### List and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

#### List of Courses

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Course Name</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Human Values</strong></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>B.A. 1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>Psychology</td>
</tr>
<tr>
<td>2</td>
<td>B.A. 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Psychology</td>
</tr>
<tr>
<td>3</td>
<td>B.A. 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Psychology</td>
</tr>
<tr>
<td>4</td>
<td>B.Sc Biotech Hons. 1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>Life Science</td>
</tr>
<tr>
<td>5</td>
<td>B.Voc FPQM 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Soft Skills and Personality Development</td>
</tr>
<tr>
<td>6</td>
<td>B.Voc FPQM 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Value Education and Human Rights</td>
</tr>
<tr>
<td>7</td>
<td>B.Voc MLT 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Value Education and Human Rights</td>
</tr>
<tr>
<td>8</td>
<td>B.Voc FPQM 4&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>9</td>
<td>B.Com 1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>Principles &amp; Practices of Management</td>
</tr>
<tr>
<td>10</td>
<td>B.Com 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>11</td>
<td>B.Com 6&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Financial Management</td>
</tr>
<tr>
<td>12</td>
<td>M.P.Ed 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Exercise Physiology</td>
</tr>
<tr>
<td>13</td>
<td>M.P.Ed 1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>Yogic Science</td>
</tr>
<tr>
<td>14</td>
<td>M.P.Ed 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Sports Psychology</td>
</tr>
<tr>
<td>15</td>
<td>B.A. 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Physical Education</td>
</tr>
<tr>
<td>16</td>
<td>B.A. 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Political Science</td>
</tr>
<tr>
<td>17</td>
<td>B.A. 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Political Science</td>
</tr>
<tr>
<td></td>
<td><strong>Professional Ethics</strong></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>B.Voc FPQM 6&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Total Quality Management</td>
</tr>
<tr>
<td>19</td>
<td>B.Voc FPQM 1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>Food Quality Control</td>
</tr>
<tr>
<td>20</td>
<td>B.Voc FPQM 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Business Ethics</td>
</tr>
<tr>
<td>21</td>
<td>B.Voc FPQM 5&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Introduction to Research Methodology and Report Writing</td>
</tr>
<tr>
<td>22</td>
<td>B.Voc FPQM 5&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Food safety and Food laws</td>
</tr>
<tr>
<td>23</td>
<td>B.Voc FPQM 6&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Entrepreneurship Development Programme</td>
</tr>
<tr>
<td>24</td>
<td>B.Voc 6&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Food Microbiology</td>
</tr>
<tr>
<td>25</td>
<td>B.Voc 6&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Social Business Ethics</td>
</tr>
<tr>
<td>26</td>
<td>B.Com 5&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Entrepreneurship and small business</td>
</tr>
<tr>
<td>27</td>
<td>B.Com 6&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Social and Business Ethics</td>
</tr>
<tr>
<td>28</td>
<td>BBA 5&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Sales Distribution Management</td>
</tr>
<tr>
<td>29</td>
<td>B.P.Ed 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Organization and Administration</td>
</tr>
<tr>
<td>30</td>
<td>M.Com 1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>Organization Theory and Behaviors</td>
</tr>
<tr>
<td>31</td>
<td>M.Com 1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>Market Management</td>
</tr>
<tr>
<td>32</td>
<td>M.Com 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Business Environment</td>
</tr>
<tr>
<td>33</td>
<td>M.Com 4&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Business Ethics and Corporate Governance</td>
</tr>
<tr>
<td>34</td>
<td>M.P.Ed 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Management of Physical Education &amp; Sports</td>
</tr>
<tr>
<td>35</td>
<td>M.P.Ed 3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>Scientific Principles of Sports Training</td>
</tr>
<tr>
<td>36</td>
<td>B.Sc Biotech Hons 6&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Intellectual Property Rights &amp; Ethical Issues In Biotechnology &amp; Entrepreneurship</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>B.A. 5&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Psychology</td>
</tr>
<tr>
<td>38</td>
<td>B.A. 5&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Psychology</td>
</tr>
<tr>
<td>39</td>
<td>M.A. English 4&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>Paper I Literary Theory</td>
</tr>
<tr>
<td>40</td>
<td>M.A. English 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>Paper vi.- Approaches to Literature - II</td>
</tr>
<tr>
<td>41</td>
<td>M.A. History 2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environment &amp; Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
</tr>
<tr>
<td>43</td>
</tr>
<tr>
<td>44</td>
</tr>
<tr>
<td>45</td>
</tr>
<tr>
<td>46</td>
</tr>
</tbody>
</table>

*Principal signature*

G.H.G Khalsa College
Gurusar Sadhar (Ludhiana)
Objectives:

(I) The course introduces to the students the general concepts and historical viewpoints in general psychology. The students would also get an understanding of the principles and theories in different areas like personality, motivation, intelligence, etc. The course also apprises them of the concept of growth and development and also introduces them to the elementary statistics.

(II) Pedagogy of the Course Work:

80% Lectures (including expert lectures).
20% assignments, discussion and seminars and tests.

Paper: GENERAL PSYCHOLOGY-I

Max. Marks : 80
Theory : 70 marks
Internal Assessment : 10 marks
Time : 3 Hours

INSTRUCTIONS FOR THE PAPER-SETTER AND THE CANDIDATES:

There shall be 9 questions in all. The first question shall be short answer type containing 12 short questions spread over the whole syllabus and each to be answered in about 25 to 30 words. The candidate is required to attempt any 7 short answer type questions i.e. 2 marks each. It shall carry 14 marks and shall be Compulsory question. Rest of the paper shall contain 4 Units. Each Unit shall have two questions and the candidates shall be given internal choice i.e. the candidates shall attempt one question from each Unit – 4 in all. Each question will carry 14 marks.

Unit I

Nature of Psychology, Goals and Branches of Psychology, Historical Evolution of Psychology, Development of Psychology in India.

Unit II

Emotions : Definition and Concept of Emotions, Types of Emotions, Theories of Emotions (James-Lange, Cannon-Bard, Schuerer-Ninger Theory), Introduction to Emotion Intelligence.

Unit III

Unit IV

Motivation: Definition, Nature, Concept. Types of Motives (Physiological, Psychological, Social): Theories of Motivation: Humanistic (Maslow), Need Theories (McClelland and Murray).

Note: The use of non-programmable calculators and statistical tables is allowed in the examination.

PSYCHOLOGY PRACTICALS

Four practicals have to be performed out of six:

1. Level of Aspiration.
2. Facial Expressions in Emotions
4. Measurement of Motivation
5. Zeigarnik Effect
6. Familiarization of any five apparatuses

Suggested Readings:


..........
Objectives:

(I) The course introduces to the students the general concepts and historical viewpoints in general psychology. The students would also get an understanding of the principles and theories in different areas like personality, motivation, intelligence, etc. The course also apprises them of the concept of growth and development and also introduces them to the elementary statistics.

(II) Pedagogy of the Course Work:
80% Lectures (including expert lectures).
20% assignments, discussion and seminars and tests.

Paper: GENERAL PSYCHOLOGY-II

Max. Marks: 80
Theory: 70 marks
Internal Assessment: 10 marks
Time: 3 Hours

INSTRUCTIONS FOR THE PAPER-SETTER AND THE CANDIDATES:

There shall be 9 questions in all. The first question shall be short answer type containing 12 short questions spread over the whole syllabus and each to be answered in about 25 to 30 words. The candidate is required to attempt any 7 short answer type questions i.e. 2 marks of each. It shall carry 14 marks and shall be Compulsory question. Rest of the paper shall contain 4 Units. Each Unit shall have two questions and the candidates shall be given internal choice i.e. the candidates shall attempt one question from each Unit – 4 in all. Each question will carry 14 marks.

Unit I

Personality – Concept, Trait Theories (Eysenck, Costa and M Crae), Psychoanalytic Theory (Freud).
Humanistic Theory (Rogers). Measurement of Personality, (Self Report Measures, Projective Techniques and Behavioural Assessment)

Unit II


Correlation - Meaning of Correlation, Rank Order and Product Moment-Correlation and Interpretation.
Unit III

Development: Concept, Heredity and Environmental Influences. Theories of Development: Erickson, Psychosocial Theory, Piaget's theory of Cognitive Development.

Unit IV

Intelligence: Concept, Theories of Intelligence: Spearman, Thurstone, Cattell, Guilford. Measurement of Intelligence (Verbal and Non Verbal Test and Individual and Group Tests).

Note: The use of non-programmable calculators and statistical tables is allowed in the examination.

PSYCHOLOGY PRACTICALS

Four practicals have to be performed out of the following:

1. Verbal Test of Intelligence
2. Non Verbal Test of Intelligence
3. Performance Test of Intelligence.
4. McCosta & Crae NEO Big Five Personality Inventory,
5. Interest Inventory.
6. Familiarization of any five apparatuses

Suggested Readings:

PSYCHOLOGY
B.A. (GENERAL) SECOND YEAR EXAMINATION, 2019-2020
SEMIESTER-III

Objectives:
(I) The course introduces to the students the general concepts and historical viewpoints in experimental psychology. The students would also get an understanding of the Nervous System, Psychophysics, and Learning. This course will also give an insight into psychophysics, statistics and cognitive aspects of Psychology.

(II) Pedagogy of the Course Work:
80% Lectures (including expert lectures).
20% assignments, discussion and seminars and tests.

Paper: EXPERIMENTAL PSYCHOLOGY

Max. Marks : 80
Theory : 70 marks
Internal Assessment : 10 marks
Time : 3 Hours

INSTRUCTIONS FOR THE PAPER-SETTER AND THE CANDIDATES:

There shall be 9 questions in all. The first question shall be short answer type containing 12 short questions spread over the whole syllabus and each to be answered in about 25 to 30 words. The candidate is required to attempt any 7 short answer type questions i.e. 2 marks of each. It shall carry 14 marks and shall be Compulsory question. Rest of the paper shall contain 4 Units. Each Unit shall have two questions and the candidates shall be given internal choice i.e. the candidates shall attempt one question from each Unit A in all. Each question will carry 14 marks.

Unit I
The Nervous System: Structure and functioning of the neuron; division of nervous system - Central Nervous System and Peripheral Nervous System; Structure and functioning of the brain.

Unit II
Sensation
Concept and types; Vision-The Visual Stimulus, Structure and Functioning of the Eye, Theories of Colour Vision; Audition: The Auditory Stimulus, Structure and Functioning of the Ear, Theories of Hearing.

Unit III
Psychophysics
Thresholds; Psychophysical Methods of Limits, Constant stimuli and Average Error.

Unit IV
Learning
Concept, Classical Conditioning, Operant Conditioning, Observational Learning.
1. Computation of mean, variance and standard deviation using given (preferably biological) data (2 to 3 practicals).
2. Sets (Venn-Diagram, Union, Intersection, Difference of sets, Symmetric Difference of sets, Complement of sets) (2 practicals).
3. Relations (graphical representation of relation from set A to set B or set A to set A) (1 practical).
4. Functions (Graph of standard functions, modulus, greatest, integer, exponential, logex, signum, sin, cos, tan, cot, sec, cosec,) (2 to 3 practicals).
5. Increasing and Decreasing (Polynomial functions)- wavy curve method (2 practicals).

Instructions for paper setters and candidates

Set nine questions in all. All questions carry equal marks.
Five questions to be attempted.
Question number one will be compulsory having 7-10 short answer types covering the whole syllabus (Not objective type and no short notes).
Set two questions from each Unit, and each question should be further divided in two to three parts. Any one question to be attempted from each unit.

Objectives:

To increase scientific vocabulary and understanding of a variety of life science concepts.
To learn about the anatomy and physiology of animals and animal systems.
To study ecology and ecosystems.

Unit-I
An introduction to life on earth.
Plant Anatomy and Physiology:-
Structure of land plants: Vascular system of dicot and monocot plants
Nutrition and Transport phenomena in plants.
An Introduction to Plant reproduction.
Plant responses to the environment (Short day and Long day Plants).

Unit-II
Ecology:- Community interactions.
Ecosystems:- Definition and components.
Food chain and food web.
Habitat.
Ecological succession.
Types of succession.

Unit-III
Animal Anatomy and Physiology:-
**GEN 201: SOFT SKILLS AND PERSONALITY DEVELOPMENT**

**Objective:** To expose the students to the concept of ‘Human Development’ (Personal and interpersonal) with emphasis on the latent resources that every human being possesses. To fulfill the need and importance of creating an awareness of these resources and to maximize the same to enable the students meet the challenges of the modern world.

**Instructions:**
- The syllabus of this paper has been divided into FOUR units.
- Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- All questions carry equal marks.

**UNIT-I**
**Attitude; Process of attitude formation**

**UNIT-II**
**Development of Communication & Co-operation**

**UNIT-III**
**Introduction to Personality**

**UNIT-IV**
**Co-ordination while working in a team**
Leadership styles. Leader & Team player. Management of conflict. Profiles of great and successful personalities. Role of career planning in personality development. How to face personal interviews and group discussions.
Objective: The objective of this paper is to impart basic human values to students through formal education and contribute to making the student a true human being, who is able to face life and make it meaningful.

Instructions:
- The syllabus of this paper has been divided into FOUR units.
- Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- All questions carry equal marks.

UNIT I
Value Education: Its purpose and significance in the present world; Value system – The role of culture and civilization; Holistic living – Balancing the outer and inner – Body, Mind and Intellectual level- Duties and responsibilities.

UNIT II
Salient values for life- Truth, commitment, honesty and integrity, forgiveness and love, empathy and ability to sacrifice, care, unity , and inclusiveness, Self-esteem and self-confidence, punctuality – Time, task and resource management – Problem solving and decision making skills- Interpersonal and Intra personal relationship – Team work – Positive and creative thinking

UNIT III

UNIT IV
Social Evils – Corruption, Cyber crime, Terrorism – Alcoholism, Drug addiction – Dowry – Domestic violence – untouchability – female infanticide – atrocities against women- How to tackle them

Books Recommended:
- ‘Education and Human Values’ by M.G.Chitakra, A.P.H. Publishing Corporation, New Delhi, 2003
Objective: The objective of the paper is to understand the basic concepts of the natural environment, to identify the different sources of pollution and their related effects, and to have awareness about the conservation strategies and laws followed in India.

Instructions:
- The syllabus of this paper has been divided into FOUR units.
- Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- All questions carry equal marks.

UNIT I
**Basics of environment:** Introduction, concept of biosphere—lithosphere, hydrosphere, atmosphere. Ecology, types of ecosystems, natural resources-types, importance, conservation.

UNIT II
Renewable and non-renewable resources. Concept of sustainable development. Biodiversity: definition, hotspots, national parks, biosphere reserves, wildlife sanctuaries.

UNIT III
**Pollution:** Air, water, soil, noise and marine, Natural and anthropogenic sources of pollution. Effects of different types of pollutions Primary and secondary pollutants. Radioactive and thermal pollution. Acid rain.

UNIT IV
**Global environment issues:** Ozone depletion, global warming and climatic change. Environmental conservation strategies and projects in India, Ganga action plan, Yamuna action plan, Project tiger etc. Environmental laws in India.

Books Recommended:
- 'Environmental Challenges and Solutions’ by Robert Jr. Cabin.
BCM 107: PRINCIPLES AND PRACTICES OF MANAGEMENT

Objective: The objective of the paper is to help the students in understanding the process of business management and its functions.

UNIT I


UNIT II

**Direction** Concept, Features, Importance and Limitations of Direction. Elements of Direction-Supervision, Motivation, Leadership and Communication

**Coordination:** Concept, Features, Importance and Limitations of Coordination. Internal and External Coordination

**Control:** Concept, Features, Importance and Limitations of Control. Control Process. Essentials of a Good Control System. Techniques of Control. Relationship between Planning and Control

Reference books:

1. Peter F. Drucker, 'The Practice of Management'
2. Weihrich and Koontz, 'Essentials of Management'
3. Stoner and Freeman, 'Management'
4. David R Hampton, 'Modern Management'
Objective: The objective of the paper is to familiarize the students with the different aspects of managing human resource in the organization.

UNIT – I


UNIT – II


Performance Appraisal: Concept, Objectives, Methods of Performance Appraisal; How to Make it Effective.

Internal Mobility and Transfers: Promotions, Demotions and Other Forms of Separations, Definitions, Purpose, and Basis of Promotions. Transfer: Definitions, Purpose, Types and Transfer Policy.

Compensation Management: Concept, Methods of Wage payments and Incentive Plans, Fringe Benefits.

Reference books:
Objective: The objective of the paper is to familiarize the students with Principles and Practices of Financial Management.

UNIT- I


UNIT- II


Reference books:

EXERCISE PHYSIOLOGY

UNIT - I: INTRODUCTION TO EXERCISE PHYSIOLOGY
- Definition of Physiology and Exercise Physiology
- Importance and Role of Exercise Physiology in the field of Physical Education and Sports
- Muscle
  - Structure and Function
  - Different types of muscles (Voluntary, Involuntary and Cardiac)
  - Theories of muscular contraction
    - Sliding filament Theory
    - Molecular mechanism of muscular contraction
    - Chemical composition of skeletal muscle
    - Muscle fiber type (Red and White muscle)

UNIT - II: BIOENERGETICS, NEURO-MUSCULAR JUNCTION AND CO-ORDINATION OF MUSCULAR ACTIVITY
- Fuel for muscular Work (ATP)
- Energy of muscular contraction
- Various changes during muscular contraction
- Heat production and thermodynamics of muscle contraction
- Aerobic and Anaerobic muscular activity

Neuro-Muscular Junction and Co-Ordination of Muscular Activity
- Neurons and Motor Unit
- Transmission of nerve impulse
- Bio- electric potentials
- Neuro- muscular junction and transmission of nerve impulse across it
- Proprioception and kinesthesia – tone, posture and equilibrium

UNIT- III: PHYSIOLOGICAL CHANGES DUE TO EXERCISE, EFFECT OF CONDITIONING AND TRAINING
- Immediate effect of exercise / Work on various systems of body
- Cardio- respiratory, muscular and thermo- regulatory systems
- Heart and circulatory systems
- Respiratory System
- Brief discussion on other system during rest, sub-maximal and maximal work
- Oxygen dept forced expiratory volume Breathing capacity, Recovery rate Blood supply to skeletal muscle and regulation of blood flow during exercise (Microcirculation)

UNIT-IV: ENERGY COST OF VARIOUS SPORTS ACTIVITY, WORK AND ENVIRONMENT
- Definition of Energy cost.
- Energy cost of various sports activities assessing them.
Note: Nine questions will be set. Question number one will be compulsory of 20 marks with ten short types of answers covering the entire syllabus. Four questions are to be attempted selecting one from each unit and each question will carry 15 marks.

UNIT-I: FOUNDATION OF YOGA
- Meaning, Definition, types, aims and objectives of yoga
- Importance of yoga in education & other fields of life.
- Historical development of yoga from ancient to modern times.

UNIT-II: TRAINING PROCESS OF YOGA
- Asanas: Their meeting, types of Asanas, preparation & technique of different asanas and their effects on the body.
- Pranayama: Their meaning, types of pranayama, preparation & technique of different pranayama and their effects on the body.
- Shatkriyas: Their meaning, types, preparation & benefits of Shatkriyas on the body Neti, Dhauti, Nauli, Basti, Kapal bhati tratak
- Bandhas: Meaning, types, techniques their benefits on human body. (Jalandhar, Uddyana, mool & Maha bandha)

UNIT-III: ASHTANG YOGA, MEDITATION, RELAXATION
- Meaning, types, principal of ashtang yoga.
- Meaning, technique and benefit of meditation on the human body.
- Meaning, technique of relaxation to reduce physical & mental stress.

UNIT-IV: WELLNESS & NUTRITION
- Naturopathy
- Cure of injuries & various diseases through yoga.
- Psycho-Physical & Spiritual effectiveness.
- Yogic diet
- Message Yogic Nidra

Practical
1. Asanas
2. Prayer
3. Asanas, pranayama, shatkarma, bandha (as mentioned in theory)
4. Yoga-nidra/relaxation techniques
5. Visit to yoga centre

REFERENCES
5. Harvey, Paul “Yoga for Everybody”, (2001) Tucker Slings by Publisher Ltd.
Paper- XII (MPEC-301)
SPORTS PSYCHOLOGY

Total Marks : 100
Theory Marks : 80
Sessional Marks : 20

Note: Nine questions will be set. Question number one will be compulsory of 20 marks with ten short types of answers covering the entire syllabus. Four questions are to be attempted selecting one from each unit and each question will carry 15 marks.

UNIT- I: SPORT PSYCHOLOGY AND SENSORY PERCEPTUAL PROCESS
- Meaning and scope of sport psychology
- Importance of sport psychology
- Divisions of sport psychology
- Sensory Perceptual Process:
  - Meaning, mechanism and stages of sensory perceptual process
  - Classification of senses and sensory perceptual process
  - Factors in perception
  - Implication of sensory-perceptual process in exercise and sport

UNIT-II: PSYCHOLOGICAL SKILLS, PERSONALITY AND ANXIETY IN SPORT
- Attention, Concentration, Confidence, Imagery and their influence on sports performance
- Concept and definition of personality
- Modern perspective, trait, humanistic, social cognitive and biological theories
- Dynamics of personality in activity and sport
- Anxiety: Concept, definition and types of anxiety, Anxiety and arousal, Effects of anxiety on physical performance

UNIT-III: MOTIVATION, MOTOR DEVELOPMENT AND LEARNING
- Concept, definition and types of motivation
- Theories of motivation (drive, need and instinct theories)
- Motivation in activity and sports
  
  Motor Development and Learning:
  - Understanding motor development and motor learning
  - Motor development and learning in infants and children
  - Factors affecting motor development and motor learning
  - Flow in sports

UNIT-IV: SOCIO-CULTURAL FACTORS AFFECTING PERFORMANCE AND
PSYCHOLOGICAL PREPARATION
- Social ethics and sport
- Attitude towards activity and sport
- Team (group) cohesion

Spectators, Psychological Preparation and Performance
- Types of spectators- crowd, fans
- Facilitation and debilitating effects of spectators on performance
- Psychological preparation for competition
PHYSICAL EDUCATION

B.A. (GENERAL) THIRD SEMESTER EXAMINATION, 2017

Max. Marks : 65
Theory : 60 marks
Internal Assessment : 05 marks
Time : 3 Hrs.

INSTRUCTIONS FOR THE PAPER-SETTER AND STUDENTS:

(i) There shall be nine questions in all, spread over five units.
(ii) First question/unit is compulsory. It will contain six short answer type questions, spread over the whole syllabus to be answered in brief. It will carry 12 marks.
(iii) Rest of the paper shall contain four units for descriptive questions. Each unit shall have two questions and the students shall be given internal choice i.e. the students shall attempt one question from each unit.
(iv) All questions/units will carry equal marks.
(v) Private candidates and the students of the University School of Open Learning (USOL) will not be allowed to take this subject.

UNIT-I

Entire syllabus given in the Units II to V will be covered to set six short answer type questions in first question/unit of the question paper which is compulsory.

UNIT-II

Psychological Basis of Physical Education:

- Meaning of Psychology and Sports Psychology.
- Psychological factors effecting physical performance.
- Meaning of Learning.
- Laws of Learning.
- Learning curve, its types, characteristics and implications in Physical Education and Sports.
- Psychological characteristics and problems of an adolescent.
- The role of Physical Education and Sports in solving the problems of an adolescent.

UNIT-III

Motivation:

- Meaning, definitions, types and methods of motivation.
- Importance of motivation in Physical Education and Sports.
Transfer of Training:
• Meaning, definitions, types and factors affecting transfer of training.

UNIT-IV
• Meaning, definitions, characteristics, dimensions and traits of personality.
• Factors affecting development of personality (Heredity and Environment).
• Role of physical activities in Personality Development.

Sports and Socialization:
• Meaning and definitions of socialization, socialization through sports.

UNIT-V
Politics, Economy, Media and Sports Performance:
• Role of politics and economy in the promotion of games and sports.
• Role of media in promotion of sports.
• Causes of deterioration and suggestions for the improvement of Sports Performance.

Softball:
• History of the game.
• Basic fundamentals.
• Equipment and specifications.
• Marking/layout of field.
• Rules and regulations (number of players, number of officials required and general rules of play).
• Major tournaments of the game.

References:
Objectives: The aim of this paper is to deepen and expand the knowledge of the student in Political Science. It introduces higher level concepts and themes in political theory. It will provide students with the tools to engage with some key political issues of our times.

INSTRUCTIONS FOR THE PAPER-SETTER AND THE CANDIDATES:

(a) There shall be 9 questions in all.

(b) In Question No. One, 15 short answer type questions be asked spreading over whole syllabus to be answered in 10-20 words each. The students shall have to attempt 9 short answer type questions i.e. 2 marks of each. It shall carry 18 marks and shall be a compulsory question.

(c) Rest of the paper shall contain 4 Units. Each Unit shall have two questions and the candidates shall be given internal choice. The candidates shall attempt one question from each Unit i.e. 4 in all of 18 marks each.

(d) For private and reappear candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper-setter must put note (d) in the question paper.

Unit-I

1. *Power, Authority, Legitimacy*: Meaning and Characteristics

Unit-II

Unit-III

1. Liberty: Meaning, Types & its Safeguards.
2. Equality: Meaning, Types and Relationship between Liberty and Equality.

Unit-IV

3. Theories of Democracy: Elite and Marxian.

Books Recommended:

Objectives: This paper provides students with a basic knowledge of the fundamental elements and institutions of government, politics and processes in India at both the central and state levels.

GENERAL INSTRUCTIONS FOR THE PAPER-SETTERS AND CANDIDATES:

(i) The syllabus has been divided into four units:

There shall be 9 questions in all. The first question is compulsory and shall be short answer type containing 15 short questions spread over the whole syllabus to be answered in about 10-20 words each. The candidates are required to attempt any 9 short answer type questions carrying 18 marks i.e. 2 marks of each. Rest of the paper shall contain 4 units. Each unit shall have two essay type questions, and the candidate shall be given internal choice of attempting one question from each unit – 4 in all. Each question will carry 18 marks.

(ii) For private candidates, who have not been assessed earlier for internal assessment, the marks secured by them in theory paper will proportionately be increased to maximum marks of the paper in lieu of internal assessment.

The paper setter must put note (ii) in the question paper.

Unit-I

1. Basic Features of Indian Constitution.
2. Preamble and its perceptions.
3. Indian Federalism- Meaning & its features.
4. Centre State Relations (Legislative, Administrative & Financial)

Unit-II

1. Fundamental Rights (Art14-Art 32)- Meaning, Explanation, Criticism & Importance.
2. Fundamental Duties- Meaning, Explanation, Evaluation (Criticism & Importance).
3. Directive Principals of State Policy (Art 36- Art 51)- Liberal, Socialist, International, Gandhian-
   Meaning, Explanation, Sanctions, Criticism & Importance.

Unit-III

1. President : Election, powers, position and changing role.
2. Parliament : Composition, powers and role.
3. Cabinet –
   a) Parliamentary features
   b) Prime Minister : Election, powers, position and changing role.
4. Supreme Court : Composition, powers & Judicial Review.

Unit-IV

1. Governor : Appointment, powers and role.
2. State Legislature : Composition, powers and role of Legislative Assembly/Vidhan Sabha.
3. Council of Ministers and Chief Minister : Election, powers, position and role.
4. High Court : Composition, powers and its role.
Objective: The objective of the paper is to provide knowledge to students of the concepts of total quality management and to inculcate among them a concern for quality and customer satisfaction.

Instructions:
- The syllabus of this paper has been divided into FOUR units.
- Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- All questions carry equal marks.

UNIT I
Introduction: Definition of Quality, Dimensions of Quality, Quality Planning, Quality costs and its Analysis, Basic concepts of Total Quality Management, Principles of TQM.

UNIT II
UNIT III

Business Process Reengineering (BPR)
Benchmarking – Introduction, Reasons, Process, Quality
Function Deployment (QFD) – House of Quality, Benefits, Taguchi Quality Loss Function, Total
Productive Maintenance (TPM)

UNIT IV

Latest Challenges of Quality,
9000 and Other Quality Systems, ISO 9000:2000 Quality System– Elements, Implementation of
Quality System, Documentation, Quality Auditing; ISO 14000, Requirements and Benefits.

Books Recommended:

    Press.
  • ‘Quality Management – Concepts and Tasks’ by V. Narayana & N.S. Sreenivasan, New
    Age International.
  • Total Quality Management for Engineers’ by Zeiri, Wood Head Publishers.

*************

Paper Title: RSC 603 - Industrial Training

Industrial Training of 5-6 weeks of 6 credits in each year followed by Report Writing and Viva-voce.
These credits will be evaluated in Semester VI.

*************
Job Role:
Food quality control manager: To determine and establish quality standards for food products and is responsible for ensuring that food products produced meet standards set by both the organisation and regulatory authorities.

Objectives:
1. To understand the different principles and functions of food quality control department.
2. To understand various food laws and regulations

Instructions for Examiner:
1. The syllabus of this paper has been divided into FOUR units.
2. Examiner will set a total of NINE questions comprising two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
3. The students are required to attempt one question from each unit and the entire compulsory Question No. 1.
4. All the questions carry equal marks.

UNIT-I
Objectives, functions and principles of quality control. Difference between food quality control and quality assurance, assessment of raw materials and finished products (quality control) of baking industry.

UNIT-II
Total quality management (TQM) – Principles of quality management, good manufacturing practices, good hygienic practices, good lab practices, general awareness and role of management practices in quality control.
Quality Attributes: Size, shape, colour, aroma and texture. Microbial quality control: an overview

UNIT-III
Food laws and regulations, grade and standards, concepts of Codex Alimentarius, HACCP, USFDA, ISO 9000 series etc, Food standards and safety Act: salient provisions and prospects, role of various food standards in India - PFA, FPO, AGMARK and BIS.
UNIT-IV

Sensory quality evaluation: Introduction, methods, panel screening, selection methods, Sensory and instrumental analysis in quality control.

Food adulteration, nature of adulteration, methods of evaluation of food adulterants and toxic constituents of bakery products.

Practical based on FPQM-105

1. Techniques of quality assessment of different natural and processed foods.
2. Documentation of details of baking ingredients, process and finished products used in baking industry.
3. Quality evaluation of milk and milk products
4. Sensory methods for measuring food quality assessment of raw materials used and processed bakery products
5. Instrumental methods for measuring food quality assessment of raw materials used and processed bakery products
6. Study of cleaning and sanitizers used in pre and post-operative processes in bakery industry
7. Listing of quality control agencies at national and international levels

Suggested Resources for Reading:


Semester II

Paper Title: GC 202 - BUSINESS ETHICS

Objective: The objective of this paper is to familiarize the students with the importance of ethics in business and understanding of issues related to corporate social responsibility and corporate governance.

Instructions:

☐ The syllabus of this paper has been divided into FOUR units.

☐ Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.

☐ The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.

☐ All questions carry equal marks.

Unit I

Business Ethics: Meaning and Concept, Principles of Business Ethics, Characteristics of Ethical Organisations, Theories of Business Ethics.

Unit II


Unit III

Professional Values: Objectives, Morals, Values; Ethics, Integrity, Work ethics, Service learning, Virtues, Respect for others, Living peacefully, Caring, Sharing, Honesty, Courage, Valuing time, Cooperation, Commitment, Empathy, Self-confidence, Challenges in the work place, spirituality

Unit IV

Corporate Social Responsibility: Social Responsibility of business with respect to different
Objective: The objective of the module is to familiarize the students with basics of research methodology like types of research, data collection, sampling techniques and report writing.

Instructions for Examiner:
1. The syllabus of this paper has been divided into FOUR units.
2. Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
3. The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
4. All questions carry equal marks.

UNIT I

UNIT II
Primary and Secondary data. Methods of data collection. Measurement and scaling, Designing of Questionnaire and schedule.

UNIT III
Sampling Design and Sampling procedure. Sampling and non sampling errors. Data analysis and interpretation. Role of computers in research.

UNIT IV

Suggested Resources for Reading:
Latest Editions of the following books may be used:

Paper Title: Food safety and food laws

Paper code: FPQM-505

Objectives:
- To understand the importance of food safety.
- To study implementation of food safety systems.
- To study national and international food standard and laws.

Instructions for Examiner:

The syllabus of this paper has been divided into four units. Examiners will set a total of nine questions comprising two questions from each unit, and one compulsory question of short answer type covering the whole syllabus. The students are required to attempt one question from each. All questions carry equal marks.

Unit-1
Introduction to food safety—definition, factors affecting food safety, importance of safe foods. Food borne pathogenic microorganisms, parasites, food poisoning/food intoxication.

Unit-2
Food safety management system—pre-requisite of food hygiene-GHP,GLP, GAP, GMP, HACCP,ISO-22000. FQM. Steps involved in implementation of food safety programmes, Quality management system in India, applications in different food industries.

Unit-3
Hygiene and sanitation—importance of personal hygiene of food handlers—habits, clothes, illness, Education in food handling and service. Cleaning agents and disinfectants, food sanitation—principles and methods, control and inspection.

Unit-4
Food safety laws and regulation—detailed study of FPO. Weights and Measures act, FSSAI, ISO, USFDA.

Practicals based on FPQM-505:
1) Preparation of HACCP chart for Food industry.
2) Quality evaluation of oils and fats.
3) Quality evaluation of fruit and vegetables.
4) Quality evaluation of meat and poultry.
5) Quality evaluation of cereal industry.
6) Quality evaluation of dairy industry.
7) Visit to different food industries and study the implementation of HACCP,ISO 22000 systems.
Objective: EDPs aim at training various target groups in entrepreneurial traits so that they obtain adequate information, motivation and guidance in setting up their own enterprises.

Instructions:
- The syllabus of this paper has been divided into FOUR units.
- Examiner will set a total of NINE questions comprising Two questions from each unit, including Question No. 1 (compulsory) of short answer type covering the whole syllabus.
- The students are required to attempt one question from each unit and the entire Compulsory Question No. 1.
- All questions carry equal marks.

UNIT-I


UNIT-II

**Small Business as a Seed Bed of Entrepreneurship:** Concept of business venture. The start-up process, Concept, Plan, Implementation, Initial Strategic Planning, Product and Marketing Scope, Legal and Tax consideration, Risk analysis and financial considerations. Profit Planning in Small Enterprise: Growth Strategies and diversification.

UNIT-III


UNIT-IV

Suggested resources for reading:

1. Adam MR and Moss MO Food microbiology New Age International (P) Ltd. ND
2. Potter NN Food Science CBS Publishers ND.
3. Food Safety by Ian C Shaw Wiley Blackwell.

Paper Title: FOOD MICROBIOLOGY
Paper code: FPQM 603

Credits:6  
6th Sem

Job role- Food Microbiologist: To identify various microorganisms associated with food and to analyse the microbiological quality of different food products.

Objectives:

- To understand the isolation methodology of microorganisms
- To identify the microorganisms of food products of plant and animal origin.
- To learn about Food borne diseases and microorganisms.

Instructions for Examiner:

The syllabus of this paper has been divided into four units.
Examiner will set a total of nine questions comprising two questions from each unit, and one compulsory question of short answer type covering the whole syllabus.
The students are required to attempt one question from each All questions carry equal marks.

UNIT-1
INTRODUCTION- discovery of microbial world, application of microbiology and its relevance to food technology, theory of spontaneous generation, germ theory of disease, kosh's postulates, pure culture concept, nature and properties of prokaryotic and eukaryotic.

Unit-2
Microscopy- light microscope- resolving power, magnification, bright field, dark field, electron microscopy, scanning electron microscope

Unit-3
Food as nutrients for various micro-organism, factors affecting the growth and survival of micro-organisms in food., general features and importance of different group of bacteria, yeast and molds important in food, methods of microbial examination of food and food products. Definition of growth, growth cycle, growth rate, generation time, measurement of growth.
Objectives: The basic objective of this course is to help the learners understand various issues involved in setting up a private enterprise and develop required entrepreneurial skills in economic development. It also aims to motivate students to opt for entrepreneurship and self-employment as alternate career options.

UNIT-I


Women Entrepreneurship: Problems Faced, Suggestions, Role of Government to promote women entrepreneurship; Socio-economic Environment.

Business Planning: Entrepreneurial Development Programmes—their Relevance and Achievement, Role of Government in Organizing EDPs.

UNIT-II

Small Scale Business: Seed Bed of Entrepreneurship; Business Venture—Its Concept; Setting up a Small Scale Enterprise.

Product Planning and Management; Marketing Management; Growth and Diversification Strategies.

Role of Small Business in the National Economy; Small Business and Modern Technology.

Tax Considerations/ Benefits to Small Scale Units; SSI Exemptions.

Suggested readings

Objectives: The course aims to educate that how the adoption of Business Ethics by organizations not only discourages corporate wrong-doing, but also contributes substantially in the achievement of corporate excellence.

Unit-I

Unit -II

Suggested Readings:
2. Griffiths, B.: Themarriage of East and West, colling London
BBA 3rd Sem

BBA 306: SALES AND DISTRIBUTION MANAGEMENT

Objectives: The purpose of this paper is to acquaint the student with the concepts which are helpful in developing a sound sales and distribution policy and in organizing and managing sales force and marketing channels.

UNIT-I

Introduction to Sales Management & Importance of Sales Force Functions of sales manager. Nature and importance of Personal Selling and Salesmanship, objectives and theories of personal selling. Sales forecasting Methods, Sales Budget - Importance, Process of Sales Budget, Uses of sales budget, Sales territory considerations in allocation of sales territory, Sales Quota, Objectives, Principles of Ceiling Sales Quota, Administration of Sales Quota, Uses of Sales Quota.

UNIT-II


Suggested Readings:


Note: Latest edition of text book must be used.
Syllabus: B.P.Ed-Two Year-Semester System, P.U., Chandigarh

Paper –VII (CC-203)
ORGANIZATION AND ADMINISTRATION

Total Marks : 100
Theory Marks : 80
Sessional Marks : 20

Note: Nine questions will be set. Question number one will be compulsory of 20 marks with ten short types of answers covering the entire syllabus. Four questions are to be attempted selecting one from each unit and each question will carry 15 marks.

UNIT I: ORGANIZATION AND ADMINISTRATION
- Meaning and importance of Organization and Administration in physical education.
- Qualification and Responsibilities of Physical Education teacher and pupil leader.
- Planning and their basic principles,
- Program planning: Meaning, Importance, Principles of program planning in physical education.
- Functions of Management: Planning, organizing, staffing, directing, communicating, co-ordination, controlling, evaluating and innovating.

UNIT II: OFFICE MANAGEMENT, RECORD, REGISTER & BUDGET
- Office Management: Meaning, definition, functions and kinds of office management
- Records and Registers: Maintenance of attendance Register, stock register, cash register, physical efficiency record, Medical examination Record.
- Budget: Meaning, Importance of Budget making,
- Criteria of a good Budget, Sources of Income, Expenditure, Preparation of Budget.

UNITIII: FACILITIES, & TIME-TABLE MANAGEMENT
- Facilities and equipment management: Types of facilities; Infrastructure-indoor, out door.
- Playfields: Area, Location, layout and care
- Equipment: Need, importance, purchase, care and maintenance.
- Time Table Management: Meaning, Need, Importance and Factor affecting time table.

UNITIV: COMPETITION ORGANIZATION
- Tournament and its importance.
- Types of Tournament and its organization structure - Knock-out Tournaments, League or Round Robin Tournaments, Combination Tournament, consolation tournaments and challenge Tournament.
- Organization structure of Athletic Meet.
- Sports Event Intramurals & Extramural Tournament planning.
(d) Preparation of external financial reports for combined entities and joint ventures (e) Definitions of subsidiaries, investments in associates and joint ventures (f) Exclusions from consolidations (g) Preparation of consolidated balance sheets and income statements (h) Equity accounting (i) Proportionate consolidation and joint ventures.

Reference Books:
5. Bhabatosh Banerjee, Regulation of Corporate Accounting and Reporting in India, World Press.

PAPER 4: MC. 104 - ORGANISATION THEORY AND BEHAVIOUR

Objective: The objective of the course is to develop a theoretical understanding among students about the structure and behavior of organization as it develops over time. The course will also make them capable of realizing the competitiveness for firms.

UNIT-I


UNIT-II

**Group Decision making and Communication:** Concept and nature of decision making process, Individual versus group decision making, Nominal group technique and Delphi technique, models of communication, communication effectiveness in organizations. Feedback, TA, Johari Window. Motivation: Need hierarchy, Maslow’s Need Hierarchy, Two factor theory, Contemporary theories of motivation (ERG, Cognitive evaluation, goal setting, and equity) expectancy model. Behaviour modification, Motivation and organizational Effectiveness.
UNIT-III

UNIT- IV
Organizational Culture, Organizational Development and Stress Management: Concept and determinants of organizational culture, Organizational Development: Concept and intervention techniques. Individual and organizational factors to stress, Consequences of stress on individual and organization, management of stress. Case Studies: Some cases of real business world are required to be discussed.

Reference Books:
2. Fred Luthans, Organizational Behavior, McGraw Hill.
7. McSchane, Organization Behavior, TMH.

PAPER 5: MC. 105 - MARKETING MANAGEMENT

Objective: The objective of the course is to familiarize the students with the basic concepts and principles of marketing and to develop their conceptual and analytical skills to be able to manage marketing operations of a business firm.

UNIT-I
Introduction to Marketing Management; Marketing - Meaning and approaches, Role of Marketing in Organizations, 4Ps & beyond, Marketing Challenges, Marketing Process and Marketing Planning, Marketing information system.
UNIT –II


UNIT –III


UNIT–IV


Reference Books:


PAPER 6: MC. 106 - MANAGEMENT INFORMATION SYSTEM

Objective: The objective of the paper is to offer a comprehensive overview of Management information systems (MIS). It will explore technical, strategic and tactical issues related to MIS. Basic concepts in analyzing and designing information systems will be presented.

UNIT-I

MIS Definition - Characteristics - Evolution of MIS: Concepts; framework for understanding and designing MIS in an organization; MIS and other related disciplines: MIS and Management Accounting,
Objective: The objective of the course is to acquaint students with the concepts of macro – economics and the macro environment in which a business organization operates. The course would also make the student capable of analyzing and understanding the macro economic policies of the government implemented from time to time and assess their impact on business.

UNIT-I

Business Environment: Cultural, social, political, technological, economic and legal environment - scanning - techniques of environmental forecasting - SWOT - Internal environment - their impact on policy formulation.

UNIT-II

Economic reforms in India - Liberalization - privatization and globalization – Competitive Strength of Indian industry - Impact of liberalization policy on different sectors – Foreign Investments policy in India. Multi-national corporations - Their participation in India – Their strategies, competitive strengths policies and performance.

UNIT-III


UNIT-IV


Reference Books:

3. Kazhmi Azhar, Business Policy, TMH.
PAPER 3: MC. 403 – BUSINESS ETHICS AND CORPORATE GOVERNANCE

UNIT-I

UNIT-II

UNIT-III
Internal Corporate Governance Mechanism: Board of Directors— Functional Committees of Board; Code of conduct, whistle blowers. External Corporate Governance Mechanism: Regulators, Gate keepers, Institutional Investors, Corporate raiders, Corporate Governance Ratings Corporate Governance in India: corporate form in India 50s to 90s – developments in Corporate Governance in India in nineties and 2000s – CII, Kumaramangalam, Narayanoorothy, Naresh Chandra, JJ Irani Committee reports – Legal and Regulatory Changes – introduction and modification of Clause 49, Corporate governance in practice in India.

UNIT-IV
Cases:
1. A Dent in Wal Mart’s Public Image - The PR Strategy.
2. China Aviation Oil’s Collapse: Singapore INC’s challenges.
5. Bhopal Gas Tragedy

Source
(a) Case Studies for Managers, Vol. II, IBSPCD
(b) BECG Main Reference Book

Reference Books:
4. Fernando, A C., Corporate Governance, Pearson Education.
Paper-VIII (MPEC-201)
MANAGEMENT OF PHYSICAL EDUCATION AND SPORTS

Total Marks : 100
Theory Marks : 80
Sessional Marks : 20

Note: Nine questions will be set. Question number one will be compulsory of 20 marks with ten short types of answers covering the entire syllabus. Four questions are to be attempted selecting one from each unit and each question will carry 15 marks.

UNIT – I: MANAGEMENT AND ROLES OF MANAGER
• Management: Meaning, definition, scope, principles, functions of management: Planning, Organizing, Staffing, Directing, Controlling, Coordinating, Evaluating and innovating
• Skills of management: Personal skills, Human skills, Conceptual skills, Technical skills and Conjoined skills
• Styles of management
• Roles of manager: Interpersonal roles, Informational roles, Decisional roles
• Qualities of a manager

UNIT – II: PROGRAMME PLANNING, PUBLIC RELATIONS AND FINANCIAL MANAGEMENT
• Programme planning, Steps in programme planning, Principles of programme planning, Evaluation of physical education programme
• Public relations: Meaning, Definitions, Principles, Planning and organizing public relations programme
• Financial management: Need for financial management, Principles of financial Management, preparation of budget, Sources of funds, Expenditure

UNIT – III: CLASS MANAGEMENT, FACILITIES AND EQUIPMENT MANAGEMENT
• Class management: Meaning, Steps in class management: Strength of class, Place and time, Uniform, Class formation, Safety measures and Discipline
• Principles of class management
• Facilities and Equipment management: Types of facility/infrastructure-indoor, outdoor.
• Playfield: Area, Location, Layout and Care
• Equipments: Need, Importance, Purchase, Care and Maintenance

UNIT – IV: ORGANISATION OF TOURNAMENTS, INTRAMURAL AND SPORTS EVENTS
• Tournament organization: Types of tournament-Knock out or Elimination, League or Round Robin, Combination, Consolation, Challenge Tournaments
• Intramural Competitions: Meaning and Importance of Intramural, Objectives of Intramural,
• Conduct of Intramural
• Process of organizing sports events, Notifications, Invitations, Selection of officials, Monitoring, Writing reports, maintaining records

REFERENCES
Note: Nine questions will be set. Question number one will be compulsory of 20 marks with ten short types of answers covering the entire syllabus. Four questions are to be attempted selecting one from each unit and each question will carry 15 marks.

UNIT-I SPORTS TRAINING
- Importance and definition of sports training
- Aim and objectives of sports training
- Characteristics of sports training
- Principles of sports training

Training Load, Adaptation and Recovery
- Concept of load and Adaptation
- Relationship of load and recovery, physiotherapeutic and psychological means of Recovery
- Variables of Training: Volume, Intensity, Density, Complexity
- Training zones: Target heart rate for different ages and various levels of activity.

Training Methods
- Interval, Continuous, Circuit training, Fartlek, Weight, Plyometric and Cross training methods

UNIT-II BIO-MOTOR ABILITIES AND THEIR DEVELOPMENT

Strength and Power Development
- Types of strength, Factors affecting strength performance
- Methods of strength training: training maximum strength; explosive strength and Strength Endurance

Endurance Training
- Definition, Types and significance of endurance
- Factors affecting endurance
- Training Parameters for Aerobic and Anaerobic Endurance
- Methods to develop endurance

Speed Training
- Definition, Forms of speed
- Factors determining speed
- Load parameters to develop speed
- Methods to develop speed abilities

Flexibility Training
- Definition, Types of flexibility and Factors affecting flexibility.
- Methods used to develop flexibility

Coordination Training
- Definition, Classification of coordinative abilities
- Factors affecting coordination and Methods to develop coordination

UNIT-III TECHNICAL AND TACTICAL PREPARATION
- Definition and meaning of technique, skill and style
- Technique training & its implication in various phases; methods employed for Technique training, causes of technical fault and their correction
UNIT II
Managing and Distributing Genome Data: Web based servers and softwares for genome analysis: ENSEMBL, VISTA, UCSC Genome Browser, NCBI genome. Selected Model Organisms' Genomes and Databases.

UNIT III
Introduction to protein structure, Chemical properties of proteins. Physical interactions that determine the property of proteins. Short-range interactions, electrostatic forces, van der waal interactions, hydrogen bonds, Hydrophobic interactions. Determination of sizes (Sedimentation analysis, gel filtration, SDS-PAGE); Native PAGE, Determination of covalent structures – Edman degradation.

UNIT IV

PRACTICALS
1. Use of SNP databases at NCBI and other sites
2. Use of OMIM database
3. Detection of Open Reading Frames using ORF Finder
4. Proteomics 2D PAGE database
5. Softwares for Protein localization.
6. Hydropathy plots
7. Native PAGE
8. SDS-PAGE

SUGGESTED READING

BIOT-Sem-VI-V-T
INTELLECTUAL PROPERTY RIGHTS AND ETHICAL ISSUES IN BIOTECHNOLOGY AND ENTREPRENEURSHIP

Instructions for paper setters and candidates
- Set nine questions in all. All questions carry equal marks.
- Set two questions from each Unit, and each question should be further divided in two to three parts. Any one question to be attempted from each unit.
- Five questions to be attempted.

Theory : 90 marks
Int. assessment : 10 marks
Total : 100 marks
Time : 3 hours
Question number one will be compulsory having 7-10 short answer types covering the whole syllabus (Not objective type and no short notes).

**Objective:** To introduce the students to intellectual rights and how to use the current intellectual property system to protect and commercialize their biotechnological invention. This course also covers the ethical issues, controversies and social-ethical impact of biotechnology on society.

**UNIT – I**

*IPR:* Introduction to Intellectual Property Rights. Tangible and intangible property. Patents: Introduction to patent law and brief history (early GATT and TRIPS), conditions for patentability; procedure for obtaining patents, patent filing through PCT, rights of a patentee; patent infringements and litigation. Indian patent laws and amendments. Patents from an international perspective.

**UNIT- II**

Design, copyright and Trademark:

Copyright: Registration procedure and copyright authorities; assignment and transfer of copyright, copyright infringement and exceptions to infringement; software copyright. Designs: Introduction to the law on industrial designs; registration and piracy; international perspective; commercial exploitation and infringement. Trademark: Importance, Registration, Trademark infringement and piracy.

**UNIT – III**


**UNIT – IV**

Entrepreneurship: Entrepreneur and its types, Women Entrepreneurship. Selection of a product, Product line design and development processes, economics on material and energy requirement, stock the product and release the same for making. The basic regulations of excise: Demand for a given product, feasibility of its production under given constraints of raw material, energy input, financial situations export potential.

**Reference Books:**

***************
Objectives:
(I) The course will enable the students to get an introductory knowledge about Clinical Psychology with emphasis on the dynamics of some of the behavioural disorders and therapies. Students will also have some knowledge about stress and coping; and will get acquainted with elementary inferential statistics.

(II) Pedagogy of the Course Work:
80% Lectures (including expert lectures).
20% assignments, discussion and seminars and tests.

PAPER: CLINICAL PSYCHOLOGY

<table>
<thead>
<tr>
<th>Theory</th>
<th>70 marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Assessment</td>
<td>10 marks</td>
</tr>
<tr>
<td>Time</td>
<td>3 Hours</td>
</tr>
</tbody>
</table>

INSTRUCTIONS FOR THE PAPER-SETTER AND THE CANDIDATES:
The syllabus has been divided into four units.

(a) There shall be 9 questions in all. The first question shall be short answer type containing 12 short questions spread over the whole syllabus and each to be answered in about 25 to 30 words. The candidate is required to attempt any 7 short answer type questions i.e. 2 marks of each. It shall carry 14 marks and shall be Compulsory question. Rest of the paper shall contain 4 units. Each Unit shall have two questions and the candidates shall be given internal choice i.e. the candidates shall attempt one question from each Unit - 4 in all. Each question will carry 14 marks.

(b) The practical will be of 20 marks.

UNIT-I : Nature and Criteria of abnormality, Viewpoints Regarding Abnormality: Historical, Psychodynamic, Behavioural, Cognitive, Humanistic and Interpersonal;

UNIT-II : Causes of Abnormal Behaviour: Biological, Psychological and Sociocultural Causes.

UNIT-III : Stress: Concept of Stress; Types of Stressors; Etiology of Stress; Coping Strategies: Problem Focussed and Emotion Focussed, Effects of Stress.


Note: The use of non-programmable calculators and statistical tables is allowed in the examination.
Objectives:

(I) This course will enable the students to get an introductory knowledge about Clinical psychology with emphasis on the dynamics of some of the behavioural disorders and therapies. Students will also have some knowledge about stress and coping; and will get acquainted with elementary inferential statistics.

(II) Pedagogy of the Course Work:
80% Lectures (including expert lectures).
20% assignments, discussion and seminars and tests.

PAPER: BEHAVIOURAL DISORDERS

| Theory | : | 70 marks |
| Internal Assessment | : | 10 marks |
| Time | : | 3 Hours |

INSTRUCTIONS FOR THE PAPER-SETTER AND THE CANDIDATES:
The syllabus has been divided into four units.

(a) There shall be 9 questions in all. The first question shall be short answer type containing 12 short questions spread over the whole syllabus and each to be answered in about 25 to 30 words. The candidate is required to attempt any 7 short answer type questions i.e. 2 marks of each. It shall carry 14 marks and shall be Compulsory question. Rest of the paper shall contain 4 Units. Each Unit shall have two questions and the candidates shall be given internal choice i.e. the candidates shall attempt one question from each Unit - 4 in all. Each question will carry 14 marks.

(b) The practical will be of 20 marks.

UNIT-I : Anxiety Based Disorders viz. Phobia; OCD; Panic; Generalized Anxiety Disorder. Conversion Disorders, Dissociative Disorders : Types, Symptoms and Etiology.

UNIT-II : Mood Disorders : Types, Symptoms and Etiology.


PSYCHOLOGY PRACTICALS

Four practicals have to be performed out of the following:

1. Clinical Interview: 
2. TAT. 
3. Depression Inventory (Beck). 
4. State Trait Anxiety Inventory 
5. Self Efficacy 
6. Aggression Scale
MA ENGLISH syl...

75

MA • SEMESTER-IV

PAPER-I: LITERARY THEORY-II

Objectives:

The paper, which is a continuation of Paper I of semester III, introduces students to some more aspects of Literary Theory. In this semester, students will be introduced to new theorists in the field of New Historicism Postcolonial Theory and Feminist Criticism.

Note: There shall be one context-based question of 20 marks in which the candidate shall have to attempt three out of six short notes, to be answered in 200 words each. The notes are likely to cover a range of terms/concepts/trends/movements specific to the course. The question will be of general nature, not author or text-based.

In addition, there will be four essay-type questions of 15 marks each (to be answered in about 600 words each). One question with internal choice will be set from each of the following four prescribed texts/units:

Prescribed Texts:


Unit 2. The following three excerpts from The Postcolonial Studies Reader edited by Ashcroft, Griffiths, and Tiffin (Routledge 1995)

   ii) Homi Bhabha: “Signs Taken for Wonders”, 29-35.


Unit 3.

Suggested Reading:

Paper VI

Approaches to Literature - II

The objective of the course is to familiarize students with various approaches to literature, and the
difficulties that these are based on. The students should be able to relate literary texts to their lives in
terms of their own times and location. The number of approaches suggest that there is no one privileged
way to understand a text, and that a text can yield multiple meanings if it is accessed through different
workshops. Each approach has a claim to total meaning but it is contested by another equally compelling
approach. Each approach has its own well-argued theoretical base, a set of tested tools and a sustained
methodology to help the student to navigate through the text with a degree of precision. These approaches
put together give rise to what is often called critical pluralism. The paper shall consist of five questions
of 16 marks each, one from each unit. The questions shall be designed in such a way that they focus more
on the candidate's understanding of the issues involved in literary studies, and not just his/her capability
for memorizing information. Also, there should be questions of a practical nature in which the candidate
has to apply his/her analytical skills to literary texts. Each question shall have internal choice, and is to be
answered in 500-600 words. The paper shall carry a total of 80 marks.

Unit I
1. Andrew Bennett and Nicholas Royle, "The beginning," "Readers and reading," "The
author," and "The text and the world," An Introduction to Literature, Criticism and

Unit II
1. Terry Eagleton, "Literature and History", Marxism and Literary Criticism (London &

Unit III
1. Wilfred L.Gaenin et al, "Feminism and Gender Studies (I, II, III, IVA, IVB, V)" A
2. Charlotte Kroehler and Ann Scott Soransen, "Three Waves of Feminism: From
Suffragettes to Girls", Gender Communication Theory and Analysis: From Silence to

Unit IV

Unit V
2. Umberto Eco, "The Open Work", The Open Work, trans. Anna Cancogni (Cambridge &

Suggested Readings
1. Andrew Bennett, and Nicholas Royle, An Introduction to Literature, Criticism and
Theory (Pearson, 2004) (Third Edition is available online)
2. David Lodge, ed. 20th Century Literary Criticism: A Reader (Longman, 1989)
4. M.A.R. Habib, A History of Literary Criticism: From Plato to the Present (Blackwell,
2005)
Suggested Readings:
Remaining part of the question paper will be divided into four units, corresponding to the four units of the syllabus for each option. The paper setter will set 2 essay type questions from each unit. The candidate will attempt 4 essay type questions, selecting one from each unit. Each essay type question will carry 15 marks.

(iv) The paper setter is expected to follow the Essential Readings and set questions on the sub-themes or parts of a theme, rather than the topic as a whole.

Concepts and Terms:
Colonialist historiography; Nationalist historiography; Marxist historiography; Subalterns; Gandhian historiography; Treaty of Salbai; Punjab Annexation-a breach of trust; Treaty of Seringapatam(1792); Mal-administration of Oudh; Treaty of Aix La- Chapelle(1748); Civilizing mission; Separate Electorates; Dyarchy; Provincial Autonomy; Board of Control; Montagu Declaration; Santhals; Mundas; Lathiylas; Revolt-First War of Indian Independence; Revolt-Military Uprising; Safety valve theory; Moderates; Revolutionaries; Indian National Army; Swaraj: Non-Cooperation; Civil Disobedience; Quit India.

Unit I
Historiography on the modern Indian state – approaches and interpretation: Colonialist, Nationalist, Marxist, Subaltern, Gandhian.

Unit II
Construction of colonial state policy and programme of expansion in north and south India: Bengal; Oudh; Deccan; Mysore; Marathas; Punjab.

Unit III

Unit IV
Colonial state and Indian response; peasant and tribal movements, nature of the revolt of 1857; Emergence, programme and policies of Indian National Congress; militant movements; Subhas Chandra Bose and INA; Women participation in National Movement.

Essential Readings
Bipan, Chandra, Communalism in Modern India, Har Anand Publications, Delhi, 2016.
Mishra, B.B., Administrative History of India, Oxford University Press, Delhi, 1983.
Suggested Readings:
Banerjee, A.C., Constitutional History of India, Vol. II & III.
Max. Marks: 40
Theory Exam.: 36 marks
Internal Assessment: 4 marks
Time: 3 hours

Note: Nine questions are to be set. Question No. 1 is compulsory consisting of short answer type questions covering the whole syllabus. It will have 8 parts of 1 mark each. Two questions are to be set from each Unit. One question is to be attempted from each Unit. In all, five questions are to be attempted including compulsory one. 50% of the questions are to be split up into 2-4 sub-parts.

UNIT - I

Detailed study of the following animal type:
Mollusca: Pila
Classification up to orders with ecological notes and economic importance (if any)
Mollusca: Chiton, Anodonta, Mytilus, Ostrea, Cardium, Pholas, Solen (Razor Fish), Pecten, Haliotis, Patella, Aplysia, Doris, Limax, Loligo, Sepia, Octopus, Nautilus and Dentalium

UNIT - II

Detailed study of the following animal types:
Echinodermata: Asterias, Echinoderm Larvae.
Hemichordata: Balanoglossus, External characters and affinities.
Classification up to orders with ecological notes and economic importance (if any)
Echinodermata: Echinus, Cucumaria, Ophiothrix, Antedon and Asterias.
Hemichordata: Balanoglossus.

UNIT - III

Inter and intra ecological relationships: Competition, predation, parasitism, commensalism, ammensalism & mutualism
Biotic community: Characteristics, ecological succession, ecological niche.

UNIT - IV

Natural resources: Renewable and nonrenewable natural resources and their conservations.
Environmental degradation: Causes, impact and control of environmental pollution. (Air, Water, Land, Noise)
Wildlife conservation: Basic concepts
UNIT – III

Ecology

Subdivisions and Scope of ecology.

Components, ecological energetics, food web, introduction to major ecosystems of the world.

Temperature, light and soil as ecological factors.

Ecosystem

UNIT – IV

Nutrients

Biogeochemical cycles & concept of limiting factors.

Ecological Adaptations

Morphological, physiological and behavioural adaptations in animals in different habitats.

Population

Characteristics and regulation of population.

Books Recommended:

Environment, Road Safety Education, Violence against Women/Children

SEMESTER II

Part - I (Environment)

Note: The syllabus has 15 topics to be covered in 25 hour lectures in total, with 2 lectures in each topic from 2 to 11 and one each for the topics 1 and 12 to 15.

1. Environment Concept:
   Introduction, concept of biosphere—lithosphere, hydrosphere, atmosphere; Natural resources—their need and types; principles and scope of Ecology; concepts of ecosystem, population, community, biotic interactions, biomes, ecological succession.

2. Atmosphere:
   Parts of atmosphere, components of air; pollution, pollutants, their sources, permissible limits, risks and possible control measures.

3. Hydrosphere:
   Types of aquatic systems. Major sources (including ground water) and uses of water, problems of the hydrosphere, fresh water shortage; pollution and pollutants of water, permissible limits, risks and possible control measures.

4. Lithosphere:
   Earth crust, Soil—a life support system, its texture, types, components, pollution and pollutants, reasons of soil erosion and possible control measures.

5. Forests:
   Concept of forests and plantations, types of vegetation and forests, factors governing vegetation, role of trees and forests in environment, various forestry programmes of the Govt. of India, Urban Forests, Chipko Andolan.

6. Conservation of Environment:
   The concepts of conservation and sustainable development, why to conserve, aims and objectives of conservation, policies of conservation; conservation of life support systems—soil, water, air, wildlife, forests.

7. Management of Solid Waste:
   Merits and demerits of different ways of solid waste management—open dumping, landfill, incineration, resource reduction, recycling and reuse, vermicomposting and vermiculture, organic farming.
8. **Indoor Environment:**
   - Pollutants and contaminants of the in-house environment; problems of the environment linked to urban and rural lifestyles; possible adulterants of the food; uses and harms of plastics and polythene; hazardous chemicals, solvents and cosmetics.

9. **Global Environmental Issues:**
   - Global concern, creation of UNEP; Conventions on climate change, Convention on biodiversity; Stratospheric ozone depletion, dangers associated and possible solutions.

10. **Indian Laws on Environment:**
    - Indian laws pertaining to Environmental protection: Environment (Protection) Act, 1986; General information about Laws relating to control of air, water and noise pollution. What to do to seek redressal.

11. **Biodiversity:**
    - What is biodiversity, levels and types of biodiversity, importance of biodiversity, causes of its loss, how to check its loss; Hotspot zones of the world and India, Biodiversity Act, 2002.

12. **Noise and Microbial Pollution:**
    - Pollution due to noise and microbes and their effects.

13. **Human Population and Environment:**

14. **Social Issues:**
    - Environmental Ethics: Issues and possible solutions, problems related to lifestyle, sustainable development; Consumerisms and waste generation.

15. **Local Environmental Issues:**
    - Environmental problems in rural and urban areas, Problem of Congress grass & other weeds, problems arising from the use of pesticides and weedicides, smoking etc.

**Practicals:**

Depending on the available facility in the college, a visit to Vermicomposting units or any other such non-polluting eco-friendly site or planting/caring of vegetation/trees could be taken.

**Examination Pattern:**

A qualifying paper of 50 marks comprising of fifty multiple choice questions (with one correct and three incorrect alternatives and no deduction for wrong answer or unattempted question), and of 1 hour duration.

The students have to obtain 33% marks to quality the paper. The marks are not added/included in the final mark sheet.
Malacinski, George M., 2005, Freifelder's. Essentials of Molecular Biology, Narosa Publishing House, ND.
Karp, Gerald, 2005, Cell and Molecular Biology, Wiley International, USA.
Snusted and Simmons, 2006, Principles of genetics, John Wiley and Sons, Inc
Weaver R.F., Molecular biology (2005), McGraw

BIOT-Sem-V-I-T: Molecular Biology (Practical)

Practical : 20 marks
Int. assessment : 05marks
Total : 25 marks
Time : 3 hours

1. Preparation of Reagents for DNA isolation.
2. DNA isolation from plants.
3. Agarose gel electrophoresis of DNA.
4. Plasmid DNA isolation.
5. Isolation of genomic DNA from Bacteria.
6. Restriction digestion of DNA.

Reference Books:

BIOT-Sem-V-II-T : ENVIRONMENTAL BIOTECHNOLOGY

Theory : 67 marks
Int. assessment : 08 marks
Total : 75 marks
Time : 3 hours

Instructions for paper setters and candidates
• Set nine questions in all. All questions carry equal marks.
• Five questions to be attempted.
• Question number one will be compulsory having 7-10 short answer types covering the whole syllabus (Not objective type and no short notes).
• Set two questions from each Unit, and each question should be further divided in two to three parts. Any one question to be attempted from each unit.

Objective:
The course focuses on an introduction to environment, major threats to environment by various polluting agents and the remedies for the same, incorporating design and monitoring of waste treatment processes. As well as learning environmental technology fundamentals, with special focus on biological treatment processes, environmental management. The course is use of biotechnology to design cleaner manufacturing processes and to solve pollution problems. It is ideal for under graduates just embarking on their career, or scientists and engineers who have been working for a few years and wish to develop their career in this direction.
UNIT-I
Basics of Environment and Environmental pollution, air, water, soil and noise.
Air - Types, Sources & Effects,
Soil - Physicochemical and bacteriological analysis of soil, soil pollutants (fertilizers, insecticides fungicides, pesticides).
Noise pollution, its control and impact on human health
Renewable and Non Renewable resources. and their Environmental Impacts.
Modern Fuels (gasohol, hydrogen and solar energy) and their Environmental Impacts.

UNIT-II
Microbiology of waste water treatment, aerobic processes, activated sludge, oxidation ponds, trickling filters, and rotating biological contactors.
Anaerobic processes: Anaerobic digesters, upward flow anaerobic sludge blanket reactors.
General strategies for wastewaters treatment.

UNIT-III
Bioremediation of contaminated soil and its applications
Degradation of pesticides and other toxic chemicals by microorganism. Integrated Pest management
Biodegradation of environmental pollutants: pesticides, hydrocarbons, dye, etc.
Biofertilizers for clean environment- Nitrogen fixing microorganism, enrichment of the soil with assimilable nitrogen

UNIT IV
Introduction to solid waste and municipal solid waste management: Sources, types, composition.
Bioabsorption of metals:- Role of Microorganisms in biosorption and bioleaching.
Enrichment of ores by microorganisms
Bioindicators for detection of pollution

References Books:
1. Environmental Biotechnology: Principles and applications Bruce, E. Rittmann and Perry

Practical:- ENVIRONMENTAL BIOTECHNOLOGY
BIOT-Sem-V-II-T
Practical : 20 marks
Int. assessment : 05 marks
OBJECTIVE: ENVIRONMENTAL CHEMISTRY

The fundamental concepts of Chemistry and their applications. The syllabus pertaining to M.Sc. (2nd Year, General, Semester System) in the subject of Chemistry has been upgraded as per the guidelines of UGC. This module and demand of the field of Chemistry has been revised from time to time as per suggestions of the teachers of the Chemistry working in the Panjab University, Chandigarh and affiliated colleges. The syllabus contents are duly arranged unit-wise and contents are included in such a manner so that due importance is given to requisite intellectual and laboratory skills.

UNIT 1
(6 Hrs)

UNIT 2
(9 Hrs.)
Environmental Toxicology
Chemical solutions to environmental problems, biodegradability, principles of decomposition and industrial processes. Bhopal gas tragedy, Chernobyl, Three mile island, Sewo wo

UNIT 3
(15 Hrs.)
Industrial Pollution

UNIT 4
(15 Hrs.)
Atmosphere
Chemical composition of atmosphere – particles, ions and radicals and their formation. Chemical and photochemical reactions in atmosphere, smog formation, oxides of Chlorofluorohydrocarbons, Ozone depletion, Global warming. Green house effect, acid rain, air pollution controls and their chemistry. Analytical methods for measuring $\text{BOD, DO, COD, F, Oils, metals (As, Cd, Cr, Hg, Pb, Se etc.)}$, residual chloride and chlorine demand. Purification and treatment of water.

UNIT 5
(15 Hrs.)
Hydrosphere

Instructions for Paper setters and Candidates:
I. Examiner will set total of NINE questions comprising TWO questions from each unit and ONE compulsory question of short answer type covering whole syllabi.
II. The students are required to attempt FIVE questions in all, ONE question from each unit and the Compulsory question.
BCM604: SOCIAL AND BUSINESS ETHICS

Objectives: The course aims to educate that how the adoption of Business Ethics by organizations not only discourages corporate wrong-doing, but also contributes substantially in the achievement of corporate excellence.

Unit-I


Ethics at Workplace: Individual in Organisation, Gender Issues, Harassment, Discrimination.

Ethics in Accounting & Finance, Marketing and Consumer Protection- Importance, Problems and Issues.

Unit -II

Whistle Blower Policies-Meaning, Importance and Issues.

Corporate Social Responsibility under Company Act 2013.

Ethical Issues in Corporate Governance,

Environmental Issues-Protection of Natural Environment, Prevention of Pollution, Depletion and Conservation of Natural resources.

Suggested Readings:

2. Griffiths, B.: Themarriage of East and West, colling London