## Kurukshetra University, Kurukshetra

## Scheme of Examination UG Programme (Interdisciplinary): Scheme D

Subject: Bachelor of Physical Education, Health Education and Sports Science
as per NEP 2020 Curriculum Framework for Undergraduate Programme (Multiple Entry-Exit, Internships and Choice Based Credit System
implemented form session 2023-24.

| SEMESTER | Type of Course | COURSE CODE | PAPER/TITLE | CREDITS |  |  | Contact Hours (T+P) | Max. Marks |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Theory | Practical | Total |  | Theory |  | Practical |  | Total |
|  |  |  |  |  |  |  |  | External | Internal | External | Internal |  |
| 1 | Core Course - 1 | 23-BPE-101 | History and Foundation of Physical Education | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 2 | 23-BPE-102 | Heath Education | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 3 | 23-BPE-103 | Basic Anatomy and Physiology | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course Minor - 1 | 23-BPE-104 | Olympics Movement | 2 | 0 | 2 | 2 | 35 | 15 | - | - | 50 |
|  | Multidisciplinary Courses (MDC) - 1 | Course from Pool of Courses Available in College/Institute |  |  |  |  |  |  |  |  |  |  |
|  | Ability Enhancement Courses (AEC) - I | Course from Pool of Courses Available in College/Institute |  |  |  |  |  |  |  |  |  |  |
|  | Skill Enhancement Courses (SEC) - I | Course from Pool of Courses Available in College/Institute |  |  |  |  |  |  |  |  |  |  |
|  | Value Added Course - 1 | $\begin{aligned} & \text { B-23- VAC- } \\ & 101 \end{aligned}$ | Human Values and Ethics | 2 | 0 | 2 | 2 | 35 | 15 | - | - | 50 |
| 2 | Core Course - 4 | 23-BPE-201 | Exercise Physiology | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \\ \hline \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 5 | 23-BPE-202 | Sports Psychology | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 6 | 23-BPE-203 | Sports Nutrition | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |



|  | Course - 3 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Internship of 4 credits of 4-6 weeks duration after 4th semester |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Core Course - 13 | 23-BPE-501 | Sports Training | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 14 | 23-BPE-502 | Kinesiology | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 15 | 23-BPE-503 | Sports Management | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course Minor- 5 (V) | 23-BPE-504 | Stress Management | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Internship of 4 Credits |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Core Course - 16 | 23-BPE-601 | Measurement and Evaluation | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 17 | 23-BPE-602 | Biomechanics | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course - 18 | 23-BPE-603 | Officiating and Coaching | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course Minor- 6 | 23-BPE-604 | Posture and Athletic Care | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |
|  | Core Course Minor- 7 | 23-BPE-605 | Sports Journalism | 3 | 1 | 4 | $\begin{gathered} 5 \\ (3+2) \\ \hline \end{gathered}$ | 50 | 20 | 20 | 10 | 100 |

## $1^{\text {st }}$ Semester (Bachelor of Physical Education, Health Education and Sports Science) (According to NEP2020 from Session 2023-24) <br> Core Course - 1

| Part A - Introduction |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Subject: |  | Physical Education, Health Education and Sports Science |  |  |  |
| Semester |  | $1^{\text {st }}$ Semester |  |  |  |
| Name of the Course |  | History and Foundation of Physical Education |  |  |  |
| Course Code |  | 23-BPE-101 |  |  |  |
| Course Type: |  | Core Course - 1 |  |  |  |
| Level of the Course |  | 100-199 |  |  |  |
| Pre-requisite (if any) |  | $12^{\text {th }}$ pass from any streams (Arts/Science/ Commerce) preferable with Sports Background. It is open for all. |  |  |  |
| Course Learning Outcomes (CLO): |  | After completing this course, the learner will be able to: <br> 1. Describe the Aims, Objectives and scope of Physical Education. <br> 2. Explain the historical development of Physical Education in India <br> 3. Illustrate the basic knowledge of biological aspects of Physical Education <br> 4. Tell the various Career opportunities in Physical Education and Sports. |  |  |  |
|  |  | 5. Know the basic specifications of court/ground, general rules and demonstrate the basic skills of Kho Kho and Badminton. |  |  |  |
| Credits |  | Theory | Practical |  | Total |
|  |  | 3 |  |  | 4 |
| Contact Hours |  | 3 hours per week | 2 hours per week (Size of practical group $=20$ students) |  | 5 |
| ```Max. Marks: 100 Part I- Theory = 70 (Internal Assessment - 20 Marks + End Term Exam - 50 Marks) Part II - Practical = 30 (Internal Assessment - 10 Marks + End Term Exam - 20 Marks)``` |  |  |  | Time: 3 Hours <br> For End Term Exam |  |
| Part B- Content of the Course |  |  |  |  |  |
| Instructions for Paper- Setter: <br> The question paper will consist of Five Units I, II, III, IV and V. Units I, II, III \& IV will have two questions <br> from their respective Units of the Syllabus and will carry 10 marks each. Unit V <br> th <br> type quell consist of 5 short answer |  |  |  |  |  |
| Unit | Topics <br> Introduction of Physical Education: <br> - Meaning and definition of Physical Education <br> - Relationship of Physical Education with Health and General <br> - Education <br> - Sim and Objectives Physical Education <br> - Need of Physical Education. <br> - Misconceptions regarding Physical Education. <br> - Physical Education as Arts or Science |  |  |  | Contact Hours |
| 1 |  |  |  |  | 2 |


| II | History of Physical Education in India: <br> Physical Education during Indus Valley Civilization (3250 BC - 2500 BC) <br> Physical Education during Vedic period (2500 BC - 600 BC) <br> Physical Education during Early Hindu Period ( 600 BC - 320 A.D) <br> Physical Education during Later Hindu Period (320 A.D - 1000 A.D) <br> Physical Education during Medieval Period (1000 A.D - 1757 A.D) <br> Physical Education during British Period (Till 1947) <br> Physical Education during After Independence |  | 12 |
| :---: | :---: | :---: | :---: |
| III | Biological Basis of Physical Education: <br> - Meaning of Growth and Development <br> - Meaning of Chronological Age, Anatomical age, Physiological age and Mental age <br> - Principles of Growth and development <br> - Difference between Growth and development <br> - Factors affecting Growth and development <br> - Growth and Development at various Levels of Childhood: Pre Adolescence - Adolescence - Adulthood. |  | 11 |
| IV | Career opportunities in Physical Education and Sports: <br> - Qualifications and responsibilities of Physical Education and Sports professionals at various levels of educational institutions. <br> - Qualifications and responsibilities as Coach, Fitness Trainers, Yoga Instructors and others <br> - Qualifications and responsibilities as sports Event Managers, Technical Officials, Researchers and others <br> - Qualifications and responsibilities in Health Clubs and Fitness Centers, Aerobics, Dance \& Recreation Clubs in Corporate Sectors and others. <br> - Qualifications and responsibilities Sports Journalists, Commentators, Sports Photographers and Video Analysts <br> - Career opportunities in various Central Govt, State Govt., Private Organizations and others <br> - Career opportunities in Manufacturing and Marketing sectors. <br> - Entrepreneurs opportunities in Physical Education and Sports. |  | 10 |
| Suggested Evaluation Methods: <br> Maximum Marks: 70 (Internal Assessment - 20 Marks + End Term Exam - 50 Marks) |  |  |  |
| Inter Contin Class Sem Mid | nal Assessment: 20 Marks <br> tinuous ComprehensiveEvaluation (CCE): 20 Marks s presentation = 5 <br> inar/ Assignment/Quiz/class test, etc. = 5 <br> Term Test $=10$ | End Term Exam: 50 Marks <br> One question of 10 marks from $=40$ Marks. <br> Five Questions short answer from $=5 \times 2$ Marks $=10$ Marks. | Time $=3$ hrs ch Units I to IV entire syllabus |
| Part II - Practical(Internal Assessment - 10 Marks + External - 20 Marks) |  |  |  |
|  | Unit $\quad$ Topics | Marks distribution | Contact Hours |
| I | Kho - Kho: Court specifications, general rules and basic skills | 15 Marks | 15 |
|  | II Badminton: Court specifications, general <br>  rules and basic skills | 15 Marks | 15 |


|  |  |  |
| :---: | :---: | :---: |
| Part C-Learning Resources |  |  |
| - Suggested Readings: <br> - Baljit Singh (2009). Principles of Physical Education. New Delhi: Sports Publication. <br> - Bevinson Perinbaraj. S (2002). History of Physical Education. Karaikudi: Vinsi Publications. Bucher A. <br> - Charles. (1983). Foundations of Physical Education. St. Louis:Mosbyco. <br> - Charles A. Bucher. (1982). Foundations of Physical Education. USA: The C.V. Mosby company. <br> - Charles C. Cowell \& William L. France.(1963). Philosophy and Principles of Physical Education. New Jersey: Prentice-Hall. <br> - Singh Ajmer et.al. Modern Text Book of Physical Education, Health and Sports, Kalyani Publishers, Ludhiana,(2010). <br> - Sharma, V.K, Health \& Physical Education, Saraswati House Pvt. Ltd . Daryagani, New Delhi. (2013). <br> - Singh Ajmer et. al. Olympic Movement, Kalyani Publishers, Ludhiana, (2000). <br> - Kamlesh \& Sangral, Principles \& History of Physical Education, Parkash Brothers, Ludhiana.(2000). <br> - Bucher, C. A. (n.d.) Foundation of physical education. St. Louis: The C.V. Mosby Co. Deshpande, S. H. (2014). <br> - Mohan, V. M. Principles of physical education. Delhi: Metropolitan Book Dep. Nixon, E. E. \& Cozen, F.W. (1969). An introduction to physical education. Philadelphia: W.B. Saunders Co. <br> - Pinto John and Roshan Kumar Shetty (2021) Introduction to Physical Education, Louis Publications, Mangalore. <br> - Amit Arjun Budhe, (2015) Career aspects and Management in Physical Education, Sports Publication, New Delhi <br> - Anand, R.L (1987) Play Field Manual, Patiala: NIS Publication. |  |  |

$1^{\text {st }}$ Semester (Bachelor of Physical Education, Health Education and Sports Science) (According to NEP2020 from Session 2023-24)

Core Course - 2

| Part A - Introduction |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Subject: |  | Physical Education, Health Education and Sports Science |  |  |  |
| Semester |  | $1^{\text {st }}$ Semester |  |  |  |
| Name of the Course |  | Health Education |  |  |  |
| Course Code |  | 23-BPE-102 |  |  |  |
| Course Type |  | Core Course - 2 |  |  |  |
| Level of the Course |  | 100-199 |  |  |  |
| Pre-re | uisite (if any) | $12^{\text {th }}$ pass from any streams (Arts/Science/ Commerce) preferable with Sports Background. It is open for all. |  |  |  |
| Course Learning Outcomes (CLO): |  | After completing this course, the learner will be able to: <br> 1. Describe the concept of Health and Health Education. <br> 2. Explain the concept of Occupational Health <br> 3. Illustrate the basic knowledge of various Communicable Diseases <br> 4. Acquire basic knowledge about the Communicable Diseases |  |  |  |
|  |  | 5. Able to calculate and analyze Blood pressure, BMI, Peak Expiratory Flow and Oxygen saturation level |  |  |  |
| Credits |  | Theory | Practical |  | Total |
|  |  | 3 | 1 |  | 4 |
| Conta | Hours | 3 hours per week | 2 hours per week(Size of practical group $=20$ students) |  | 5 |
| ```Max. Marks: }10 Part I- Theory = 70 (Internal Assessment - 20 Marks + End Term Exam - 50 Marks) Part II - Practical = 30 (Internal Assessment - 10 Marks + End Term Exam - 20 Marks)``` |  |  |  | Time: 3 Hours For End Term Exam |  |
| Part B- Content of the Course |  |  |  |  |  |
| Instructions for Paper- Setter: <br> The question paper will consist of Five Units I, II, III, IV and V. Units I, II, III \& IV will have two questions from their respective Units of the Syllabus and will carry 10 marks each. Unit $\mathrm{V}^{\text {th }}$ will consist of 5 short answer type questions which will cover the entire syllabus and will carry 2 marks for each question. |  |  |  |  |  |
| Unit |  | $\frac{\text { and will carry } 2 \text { marks for each question. }}{\text { Topics }}$ |  |  | Contact Hours |
| I | Introduction of Health and Health Education: <br> - Meaning and definition of Health <br> - Meaning and definition of Health Education <br> - Objectives of Health Education <br> - Dimensions of Health Education <br> - Scope of Health Education <br> - Principles of Health Education. <br> - Need of Health Education in modern society. |  |  |  | 12 |
| II | Occupational Health <br> - Meaning and definition of Occupational Health <br> - Scope of Occupational Health <br> - Principles of Occupational Health. <br> - Scope of Occupational Health <br> - Factors responsible for Occupational Health Hazards and Diseases: Physical Hazards, Chemical Hazards, Biological Hazards, Mechanical Hazards, Psycho - Social Hazards. <br> - Occupational diseases caused by Physical and Chemical factors |  |  |  | 10 |


| III | Communicable Diseases <br> - Meaning of Communicable Diseases <br> - Name of various Communicable Diseases <br> - Meaning, Causes, symptoms and Treatment of HIV/ AIDS <br> - Meaning, Causes, symptoms and Treatment of Hepatitis A, B and C <br> - Meaning, Causes, symptoms and Treatment of Tuberculosis and Chicken Pox <br> - Meaning, Causes, symptoms and Treatment of COVID-19 |  | 12 |
| :---: | :---: | :---: | :---: |
| IV | Non - Communicable Diseases <br> - Meaning of Non-Communicable Diseases <br> - Name of various Non-Communicable Diseases <br> - Meaning, Causes, symptoms and Treatment of various types cardiovascular disease <br> - Meaning, Causes, symptoms and Treatment of various types of Typhoid and Attention Deficit Hyperactivity Disorder (ADHD) <br> - Meaning, Causes, symptoms and Treatment of Type I and Type II Diabetes <br> - Meaning, Causes, symptoms and Treatment of Arthritis |  | 11 |
| Suggested Evaluation Methods: <br> Maximum Marks: 70 (Internal Assessment - 20 Marks + End Term Exam - 50 Marks) |  |  |  |
| ```Internal Assessment: Continuous ComprehensiveEvaluation (CCE): 20 Marks Class presentation \(=5\) Seminar/ Assignment/Quiz/class test, etc. = 5 Mid Term Test \(=10\)``` |  | End Term Exam: 50 Marks Time $=3$ hrs One question of 10 marks from each Units I to IV $=$ 40 Marks. <br> Five Questions short answer from entire syllabus = $5 \times 2$ Marks $=10$ Marks. |  |
| Part II - Practical(Internal Assessment - 10 Marks + External - 20 Marks) |  |  |  |
| Unit | Topics | Marks distribution | Contact Hours |
| I | BMI: Calculation of BMI, Categories of BMI | 5 - Marks | 7 |
| II | Calculation of Peak Expiratory Flow with Spirometer, Analysis of Peak Expiratory Flow | 5 - Marks | 8 |
| III | Measurement of Pulse Rate and Blood Pressure | 5 - Marks | 7 |
| IV | Measurement of Oxygen Saturation level, its interpretation | 5 - Marks | 8 |
|  | Internal Assessment: 10 Marks <br> Evaluation through Assignments/ Quiz/ Viva Voce/ <br> Practical Record File <br> (2.5 Marks for Each Unit) | University Exam (UE): 20 Marks <br> Evaluation through Skill of handling <br> / Demonstration/ Viva Voce/ Practic <br> (5 Marks for Each Unit) | the instrument cal Record File |
| Part C-Learning Resources |  |  |  |
| Suggested Readings: <br> - Sharma, V.K, Health \& Physical Education Saraswati House Pvt. Ltd . Daryaganj, New Delhi.(2013). <br> - Bucher Olsen and Willgoose; The Foundation of Health Prentice Hall inc. Englewood Fliffs, New Jersey,(1976). |  |  |  |

- Turner S and Smith, School Health and Health Education, The C.V. Mos by Company St.Loius (1961).
- Singh Ajmer et.al. Modern Text Book of Physical Education, Health and Sports, Kalyani Publishers, Ludhiana, (2010).
- Kang G.S. Deol N.S. An introduction to Health and Physical Education 21st century. Patiala (2008).
- Verma, K.K., "Health \& Physical Education" Parkash Brothers, Ludhiana, 2015


## $1^{\text {st }}$ Semester (Bachelor of Physical Education, Health Education and Sports Science) (According to NEP2020 from Session 2023-24)

Core Course - 3

| Part A - Introduction |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Subj |  | Physical Education, Health Education and Sports Science |  |  |  |
| Sem | ester | $2{ }^{\text {nd }}$ Semester |  |  |  |
| Nam | e of the Course | Basic Anatomy and Physiology |  |  |  |
| Cour | se Code | 23-BPE-103 |  |  |  |
| Cour | Se Type: | Core Course - 3 |  |  |  |
| Level | of the Course | 100-199 |  |  |  |
| Pre- | quisite (if any) | $12^{\text {th }}$ pass from any streams (Arts/Science/ Commerce) preferable with Sports Background. It is open for all. |  |  |  |
| Course Learning Outcomes (CLO): |  | After completing this course, the learner will be able to: <br> 1. Describe the Anatomy, Physiology and structure of Cells. <br> 2. Explain the structure of Joints and Muscular System <br> 3. Illustrate the basic knowledge about Anatomy, Physiology of Circulatory and Digestive Systems of human body <br> 4. Explain the Anatomy, Physiology of Respiratory and Excretory Systems of human body |  |  |  |
|  |  | 5. Identify name and locations of bones, muscles and organs of various systems of human body. |  |  |  |
| Credi |  | Theory | Practical |  | Total |
|  |  | 3 | 1 |  | 4 |
| Conta | t Hours | 3 hours per week | 2 hours per week (Size of practical group | 20 stud | 5 |
| Max. Part I (Inte Part II (Inte | Marks: 100 <br> Theory = 70 <br> nal Assessment <br> - Practical = 30 <br> nal Assessment | 20 Marks + End Ter <br> 10 Marks + End Ter | Exam - 50 Marks) <br> Exam - 20 Marks) | Time: <br> For End | urs <br> m Exam |
| Part B- Content of the Course |  |  |  |  |  |
| The question paper will consist of five Units I, II, III, IV and V. Units I, II, III \& IV will have two questions from their respective Units of the Syllabus and will carry 10 marks each. Unit $\mathrm{V}^{\text {th }}$ will consist of 5 short answe type questions, which will cover the entire syllabus and will carry 2 marks for each question. |  |  |  |  |  |
| Unit |  | Topics |  |  | Contact Hours |
| I | Introduction of Anatomy and Physiology <br> - Meaning and Definition of Anatomy and Physiology. <br> - Importance of Anatomy and Physiology in Physical Education and sports <br> - Cell: Structure, Properties and functions <br> - Meaning of Cell, Tissues, Organs and System. <br> - Bone: Meaning and types <br> - Skeletal System: Structure and functions of Skeletal System. <br> - Axial and Appendicular Skeleton |  |  |  | 12 |


| II | Joints and Muscular System <br> - Meaning of Joints, Types of Joints <br> - Types of Synovial Joints present in hu <br> - Meaning of Muscle, Types of muscles <br> - Gross Structure of Skeletal Muscle, <br> - Structural Classification of Skeletal m | man body present in human body scles. | 11 |
| :---: | :---: | :---: | :---: |
| III | Circulatory System and Digestive System <br> - Constituents of blood and Function of <br> - Structure of the heart <br> - Types of Blood Circulation: Systemic, <br> - Organs of Digestive System <br> - Structure and functions of the digestiv <br> - Process of Food absorption, Name and digestive juices and enzymes | blood <br> Pulmonary and Coronary <br> system, functions of various | 12 |
| IV | Respiratory System and Excretory System <br> - Organs of Respiratory system and th <br> - Structure of Respiratory system <br> - Exchange of gases in the lungs and <br> - Organs of Excretory System: kidneys <br> - Parts and Functions of the urinary sy <br> - Structure and functions of Skin. | ir functions. <br> ssues and skin tem | 10 |
| Suggested Evaluation Methods: <br> Maximum Marks: 70 (Internal Assessment - 20 Marks + End Term Exam - 50 Marks) |  |  |  |
| Internal Assessment: 20 Marks <br> Continuous ComprehensiveEvaluation (CCE): 20 Marks <br> Class presentation = 5 <br> Seminar/ Assignment/Quiz/class test, etc. = 5 <br> Mid Term Test $=10$ |  | End Term Exam: 50 Marks Time $=3$ hrs One question of 10 marks from each Units I to IV $=40$ Marks. <br> Five Questions short answer from entire syllabus $=5 \times 2$ Marks $=10$ Marks. |  |
| Part II - Practical(Internal Assessment - 10 Marks + External - 20 Marks) |  |  |  |
| Unit | Topics | Marks distribution | Contact Hours |
| I | Identification of Name and location of Human Bones on Skeleton and Chart | 10 Marks | 10 |
| II | Identification of Name and location of Major Muscles of Human Body on Model and Chart | 10 Marks | 10 |
| III | Identification of Name and Location of organs of various systems: Circulatory, Digestive, Respiratory and Excretory on Models and Charts | 10 Marks | 10 |
|  | Internal Assessment: 10 Marks <br> Evaluation through Assignments/ Quiz/ <br> Viva Voce/ Practical Record File | University Exam (UE): 20 Marks Evaluation through Viva Voce/ Practical Record File: |  |

## Part C-Learning Resources

- Singh Ajmer et.al. "Modern Text Book of Physical Education, Health and Sports", Kalyani Publishers, Ludhiana,(2010).
- Gupta, A. P. (2010). Anatomy and physiology. Agra: Sumit Prakashan.
- Gupta, M. and Gupta, M. C. (1980). Body and anatomical science. Delhi: Swaran Printing Press.
- Guyton, A.C. (1996). Textbook of Medical Physiology, 9th edition. Philadelphia: W.B. Saunders.
- Karpovich, P. V. (n.d.). Philosophy of muscular activity. London: W.B. Saunders Co.
- Lamb, G. S. (1982). Essentials of exercise physiology. Delhi: Surjeet Publication.
- Moorthy, A. M. (2014). Anatomy physiology and health education. Karaikudi: Madalayam Publications.
- Morehouse, L. E. \& Miller, J. (1967). Physiology of exercise. St. Louis: The C.V. Mosby Co.
- Pearce, E. C. (1962). Anatomy and physiology for nurses. London: Faber \& Faber Ltd.
- Sharma, R. D. (1979). Health and physical education, Gupta Prakashan.
- Singh, S. (1979). Anatomy of physiology and health education. Ropar: Jeet Publications

Minor Core Course-1

| Part A - Introduction |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Subje |  | Physical Education, Health Education and Sports Science |  |  |  |
| Sem | ster | $1{ }^{\text {st }}$ Semester |  |  |  |
| Nam | of the Course | Olympic Movement |  |  |  |
| Cour | e Code | 23-BPE-104 |  |  |  |
| Cours | Type | Minor Core Course - 1 |  |  |  |
| Level | of the Course | 100-199 |  |  |  |
| Pre-rea | quisite (if any) | Course only for students studying Physical Education, Heath Education and Sports Science as Major subject |  |  |  |
| Course (CLO): | Learning Outcomes | After completing this course, the learner will be able to: <br> 1. Describe the concept of Olympic Movement and Ancient Olympics. <br> 2. Acquire basic knowledge about Modern Olympics. <br> 3. Describe the various Types of Olympics. |  |  |  |
| Credits |  | Theory | Practical |  | Total |
|  |  | 2 | Nil |  |  |
| Contac | Hours | 2 hours per week | Nil |  | 2 |
| Max. Marks: 50 <br> (Internal Assessment - 15 Marks + End Term Exam - 35 Marks) |  |  |  | Time: 3 Hours For |  |
| Part B- Content of the Course |  |  |  |  |  |
| The question paper will consist of Four Units I, II, III \& IV. Unit I, II and III will have two questions from their respective Units of the Syllabus and will carry 10 marks each. Unit IV will consist of 5 short answer type questions, which will cover the entire syllabus and will carry 1 mark for each question. |  |  |  |  |  |
| Unit |  |  |  |  | Contact Hours |
| I |  |  |  |  | 10 |
| II | Modern Olympic Games <br> - Revival of Olympic Games <br> - Olympic Symbols: Motto, Rings, Flag, Medals, Flame, Torch Relay and Anthem <br> - Opening ceremony, Closing ceremony, medal ceremony <br> - Olympic Protocol for member countries <br> - Indian Performance in Modern Olympics |  |  |  | 10 |
| III | Different Olympic Games <br> - Paralympics Games: Brief History and symbols. Its relation with other Olympics <br> - Winter Olympics: Brief History and symbols. Its relation with other Olympics <br> - Youth Olympic Games: Brief History and symbols. Its relation with other Olympics <br> - Indian Performance in Modern Paralympics, Winter and Youth Olympics. |  |  |  | 10 |


| Suggested Evaluation Methods: |
| :--- |
| Maximum Marks: 50 (Internal Assessment - 15 Marks + End Term Exam - 35 Marks) |

Internal Assessment:
Continuous ComprehensiveEvaluation (CCE): 15 Marks
Class presentation = 4
Seminar/ Assignment/Quiz/class test, etc. = 4
Mid Term Test = 7

End Term Exam: $\mathbf{3 5}$ Marks Time = 2 hrs
One question of 10 marks from each Units I to III = 30 Marks.
Five Questions short answer from entire syllabus = $5 \times 1$ Marks = 5 Marks.

## Part B - Learning Resources

Suggested Readings:

- Ajmeer Sing, Jagdish Bans, Jagtar Sing Gill , Rachpal Singh Brar and Nirmaljit Kaur Rathee ( 2004) Essentials of Physical Education, New Delhi: Kalyani Publisheres.
- Burbank, J. M., Andranovich, G. D. \& cHeying Boulder, C. H. (2001). Olympic dreams: the impact of mega-events on local politics: Lynne Rienner Osborne, M. P. (2004).
- Magictree House Fact Tracker: Ancient Greece and the Olympics: A Nonfiction Companion To Magic Tree House: Hour of the Olympics. New york: random house books for young readers.

