter |
| June | 14 | Computer Fundamentals, Working with Operating System |
| July | 22 | Data Representation Memory units |
| August | 23 | Programming Methodology Overview of C++ C++ operators & Expression |
| September | | Revision + Half yearly Exam. |
| October | 16 | Control Statements Library Functions |
| November | 22 | Header Files Functions |
| December | 21 | Array |
| January | 18 | Structures |
| February | | Revision + Annual Exam (Practical Exam) – Pre Board. |
| March | | Final Exam. |

| Syllabus for Term Exams and Periodic Test | |
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| TERM-1 | |
| Periodic test 1 | Computer Fundamentals Working with operating system Data representation |
| Periodic test 2 | Introduction [C++] operators and expressions control statements |
| Half Yearly Exam | Portion from June-August |
| TERM-2 | |

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| Periodic test 3 | Library functions Header files Functions |
| Periodic test 4 | Array Structure |
| Final Exam | Complete Syllabus |

INFORMATICS PRACTICES

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| Prescribed books | 1. | Informatics Practices by Sumita Arora |
| | 2. | CBSE reference book |
| Month | Total No. of periods | Lesson/Chapter |
| June | 14 | Ch-1: Hardware Concepts Ch-2: Software Concepts |
| July | 22 | Ch-3: Getting Started with IDE Ch-4: Programming Fundamentals Ch-5:Flow of Control |
| August | 23 | Ch-6:JAVA IDE Programming- I Ch-7:JAVA IDE Programming- II |
| September | | Revision + Half yearly Exam. |
| October | 16 | Ch-8:JAVA IDE Programming - III Ch-9: Programming Guidelines |
| November | 22 | Ch-10: DBMS Concept Ch-11: Introduction to MySQL Ch-12:Simple Queries in SQL |
| December | 21 | Ch-13: MySQL Functions Ch-14: Data Manipulation |
| January | 18 | Ch-15:IT Applications |
| February | | Revision + Annual Exam (Practical Exam) – Pre Board. |
| March | | Final Exam. |
| Syllabus for Term Exams and Periodic Test | | |
| TERM-1 | | |
| Periodic Test 1 | | Ch-1: Hardware Concepts Ch-2: Software Concepts |
| Periodic Test 2 | | Ch-5:Flow of Control Ch-6:JAVA IDE Programming- I |
| Half Yearly Exam | | Portion from June - August |
| TERM-2 | | |
| Periodic Test 3 | | Ch-9: Programming Guidelines Ch-10: DBMS Concept |
| Periodic Test 4 | | Ch-12:Simple Queries in SQL Ch-13: MySQL Functions |
| Final Exam | | Complete Syllabus |

HINDUSTANI VOCAL MUSIC

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| JUNE'18 | PRACTICAL:- RAG VRINDAVANI SARANG; DRUT KHAYAL THEORY:- DEFINATIONS; DHWANI; NADA; SHRUTI; SWAR; SAPTAK; THAT; JATI; RAG |
| JULY'18 | PRACTICAL:- RAG JAUNPURI; DRUT KHAYAL |

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| | RECITATION OF THEKAS:- DADRA; KEHARWA THEORY OF DEFINATION:- SWARMALIKA; LAKSHAN GEET; LAY; TALA; NIBADHA-ANIBADHA GAAN |
| AUGUST'18 | PRACTICAL:- RAG JAUNPURI; VILAMBIT KHAYAL; RECITATION OF THEKAS:- TEEN TALA; CHAR TALA THEORY:- DESCRIPTION OF RAGAS CONTRIBUTION AND SHORT LIFE SKETCH OF 'MIYAN TANSEN' |
| SEPTEMBER'18 | REVISION HALF YEARLY EXAM |
| OCTOBER'18 | PRACTICAL:- RAG BIHAG DRUT KHAYAL THEORY:- BRIEF HISTORY OF DHRUPAD, KHAYAL & TARANA |
| NOVEMBER'18 | PRACTICAL:- RAG BIHAG DRUT KHAYAL WITH TANA THEORY:- LIFE SKETCH OF PT. V.N. BHATKHANDE |
| DECEMBER'18 | PRACTICAL:- RAG BHAIRAVI DRUT KHAYAL THEORY:- WRITE TALA, NOTATION, THAH & DUGUN LIFE SKETCH OF VISHNU DIGAMBAAR PALUSKAR |
| JANUARY'19 | PRACTICAL:- LAKSHAN GEET; DHRUPAD THEORY:- REVISION |
| FEBRUARY'19 | REVISION FINAL EXAM |

FINE ARTS

| Months | Chapter | Lesion/Topic |
|---|---|--|
| April to August | 1 2 3 4 5 6 7 8 | Pre historic rock painting. Bhimbedka an introduction. Study of rock painting. Art of Indus valley an introduction. Study of sculptures and terracotta's. Decorations earthen wares. Study of seal. Art during Mauryan, Shunga, Kushana and Gupta period. |
| September | Revision | Half yearly exam |
| October to January | 9 10 11 12 13 14 15 16 | Study of sculpture. Introduction to Ajanta. Study of paintings. Introduction of temple sculpture. Study of temple sculpture. Study of bronze sculpture. Artistic aspects of the Indo-Islamic architecture. Study of architecture. |
| June to September Sep. to Dec. | 1 2 3 | Practical Nature and object study. Painting composition Portfolio assessment. |
| | Session 2018-19 | Syllabus for term exams and subject periodic test Painting Class-XI |
| Periodic test-I | Chapter 1 2 3 | Pre historic rock paintings. Bhimbedka an introduction. Study of rock painting. Art of Indus valley an introduction. |

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| P.T.II | Chapter 5 6 7 | Study of sculptures and Terra cottas. Decorations on earthen wares. Study of seal. Art during mauryan shunga kushana and Gupta period. |
| Half Yearly exams | Syllabus | From Chapter 01 to 08 |
| PT-III | Chapter 09 10 11 12 | Study of sculpture. Introduction of Ajanta. Study of paintings. Introduction of temple sculpture. |
| PT-IV | 13 15 16 17 | Study of temple sculpture. Study of bronze sculpture. Artistic aspects of the indo islamis architecture. Study of architecture. |
| Final Exam | | Complete Syllabus. |

PHYSICAL EDUACTION

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| Prescribed Books | 1) | Saraswati Publication , Health and Physical Education (Dr. V K Sharma) |
| | 2) | B R International, Physical Education and Health (Dr A K Srivastava & Dr. N K Gaur |
| Month | Total Working Days | Lesson/Chapter |
| June | 14 | Unit-I : Changing Trends & Career In Physical Education Unit-II : Olympic Movement |
| July | 22 | Unit-III : Physical Fitness, Wellness & Lifestyle Unit-IV : Physical Education & Sports for Differently Abled |
| August | 21 | Unit-V : Yoga Unit-VI : Physical Activity & Leadership Training |
| September | Revision +Half Yearly Exam | |
| October | 17 | Unit-VII : Test, Measurement & Evaluation Unit-VIII : Fundamentals Of Anatomy & Physiology |
| November | 15 | Unit-IX : Kinesiology, Biomechanics & Sports) |
| December | 20 | Unit-X : Psychology & Sports |
| January | 18 | Unit-XI : Training In Sports Unit-XII : Doping |
| February | Revision +Annual Exam | |
| March | Annual Exam | |

Syllabus for Term Exams and Monthly Test

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|------------------|------------------------|---|
| Term-1 | | |
| Periodic Test-1 | 09.07.18 & 30.07.18 | Unit-I : Changing Trends & Career In Physical Education Unit-II : Olympic Movement |
| Periodic Test--2 | 20.08.17 & 22.10.18 | Unit-III : Physical Fitness, Wellness & Lifestyle Unit-IV : Physical Education & Sports for Differently Abled |
| Term-2 | | |
| Periodic Test-3 | 19.11.17 & 10.12.18 | Unit-VII : Test, Measurement & Evaluation Unit-VIII : Fundamentals Of Anatomy & Physiology |
| Periodic Test-4 | 07.01.19 & 28.01.19 | Unit-IX : Kinesiology, Biomechanics & Sports Unit-X : Psychology & Sports |
| Half Yearly Exam | Sept'2018 | Unit-I : Changing Trends & Career In Physical Education Unit-II : Olympic Movement Unit-III : Physical Fitness, Wellness & Lifestyle Unit-IV : Physical Education & Sports for Differently Abled Unit-V : Yoga Unit-VI : Physical Activity & Leadership Training |

सूक्तियाँ

न चौर्यहार्यं न च राजहार्यं न भ्रातृभाज्यं न च भारकारी।
व्यये कृते वर्धत एव नित्यं विद्याधनं सर्वधनप्रधानम्॥

जिसे न चोर चुरा सकते हैं, न राजा हरण कर सकता है, न भाई बँटा सकते हैं, जो नित्य खर्च करने पर भी बढ़ता है, ऐसा विद्या धन सभी धनों में प्रधान है।

सा विद्या या विमुक्तये।

ज्ञान वह है जो मुक्त कर दे।

उद्यमेनैव हि सिद्ध्यन्ति, कार्याणि न मनोरथैः।
नहि सुप्तस्य सिंहस्य, प्रविण्ति मुखे मृगाः॥

प्रयत्न करने से ही कार्य पूर्ण होते हैं, केवल इच्छा करने से नहीं, सोते हुए शेर के मुख में मृग स्वयं प्रवेग नहीं करते हैं।

गुरु भुश्रूशया विद्या पुश्कलेन धनेन वा।
अथवा विद्यया विद्या चतुर्थी न उपलभ्यते॥

विद्या गुरु की सेवा से, पर्याप्त धन देने से अथवा विद्या के आदान-प्रदान से प्राप्त होती है। इसके अतिरिक्त विद्या प्राप्त करने का चौथा तरीका नहीं है।

सत्यं ब्रूयात् प्रियं ब्रूयात् न ब्रूयात् सत्यमप्रियम्।
प्रियं च नानृतं ब्रूयात् एश धर्मः सनातनः॥

सत्य बोलें, प्रिय बोलें पर अप्रिय सत्य न बोलें और प्रिय असत्य न बोलें, ऐसी सनातन रीति है।

विद्वत्त्वं च नृपत्वं च नैव तुल्ये कदाचन।
स्वदेवे पुज्यते राजा विद्वान् सर्वत्र पूज्यते॥

विद्वता और राज्य अतुलनीय हैं, राजा को तो अपने राज्य में ही सम्मान मिलता है पर विद्वान् का सर्वत्र सम्मान होता है।

मूर्खस्य पञ्च चिन्हानि गर्वो दुर्वचनं तथा।
क्रोधश्च दृढवादश्च परवाक्येश्वनादरः॥

मूर्खों के पाँच लक्षण हैं— गर्व, अपभ्रंश, क्रोध, हठ और दूसरों की बातों का अनादर।

अष्टौ गुणाः पुरुशं दीपयंती प्रज्ञा सुगीलत्वदमौ श्रुतं च।
पराक्रमश्च बहुभाषिता च दानं यथाक्ति कृतज्ञता च॥

आठ गुण पुरुष को सुशोभित करते हैं बुद्धि, सुन्दर चरित्र, आत्म-नियंत्रण, शास्त्र अध्ययन, साहस, मितभाषिता, यथाक्ति दान और कृतज्ञता॥

क्षमा बलमक्तानां भाक्तानां भूशणं क्षमा।
क्षमा वशीकृते लोके क्षमया किं न सिद्ध्यति॥

क्षमा निर्बलों का बल है, क्षमा बलवानों का आभूषण है, क्षमा ने इस विषय को वेदों में किया हुआ है, क्षमा से कौन सा कार्य सिद्ध नहीं हो सकता वहाँ
न हि कटिश्चत् विजानाति किं कस्य श्वो भविष्यति।

अतः भवः करणीयानि कुर्यादद्यैव बुद्धिमान्॥

कल क्या होगा यह कोई नहीं जानता है इसलिए कल के करने योग्य कार्य को आज कर लेने वाला ही बुद्धिमान है॥

चिता चिंता समाप्रोक्ता बिंदुमात्रं विंशता।
सजीवं दहते चिंता निर्जीवं दहते चिता॥

चिता और चिंता समान कही गयी हैं पर उसमें भी चिंता में एक बिंदु की विशेषता है; चिता तो मरे हुए को ही जलाती है पर चिंता जीवित व्यक्ति को।

क्षणशः कणश्चैव विद्यामर्थं च साधयेत्।
क्षणत्यागे कुतो विद्या कणत्यागे कुतो धनम्॥

क्षण-क्षण विद्या के लिए और कण-कण धन के लिए प्रयत्न करना चाहिए। समय नष्ट करने पर विद्या और साधनों का नष्ट करने पर धन कैसे प्राप्त हो सकता है॥

अपि स्वर्णमयी लंका न मे लक्ष्मण रोचते ।
जननी जन्मभूमिश्च स्वर्गादपि गरीयसी ॥

हे लक्ष्मण! सोने की लंका भी मुझे अच्छी नहीं लगती है। माता और मातृभूमि स्वर्ग से भी बढ़ कर हैं।।

उत्साहो बलवानार्य नास्त्युत्साहात्परं बलम् ।
सोत्साहस्य च लोकेशु न किञ्चिदपि दुर्लभम् ॥

उत्साह श्रेष्ठ पुरुषों का बल है, उत्साह से बढ़कर और कोई बल नहीं है। उत्साहित व्यक्ति के लिए इस लोक में कुछ भी दुर्लभ नहीं है।

व्यायामात् लभते स्वास्थ्यं दीर्घायुश्यं बलं सुखम् ।
आरोग्यं परमं भाग्यं स्वास्थ्यं सर्वार्थसाधनम् ॥

व्यायाम से स्वास्थ्य, लम्बी आयु, बल और सुख की प्राप्ति होती है। निरोगी होना परम भाग्य है और स्वास्थ्य से अन्य सभी कार्य सिद्ध होता है।

पुस्तकस्था तु या विद्या परहस्तगतं च धनम् ।
कार्यकाले समुत्पन्ने न सा विद्या न तद् धनम् ॥

पुस्तक में लिखी हुई विद्या, दूसरे के हाथ में गया हुआ धन,जरूरत पड़ने पर काम नहीं आते हैं।

गते भोको न कर्तव्यो भविष्यं नैव चिन्तयेत् ।
वर्तमानेन कालेन वर्तयन्ति विचक्षणाः ॥

बीते हुए समय का शोक नहीं करना चाहिए और भविष्य के लिए परेगान नहीं होना चाहिए, बुद्धिमान तो वर्तमान में ही कार्य करते हैं।

यः पठति लिखति पश्यति परिपृच्छति पण्डितान्उपाश्रयति ।
तस्य दिवाकरकिरणैः नलिनी दलम् इव विस्तारिता बुद्धिः ॥

जो पढ़ता है, लिखता है, देखता है, प्रश्न पूछता है, बुद्धिमानों का आश्रय लेता है, उसकी बुद्धि उसी प्रकार बढ़ती है जैसे कि सूर्य किरणों से कमल की पंखुड़ियाँ।