

॥ सा विद्या या विमुक्तये ॥



# स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

“ज्ञानतीर्थ” परिसर, विष्णुपुरी, नांदेड - ४३१६०६ (महाराष्ट्र)

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY NANDED**

“Dnyanteerth”, Vishnupuri, Nanded - 431606 Maharashtra State (INDIA)

Established on 17th September 1994 – Recognized by the UGC U/s 2(f) and 12(B), NAAC Re-accredited with 'A' Grade



## ACADEMIC (1-BOARD OF STUDIES) SECTION

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संलग्नित महाविद्यालयांतील मानवविज्ञान विद्याशाखेतील पदव्युत्तर स्तरावरील प्रथम वर्षाचे CBCS Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०१९-२० पासून लागू करण्याबाबत.

### प रि प त्र क

या परिपत्रकान्वये सर्व संबंधितांना कळविण्यात येते की, दिनांक ३० एप्रिल २०१९ रोजी संपन्न झालेल्या ४३व्या मा. विद्या परिषद बैठकीतील ऐनवेळचा विषय क्र.५/४३-२०१९ च्या ठरावानुसार प्रस्तुत विद्यापीठाच्या संलग्नित महाविद्यालयांतील मानवविज्ञान विद्याशाखेतील पदव्युत्तर स्तरावरील प्रथम वर्षाचे खालील विषयांचे C.B.C.S. (Choice Based Credit System) Pattern नुसारचे अभ्यासक्रम शैक्षणिक वर्ष २०१९-२० पासून लागू करण्यात येत आहेत.

- १) एम.ए.—प्रथम वर्ष—इंग्रजी
- २) एम.ए.—प्रथम वर्ष—हिंदी
- ३) एम.ए.—प्रथम वर्ष—मराठी
- ४) एम.ए.—प्रथम वर्ष—संस्कृत
- ५) एम.ए.—प्रथम वर्ष—उर्दू
- ६) एम.ए.—प्रथम वर्ष—अर्थशास्त्र
- ७) एम.ए.—प्रथम वर्ष—भूगोल
- ८) एम.ए.—प्रथम वर्ष—इतिहास
- ९) एम.ए.—प्रथम वर्ष—तत्त्वज्ञान
- १०) एम.ए.—प्रथम वर्ष—राज्यशास्त्र
- ११) एम.ए.—प्रथम वर्ष—मानसशास्त्र
- १२) एम.ए.—प्रथम वर्ष—लोकप्रशासन
- १३) एम.ए.—प्रथम वर्ष—समाजशास्त्र

सदरील परिपत्रक व अभ्यासक्रम प्रस्तुत विद्यापीठाच्या [www.srtmun.ac.in](http://www.srtmun.ac.in) या संकेतस्थळावर उपलब्ध आहेत. तरी सदरील बाब ही सर्व संबंधितांच्या निदर्शनास आणून द्यावी.

‘ज्ञानतीर्थ’ परिसर,  
विष्णुपुरी, नांदेड - ४३१ ६०६.

जा.क्र.: शैक्षणिक-०१/परिपत्रक/पदव्युत्तर-सीबीसीएस अभ्यासक्रम/  
२०१९-२०/६७

दिनांक : १७.०६.२०१९.

प्रत माहिती व पुढील कार्यवाहीस्तव :

- १) मा. कुलसचिव यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- २) मा. संचालक, परीक्षा व मूल्यमापन मंडळ यांचे कार्यालय, प्रस्तुत विद्यापीठ.
- ३) प्राचार्य, सर्व संबंधित संलग्नित महाविद्यालये, प्रस्तुत विद्यापीठ.
- ४) उपकुलसचिव, पदव्युत्तर विभाग, प्रस्तुत विद्यापीठ.
- ५) साहाय्यक कुलसचिव, पात्रता विभाग, प्रस्तुत विद्यापीठ.
- ६) सिस्टम एक्सपर्ट, शैक्षणिक विभाग, प्रस्तुत विद्यापीठ.

स्वाक्षरित/—

उपकुलसचिव

शैक्षणिक (१-अभ्यासमंडळ) विभाग

**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED**



**“Dnyanteerth” Vishnupuri, Nanded - 431 606**

**Faculty of Humanities**

**Syllabus of**

**Philosophy**

**M.A. First Year**

**Semester - I**

**(With effective from June 2019 and onwards)**

**Swami Ramanand Teerth Marathwada University, Nanded.**  
**Choice based Credit System (CBCS) Course structure**  
**Faculty : Humanities**  
**Subject : Philosophy**  
**M.A First Year Syllabus**  
**Semester Pattern With effect from 2019-20**

| <b>Semester</b> | <b>Paper No</b> | <b>Name of Paper</b>   | <b>Lectures per Week</b> | <b>Total No. of Lectures</b> | <b>CA</b>  | <b>ESE</b> | <b>Total Marks</b> | <b>Credits</b> |
|-----------------|-----------------|--|--------------------------|------------------------------|------------|------------|--------------------|----------------|
|                 | <b>I</b>        | Meta ethics  | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 | <b>II</b>       | Contemporary Indian Philosophy-I   | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 | <b>III</b>      | Gandhian Moral Philosophy <b>OR</b> Social and Political Philosophy ( Indian)                        | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 | <b>IV</b>       | Research Methodology in Social Sciences <b>OR</b> Symbolic Logic (Propositional Logic)               | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 |                 |  |                          | <b>16</b>                    | <b>220</b> | <b>100</b> | <b>300</b>         | <b>400</b>     |
|                 | <b>V</b>        | Applied ethics   | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 | <b>VI</b>       | Contemporary Indian Philosophy -II   | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 | <b>VII</b>      | Mahatma Gandhi's Social and Political Philosophy <b>OR</b> Social and Political Philosophy (Western) | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 | <b>VIII</b>     | Deductive Logic <b>OR</b> Symbolic Logic (Predicates, relations and sets)                            | 4                        | 55                           | 25         | 75         | 100                | 4              |
|                 |                 |  |                          | <b>16</b>                    | <b>220</b> | <b>100</b> | <b>300</b>         | <b>400</b>     |

**CA – Continuous Assessment**

**ESE- End of Semester Examinations**

**Swami Ramanand Teerth Marathwada University, Nanded.**  
**CBCS paper pattern (With effect from 2019-20)**  
**Subject Philosophy**  
**M.A First Year**  
**SEMISTER - I**

| <b>Paper No.</b> | <b>Title of the paper</b>   | <b>Internal Marks (CA)</b> | <b>End Semester Exam (ESE)</b> | <b>Total (CA+ESE)</b> |
|------------------|---|----------------------------|--------------------------------|-----------------------|
| <b>I</b>         | Meta ethics   | <b>25</b>                  | <b>75</b>                      | <b>100</b>            |
| <b>II</b>        | Contemporary Indian Philosophy -I   | <b>25</b>                  | <b>75</b>                      | <b>100</b>            |
| <b>III</b>       | Gandhian Moral Philosophy <b>OR</b><br>Social and Political Philosophy<br>( Indian)       | <b>25</b>                  | <b>75</b>                      | <b>100</b>            |
| <b>IV</b>        | Research Methodology in Social Sciences <b>OR</b> Symbolic Logic<br>(Propositional Logic) | <b>25</b>                  | <b>75</b>                      | <b>100</b>            |

**SEMISTER- II**

| <b>Paper No.</b> | <b>Title of the paper</b>   | <b>Internal Marks (CA)</b> | <b>End Semester Exam(ESE)</b> | <b>Total (CA+ESE)</b> |
|------------------|---|----------------------------|-------------------------------|-----------------------|
| <b>V</b>         | Applied ethics  | <b>25</b>                  | <b>75</b>                     | <b>100</b>            |
| <b>VI</b>        | Contemporary Indian Philosophy -II  | <b>25</b>                  | <b>75</b>                     | <b>100</b>            |
| <b>VII</b>       | Mahatma Gandhi's Social and Political Philosophy <b>OR</b><br>Social and Political Philosophy (Western) | <b>25</b>                  | <b>75</b>                     | <b>100</b>            |
| <b>VIII</b>      | Deductive Logic <b>OR</b><br>Symbolic Logic (Predicates, relations and sets)                            | <b>25</b>                  | <b>75</b>                     | <b>100</b>            |

**Internal Assessment scheme** - 2 Unit tests = 20 Marks  
1 Seminar = 05 Marks

**End Semester Exam Scheme** - Q. 1. Broad Question = 20 Marks  
Or  
Broad Question

Q. 2. Broad Question = 20 Marks  
Or  
Broad Question

Q.3. Broad Question = 20 Marks  
Or  
Broad Question

Q.4. Short Notes (Any three) = 15 Marks  
i. Short Note  
ii. Short Note  
iii. Short Note  
iv. Short Note  
v. Short Note

**M.A. First Year  
Semester - I  
Paper - I  
META ETHICS**

**Objectives:**

1. To introduce and acquaint students with Meta ethical theories
2. To acquire a basic understanding of the main Meta ethical ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Meta ethical arguments

|  | <b>Periods</b> | <b>Marks</b> |
|--|----------------|--------------|
| <b>(1) Meta Ethics : Introductory :</b>  | <b>13</b>      | <b>25</b>    |
| (i) Definition.  |                |              |
| (ii) Nature and problems of Meta Ethics.   |                |              |
| (iii) Distinction between Normative and Meta Ethics  |                |              |
| (iv) Analysis of the basic moral concepts :<br>Good, Right, Ought, Duty, Obligation and Justice. |                |              |
| <b>(2) Ethical Naturalism and Non-Naturalism :</b>   | <b>14</b>      | <b>25</b>    |
| (i) Ethical Naturalism : Nature and types :<br>Subjectivism and objectivism.                     |                |              |
| (ii) Moore's Critique of Naturalism.   |                |              |
| (iii) G.E. Moore's notion of 'Good'.   |                |              |
| (iv) Naturalistic Fallacy.   |                |              |
| (v) Non- Naturalism : Definition.  |                |              |
| (vi) Naturalism and Non-Naturalism   |                |              |
| <b>(3) Ethical Emotivism :</b>   | <b>14</b>      | <b>25</b>    |
| (i) Nature and Uses of Language.   |                |              |
| (ii) Problems concerning moral language.   |                |              |
| (iii) Nature and types of ethical emotivism.   |                |              |
| (iv) A.J. Ayer's account of moral language its nature.   |                |              |
| (v) Ayer's critique of other ethical theories.   |                |              |
| (vi) C.L. Stevenson's emotive theory :<br>Nature and Criticism.                                  |                |              |
| <b>(4) Prescriptivism :</b>  | <b>14</b>      | <b>25</b>    |
| (i) R.M. Hare's Criticism of Naturalism.   |                |              |
| (ii) R.M. Hare's prescriptivism.   |                |              |
| (iii) Nowell Smith's Nature of moral judgment, Janus word "Good".                                |                |              |
| (iv) Hedonism as an ethical naturalism – J. S. Mill, Sidgwick                                    |                |              |

**Books for reading and references :**

- (1) Principia Ethica - G.E. Moore
- (2) Language, Truth and Logic - A.J. Ayer
- (3) Ethics and Language - C.L. Stevenson
- (4) Language of Morals - R.M. Hare
- (5) Ethics - P.H. Nowell Smith
- (6) Theories of ethics - Phillipa Foot
- (7) Methods of ethics - Henry Sidgwick
- (8) A manual of ethics - Mackenzie
- (9) Modern moral philosophy - W.D. Hudson
- (10) Twentieth Century ethics - Rojer Hancock

- (11) पाश्चात्य नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (12) नीतिशास्त्राचा इतिहास - प्रा. श्रीनिवास दीक्षित
- (13) अर्थशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (14) आदर्श नीतिशास्त्र - डॉ. आकाश. ए. शेंकरे
- (15) मूल्यनिवेदन - एक अतिनीतिशास्त्रीय चिकित्सा - डॉ. सुरेन्द्र गायधने.
- (16) नीतिशास्त्राचा इतिहास - खंड 1, 2, 3 - डॉ. ग. ना. जोशी
- (17) नीतिशास्त्राचा इतिहास - डॉ. ए. ए. शेंकरे
- (18) नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (19) नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (20) नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (21) "नीतिशास्त्राचा इतिहास" - डॉ. के. के. खैरुल्लाखाने - डॉ. के. के. खैरुल्लाखाने - डॉ. के. के. खैरुल्लाखाने - डॉ. के. के. खैरुल्लाखाने
- (22) "नीतिशास्त्राचा इतिहास" - डॉ. के. के. खैरुल्लाखाने - डॉ. के. के. खैरुल्लाखाने - डॉ. के. के. खैरुल्लाखाने - डॉ. के. के. खैरुल्लाखाने
- (23) नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (24) पाश्चात्य नीतिशास्त्र - डॉ. के. के. खैरुल्लाखाने
- (25) नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (26) अर्थशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (27) नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने
- (28) नीतिशास्त्राचा इतिहास - डॉ. के. के. खैरुल्लाखाने

**M.A. First Year**  
**Semester - I**  
**Paper - II**  
**Contemporary Indian Philosophy-I**

**Objectives:**

1. To introduce and acquaint students with Contemporary Indian Philosophical theories
2. To acquire a basic understanding of the main Contemporary Indian Philosophical ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Contemporary Indian Philosophical arguments

|   | <b>Periods</b> | <b>Marks</b> |
|---|----------------|--------------|
| <b>(1) Swami Vivekanand :</b><br>(1)Idea of Universal religion.<br>(2) Religious Experience.<br>(3)Doctrine of Karmayoga.<br>(4)Religious Rituals<br>(5)His Interpretation of Maya.<br>(6)Concept of God.                                 | <b>13</b>      | <b>25</b>    |
| <b>(2) Sri Aurobindo :</b><br>(1)Reality as "Sat - Cit - ananda"<br>(2)Three Phases of rality - Evolution.<br>(3)Mind and Super mind.<br>(4)Integral Yoga.<br>(5)Critique of the doctrine of Maya.<br>(6)His approach to man and society. | <b>14</b>      | <b>25</b>    |
| <b>(3) Rabindranath Tagore :</b><br>(1)His love of nature.<br>(2)His approach to education.<br>(3)Maya and God.<br>(4)Concept of Evil<br>(5)Religion of man<br>(6)Concept of nationalism.   | <b>14</b>      | <b>25</b>    |
| <b>(4) Dr. S. Radhakrishnan :</b><br>(1)His approach to Indian Philosophy.<br>(2)Intellect and Intuition.<br>(3)The idealist view of life.<br>(4)Views on Education.<br>(5)Concept of Universal Religion.<br>(6)Hindu view of life.       | <b>14</b>      | <b>25</b>    |

**Books for reading and references :**

- (1) Contemporary Indian philosophy - T.M.P. Mahadevan and C.V. Saroja
- (2) Contemporary Indian philosophy - Basant Kumarlal
- (3) Contemporary Indian philosophy - Benay Gopal Ray
- (4) Modern Indian Thought - V.S. Narvane - Bombay - 1964.
- (5) Practical Vedanta - Swami Vivekanand.
- (6) Contemporary Indian Philosophy - R.S. Shrivastava.
- (7) History and Culture of the Pepole of India - Muzumdar.

- (8) Yoga philosophy - Swami Vivekanand.
- (9) Integral yoga - Sri Aurobindo - Pondichery - 1977.
- (10) Religion of man - R. Tagore - Landon - 1961.
- (11) An idealist view of life - Dr. Radhakrishnan
- (12) Indian Philosophy Vol - I and II - Dr. Radhakrishnan
- (13) Contemporary Indian Philosophy - Dr. Radhakrishnan and J.H. Muirthead.
- (14) To wards universal man - R. Tagore.
- (15) The philosophy of Ravindranath Tagore - Dr. S.Radhakrishnan
- (16) Tradition and Modernity - K.P. Karunakaran.
- (17)  $\int_0^1 x^2 dx = \frac{1}{3}$  -  $\int_0^1 x^3 dx = \frac{1}{4}$
- (18)  $\int_0^1 x^4 dx = \frac{1}{5}$  ;  $\int_0^1 x^5 dx = \frac{1}{6}$  ;  $\int_0^1 x^6 dx = \frac{1}{7}$  ;  $\int_0^1 x^7 dx = \frac{1}{8}$
- (19)  $\int_0^1 x^8 dx = \frac{1}{9}$  ;  $\int_0^1 x^9 dx = \frac{1}{10}$  ;  $\int_0^1 x^{10} dx = \frac{1}{11}$  ;  $\int_0^1 x^{11} dx = \frac{1}{12}$
- (20)  $\int_0^1 x^{12} dx = \frac{1}{13}$  ;  $\int_0^1 x^{13} dx = \frac{1}{14}$  ;  $\int_0^1 x^{14} dx = \frac{1}{15}$  ;  $\int_0^1 x^{15} dx = \frac{1}{16}$
- (21)  $\int_0^1 x^{16} dx = \frac{1}{17}$  ;  $\int_0^1 x^{17} dx = \frac{1}{18}$  ;  $\int_0^1 x^{18} dx = \frac{1}{19}$  ;  $\int_0^1 x^{19} dx = \frac{1}{20}$



**M.A. First Year  
Semester - I  
Paper - III  
Gandhian Moral Philosophy**

**Objectives:**

1. To introduce and acquaint students with Gandhian Moral Philosophical theories
2. To acquire a basic understanding of the main Gandhian Moral Philosophical ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Gandhian Moral Philosophical arguments

|   | <b>Periods</b> | <b>Marks</b> |
|---|----------------|--------------|
| <b>(1) Mahatma Gandhi : Life and Personality :</b>  | <b>13</b>      | <b>25</b>    |
| (a) Major incidents in Gandhiji's life.   |                |              |
| (b) Major qualities in Gandhiji's personality.  |                |              |
| (c) Sources of Gandhian thought : Eastern<br>(Upanishadas, Bhagwad Geeta and Jainism)   |                |              |
| (d) Sources of Gandhian thought : Western<br>(Bible, Ruskin and Tolstoy)  |                |              |
| <b>(2) Gandhiji's Treatment to moral concepts :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Concepts of man and society.  |                |              |
| (b) Truth (Satya as Sadhya) and Non-violence<br>(Ahimsa as Sadhan)  |                |              |
| (c) Concept of Inner voice.   |                |              |
| (d) Gandhiji's idea of God : Truth is God and God is Truth.   |                |              |
| (e) Doctrine of Anasaktiyoga.   |                |              |
| (f)   |                |              |
| <b>(3) Gandhiji's doctrine of Eleven Vows :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Nature of morality.   |                |              |
| (b) Morality and religion.  |                |              |
| (c) Gandhiji's adea of Panchsheela : Truth, Non Violence,<br>Brahmacharya, Asteya and Aparigraha.   |                |              |
| (d) Means and Ends as Sadhanshuchita.   |                |              |
| (e) Vows as Sadguna.  |                |              |
| (f) Gandhiji's eleven Vows : Truth, Non-Voilence, Brahmacharya,<br>Non stealing, Non-Possession Fearless, Bread labor, Swadeshi,<br>Aswad, Asprushyata Nivarana and Toleration of all religion. |                |              |
| <b>(4) Gandhiji's concept of Satyagraha :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Meaning of Satyagraha.  |                |              |
| (b) Nature of Satyagraha.   |                |              |
| (c) Characteristics of an ideal Satyagrahi.   |                |              |
| (d) Various techniques of Satyagraha.   |                |              |

**Books for reading and references :**

- (1) Hind Swaraj - M.K. Gandhi.
- (2) Foundation of Gandhian thought - K.S. Bharati.
- (3) Gandhi : Theory and Practice - S.D. Biswas (ed)
- (4) In search of the supreme - M.K. Gandhi.
- (5) Moral and Political Writings of Gandhi - Raghvan Iyer.

- (6) Modern Indian thought - V.S. Narvane.
- (7) Selections from Gandhiji - N.S. Bose.
- (8) Gandhi : His relevance for our times-G.Ramchandran & T.K.Mahadevan
- (9) M.K. Gandhi : 100 years - S. Radhakrishanan
- (10) The Philosophy of Mahatma Gandhi - D.M. Datta.
- (11) Gandhian Thought - Indu Tikekar.
- (12) Contemporary indian philosophers - Benay Gopal Ray.
- (13) ગાંધીજીના વિચારો - ગાંધીજીના વિચારો - ગાંધીજીના વિચારો.
- (14) ગાંધીજી - ગાંધીજીના વિચારો - ગાંધીજીના વિચારો - ગાંધીજીના વિચારો.
- (15) ગાંધીજીના વિચારો - ગાંધીજીના વિચારો - ગાંધીજીના વિચારો.

**OR**  
**M.A. First Year**  
**Semester - I**  
**Paper - III**  
**Social and Political Philosophy (Indian)**

**Objectives:**

1. To introduce and acquaint students with Social and Political Philosophical (Indian) theories
2. To acquire a basic understanding of the main Social and Political Philosophical (Indian) ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Social and Political Philosophical (Indian) arguments

|  | <b>Periods</b> | <b>Marks</b> |
|--|----------------|--------------|
| <b>1. Classical Issues :</b>   | <b>13</b>      | <b>25</b>    |
| (a) Mahabharta : Dandneeti, Rajdharm, law and Governance,<br>Narda's question to Yudhisthir. |                |              |
| (b) Kautilya : Sovereignty, seven pillars of state – craft.                                  |                |              |
| (c) Kamandki : Social order and State elements.  |                |              |
| <b>2. Modern Issues :</b>  | <b>14</b>      | <b>25</b>    |
| (a) Constitutional Morality  |                |              |
| (b) Constitutionalism  |                |              |
| (c) Secularism   |                |              |
| (d) Fundamental Rights.  |                |              |
| <b>3. Some Political Concepts :</b>  | <b>14</b>      | <b>25</b>    |
| (a) Social Democracy.  |                |              |
| (b) State Socialism.   |                |              |
| (c) Social Justice.  |                |              |
| (d) Total Revolution.  |                |              |
| (e) Satyagraha, Swadeshi, Sarvodya.  |                |              |
| <b>4. Social Institution :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Family   |                |              |
| (b) Marriage   |                |              |
| (c) Property   |                |              |
| (d) Education  |                |              |
| (e) Religion   |                |              |

**Books for reading and references :**

- (1) Contemporary Indian philosophy - T.M.P. Mahadevan and C.V. Saroja
- (2) Contemporary Indian philosophy - Basant Kumarlal
- (3) Contemporary Indian philosophy - Benay Gopal Ray
- (4) Indian nationalism and history – Jim Massebs
- (5) Politics after freedom –Madhu Limaye
- (6) The future of Indian Politics – M.N.Roy
- (7) Socialist movement in India – Krishna Sahay

- (8) समकालीन भारतीय राजकारण - सुहास पळशीकर
- (9) मूलभूत सामाजिक संस्था - सोनाली वाखरडे
- (10) गीतेतील निबंध (भाग.१ व २) - आर. टी. भाई
- (11) 'वैश्वदेव्या' - वि.ग.कानेटकर
- (12) महाभारताचे वास्तव दर्शन - 'वैश्वदेव्या'
- (13) काही विचारवंत काही इतिहास - प्र. ज. जागीरदार
- (14) भारतीय समाज आणि प्रश्न - डी.एस. मनवर
- (15) भारतीय सामाजिक समस्या - एस.एन.गंदेवार
- (16) समकालीन भारतीय चिंतक - सिन्हा
- (17) भारत में महापुरुष और उनके विचार - नागोरी
- (18) भारतीय राजनीती के नये आयाम - राजेश जैन

**M.A. First Year  
Semester - I  
Paper - IV  
Research Methodology in Social Sciences**

**Objectives:**

1. To introduce and acquaint students with Research Methodological theories
2. To acquire a basic understanding of the main Research Methodological ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Research Methodological arguments

|   | <b>Periods</b> | <b>Marks</b> |
|---|----------------|--------------|
| <b>(1) Introductory issues in social sciences :</b>                             | <b>13</b>      | <b>25</b>    |
| (a) Nature of Science.  |                |              |
| (b) Characteristics of Science .  |                |              |
| (c) Classification of Sciences.   |                |              |
| (d) Social Research : Meaning, Characteristics, Steps and Significance.         |                |              |
| (e) Obstacles of social Research  |                |              |
| <b>(2) Methods of data collection in social sciences :</b>                      | <b>14</b>      | <b>25</b>    |
| (a) Observation : Nature, Participant and Non-Participant types of observation. |                |              |
| (b) Method of social survey.  |                |              |
| (c) Questionnaire schedule.   |                |              |
| (d) Interview method.   |                |              |
| (e) Social experimentation.   |                |              |
| <b>(3) Qualitative Research :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Introduction.   |                |              |
| (b) Seven Moments of Qualitative Research.                                      |                |              |
| <b>(4) Some issues in social sciences :</b>                                     | <b>14</b>      | <b>25</b>    |
| (a) Hypothesis in social sciences research.                                     |                |              |
| (b) Tools of Data Collection : Types, attributes and uses.                      |                |              |
| (c) Problem of objectivity in social science.                                   |                |              |
| (d) Probability and non probability.  |                |              |
| (e) Importance of computer in social research.                                  |                |              |

**Books for reading and references :**

- (1) The structure of science - Ernst Nagal.
- (2) Philosophy of science - Karl Hempel.
- (3) Introduction to philosophy of science - R. Carnap.
- (4) Philosophy or social sciences - Richard Rudner.
- (5) Structure of social science - M. Lessnoff.
- (6) Methodology of social research - Goode and Hat.
- (7) Methodology and techniques of social research - Dr. Wilkinson and Dr. P.L. Bhandarkar.
- (8) Introduction to logic - I.M. Copi and Cohen.
- (9) Survey Research in social science - Mac Clusky.
- (10) Methods of social survey and research - S.R. Bajpai.

- (11) An introduction to research procedure - M.H. Gopal.
- (12) Computer fundamentals.
- (13) Encyclopedia Britanics - Paul Edwards.
- (14) Practical problems in statistics - D.N. Elhance.
- (15) Business statistics and computer application - G.V. Kumbhojkar.
- (17)  $\int \sin x \cos x dx = \frac{1}{2} \sin^2 x + \frac{1}{2} \cos^2 x + C$
- (18)  $\int \frac{1}{x^2} dx = -\frac{1}{x} + C$
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**OR**  
**M.A. First Year**  
**Semester - I**  
**Paper - IV**  
**Symbolic Logic (Propositional Logic)**

**Objectives:**

1. To introduce and acquaint students with Symbolic logical theories
2. To acquire a basic understanding of the main Symbolic logical ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Symbolic logical arguments

|  | <b>Periods</b> | <b>Marks</b> |
|--|----------------|--------------|
| <b>(1) Normal forms as decision procedure :</b>  | <b>13</b>      | <b>25</b>    |
| (a) Boolean rule of expansion :<br>Nature and use in normal forms.                         |                |              |
| (b) Conjunctive normal forms :<br>Nature and technique.                                    |                |              |
| (c) Disjunctive normal forms :<br>Nature and technique.                                    |                |              |
| (d) Practical examples on CNF and DNF.   |                |              |
| (e) Perfect normal forms : Perfect CNF and perfect DNF.                                    |                |              |
| <b>(2) Methods of deduction :</b>  | <b>14</b>      | <b>25</b>    |
| (a) Incompleteness of 19 rules.  |                |              |
| (b) Method of conditional proof : Nature,<br>Technique and Practical examples.             |                |              |
| (c) Strengthened rule of conditional proof :<br>Nature, Technique and exercises.           |                |              |
| (d) Method of indirect proof : Nature,<br>Technique and Practical examples.                |                |              |
| (e) Distinction between method of conditional proof<br>and indirect proof.                 |                |              |
| <b>(3) Proof of Tautologies :</b>  | <b>14</b>      | <b>25</b>    |
| (a) Proof of tautologies by C.P.   |                |              |
| (b) Proof of tautologies by I.P.   |                |              |
| (c) Practical examples on proving tautologies by C.P. and I.P.                             |                |              |
| <b>(4) Axiomatic System :</b>  | <b>14</b>      | <b>25</b>    |
| (a) Nature of axiomatic system.  |                |              |
| (b) Elements of deductive system and their role.   |                |              |
| (c) Characteristics of an axiomatic system: Consistency,<br>Completeness and independence. |                |              |
| (d) Russell's P.M. system: Its nature and elements.  |                |              |
| (e) Proof of first 15 theorems in P.M. system.   |                |              |

**Books for reading and references :**

- (1) Symbolic Logic - I.M. Copi and Cohen.
- (2) Introduction to Logic - I.M. Copi and Cohen.
- (3) Elements of formal Logic - Hughes and Londey.
- (4) Elements of Logic - Stephen Barker.

- (5) A modern Introduction to Logic - L.S. Stebbing.
- (6) Methods of Logic - W.V.O. Quine.
- (7) Logic Way Way of Set theory - Ehlers.
- (8) Introduction to Logic - Patric Suppes (Chapter on set theory only)
- (9) An Introduction to Mathematical Logic - Dr. Surendra Gaidhane.
- (10) Introduction to symbolic Logic - A.H. Basson and O. Connor D.N.
- (11)  $\vdash \exists x (A(x) \rightarrow B(x)) \rightarrow \exists x (A(x) \rightarrow B(x))$
- (12)  $\neg \exists x (A(x) \rightarrow B(x)) \rightarrow \forall x (A(x) \rightarrow B(x))$
- (13)  $\forall x (A(x) \rightarrow B(x)) \rightarrow \exists x (A(x) \rightarrow B(x))$
- (14)  $\exists x (A(x) \rightarrow B(x)) \rightarrow \forall x (A(x) \rightarrow B(x))$
- (15)  $\forall x (A(x) \rightarrow B(x)) \rightarrow \exists x (A(x) \rightarrow B(x))$
- (16)  $\forall x (A(x) \rightarrow B(x)) \rightarrow \exists x (A(x) \rightarrow B(x))$
- (17)  $\forall x (A(x) \rightarrow B(x)) \rightarrow \exists x (A(x) \rightarrow B(x))$



**SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED**



**“Dnyanteerth” Vishnupuri, Nanded - 431 606**

**Faculty of Humanities**

**Syllabus of Philosophy**

**M.A. First Year**

**Semester - II**

**(With effect from June 2019 and onwards )**

**M.A. First Year  
Semester - II  
Paper - V  
APPLIED ETHICS**

**Objectives:**

1. To introduce and acquaint students with Applied ethical theories
2. To acquire a basic understanding of the main Applied ethical ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Applied ethical arguments.

|   | <b>Periods</b> | <b>Marks</b> |
|---|----------------|--------------|
| <b>(ii) Applied Ethics : Introductory :</b>   | <b>13</b>      | <b>25</b>    |
| (i) Nature and Various forms of applied ethics.                                     |                |              |
| (ii) Morality and Law.  |                |              |
| (iii) The problem of autonomy of applied ethics.                                    |                |              |
| (iv) Importance of applied ethics.  |                |              |
| (v) Limits of applied ethics.   |                |              |
| <b>(iii) Medical Ethics :</b>   | <b>14</b>      | <b>25</b>    |
| (i) Doctor - Patient's relationship.  |                |              |
| (ii) Moral code for medical profession.   |                |              |
| (iii) Abuses in medical profession.   |                |              |
| (iv) Euthanasia and suicide.  |                |              |
| (v) Abortion and Female feticide.   |                |              |
| (vi) Surrogacy  |                |              |
| <b>(iv) Business Ethics :</b>   | <b>14</b>      | <b>25</b>    |
| (i) Nature of Business ethics.  |                |              |
| (ii) Development of Business ethics.  |                |              |
| (iii) Relation between Businessman and worker.                                      |                |              |
| (iv) Business ethics and practical morality.  |                |              |
| (v) Globalization and free market.  |                |              |
| (vi) Ethical Implications of information Technology, bio-technology, Non-technology |                |              |
| <b>(v) Media Ethics :</b>   | <b>14</b>      | <b>25</b>    |
| (i) Ethical Issues in privacy.  |                |              |
| (ii) Cyber Space.   |                |              |
| (iii) Pornography.  |                |              |
| (iv) Representation.  |                |              |
| (v) Difference – Marginalization.   |                |              |

**Books for reading and references :**

- (1) Applied ethics - Peter Singer (ed)
- (2) Ethics - W.K. Frankena.
- (3) Arguing in applied ethics - David Lamb.
- (4) Principles of Bio-medical ethics - J.F. Chidrese and Beau Champ T.L.
- (5) Practical ethics - Peter Singer.
- (6) The dilemma of Euthanasia - Jotin A. Behanke and Sissela Bok.
- (7) Ethics for today - Harold Titus.
- (8) Abortion : Law, Choice and Morality - Daniel Callahan.
- (9) Euthanasia - Richard Lamerton.
- (10) Encyclopedia of Bio-ethics : Vol. - II, Page 435 and 485.
- (11) Range of ethics - harold H Titus and Mori's T Kiton (ed).

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- (15) उपयोजित नीतिशास्त्र - प्रा. माधवी कवी
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- (17) उपयोजित नीतिशास्त्र:समस्या व उपाय - संपा. सुनिल साळुंके.
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**M.A. First Year**  
**Semester - II**  
**Paper - VI**  
**Contemporary Indian Philosophy-II**

**Objectives:**

1. To introduce and acquaint students with Contemporary Indian Philosophical theories.
2. To acquire a basic understanding of the main Contemporary Indian Philosophical ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Contemporary Philosophical arguments

|   | <b>Periods</b>            | <b>Marks</b> |
|---|---------------------------|--------------|
| <b>(1) J. Krishnamurti :</b>                  | <b>13</b>                 | <b>25</b>    |
| (a) Freedom from the known.                   |                           |              |
| (b) Analysis of self.                         |                           |              |
| (c) Inner revolution.                         |                           |              |
| (d) Concept of truth.                         |                           |              |
| (e) Conception of Thought                     |                           |              |
| (f) Choice less awareness.                    |                           |              |
| <b>(2) M.K. Gandhi :</b>                      | <b>14</b>                 | <b>25</b>    |
| (a) Notion of Truth.                          |                           |              |
| (b) Views on Non-Voilence.                    |                           |              |
| (c) Concept of Satyagraha.                    |                           |              |
| (d) Idea of Swaraj.                           |                           |              |
| (e) Doctrine of Sarvodaya.                    |                           |              |
| (f) Critique of Modern Civilization.          |                           |              |
| <b>(3) Dr. B.R. Ambedkar :</b>                | <b>14</b>                 | <b>25</b>    |
| (a) Varna and the Caste System.               |                           |              |
| (b) Critique of Hindu Religion.               |                           |              |
| (c) Approach to Religious Conversion.         |                           |              |
| (d) Distinction between Dharma and Dhamma.    |                           |              |
| (e) Dr. Ambedkar's Views on Status of Women.  |                           |              |
| (f) Neo - Buddhism.                           |                           |              |
| <b>(4) K.C. Bhattacharya &amp; M. N. Roy:</b> | <b>14</b>                 | <b>25</b>    |
| (a) K.C. Bhattacharya –                       | i) Swaraj in Ideas        |              |
|   | ii) Concept of Philosophy |              |
|   | iii) Subject as Freedom   |              |
|   | iv) Doctrine of Maya      |              |
| (b) M. N. Roy –                               | i) Redicial Humanism      |              |
|   | ii) Materialism           |              |

**Books for reading and references :-**

- (1) Contemporary Indian philosophy - R.S. Shrivastava.
- (2) Contemporary Indian philosophy - T.M.P. Mahadevan and C.V. Saroja
- (3) Contemporary Indian philosophy - Basant Kumarlal - Delhi - 1999.
- (4) Contemporary Indian Philosophers - Benay Gopal Ray - Allahabad - 1957.
- (5) Freedom for the known - J. Krishnamurti - 1997.
- (6) Hind Swaraj - Mahatma Gandhi

- (7) Writing the speeches Vol.-I Govt. of Maharashtra - Dr.B.R. Ambedkar.
- (8) Gandhiji's Political Philosophy - Bhikhu Parekh.
- (9) Modern Indian Thought - V.S. Narvane
- (10) History and Culture of the People of India - Muzumdar.
- (11) Selection from Gandhi - N.K. Bose, Navjeevan - 1957.
- (12) The moral and Political thought of Mahatma Gandhi-R.Iyer
- (13) Beyond Violence - J. Krishnamurti
- (14) Jyotirao Phuley - Ed. by G.P. Deshpande, New Delhi
- (15) Contemporary Indian Philosophy - Ed. by Dr.S. Radhakrishnan and J.H. Muirhead.
- (16) Tradition and Modernity - K.P. Karunakaran.
- (17) Sarvodaya - M.K. Gandhi - Navjeevan
- (18) The philosophy of Mahatma Gandhi - D.M. Datta.
- (19) Gandhi : His Relevance of our times - Ed. by G. Ramchandran and T.K. Mahadevan.
- (20) Gandhian Thought - Tikekar Indu.
- (21) Who were Shudras? - Dr.B.R. Ambedkar.
- (22) Buddha and His Dhamma - Dr. B.R. Ambedkar.
- (23) Current thoughts in Contemporary Philosophy - D.M. Datta.
- (24) Tradition and revolution - J. Krishnamurti.
- (25) ३०० महाराष्ट्र चिंतन - डॉ. अशुतोष काशी - ३०० महाराष्ट्र चिंतन (२०००) - > डॉ. अशुतोष काशी.
- (26) '०' अक्षर चिंतन - डॉ. अशुतोष काशी - २०००, २००३, २००४ - डॉ. अशुतोष काशी.
- (27) '०' अक्षर चिंतन - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी.
- (28) ३०० महाराष्ट्र चिंतन : आचार्य - डॉ. अशुतोष काशी (२०००-००००) - डॉ. अशुतोष काशी.
- (29) आचार्य काशी - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी (२०००-००००)
- (30) आचार्य काशी - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी (२०००-००००)
- (31) डॉ. अशुतोष काशी - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी (२०००-००००)
- (32) '०' अक्षर चिंतन : डॉ. अशुतोष काशी - डॉ. अशुतोष काशी. डॉ. अशुतोष काशी.
- (33) आचार्य - डॉ. अशुतोष काशी.
- (34) '०' अक्षर चिंतन - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी.
- (35) '०' अक्षर चिंतन - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी.
- (36) आचार्य काशी - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी.
- (37) '०' अक्षर चिंतन - डॉ. अशुतोष काशी - डॉ. अशुतोष काशी.

**M.A. First Year**  
**Semester - II**  
**Paper - VII**  
**Mahatma Gandhi's Social and Political Philosophy**

**Objectives:**

- (1) To introduce and acquaint students with Mahatma Gandhi's Social and Political Philosophical theories
- (2) To acquire a basic understanding of the main Mahatma Gandhi's Social and Political Philosophical ideas and questions.
- (3) To enhance students' ability to critically reflect, analyze and evaluate Mahatma Gandhi's Social and Political Philosophical arguments

|   | <b>Periods</b> | <b>Marks</b> |
|---|----------------|--------------|
| <b>(1) Gandhian Concept of Society :</b>  | <b>13</b>      | <b>25</b>    |
| (a) Concept of Human nature.  |                |              |
| (b) Gandhiji's view of the ideal society.   |                |              |
| (c) Concept of Ramrajya.  |                |              |
| (d) Implications of concept of Ram Rajya.   |                |              |
| (e) Gandhiji's critique of modern Civilization : Unemployment<br>Exploitation, Dehumanization and Violence.             |                |              |
| <b>(2) Sarvodaya as Social Ideal :</b>  | <b>14</b>      | <b>25</b>    |
| a. Meaning of Sarvodaya.  |                |              |
| b. Nature of Sarvodaya.   |                |              |
| c. Doctrine of Sarvodaya.   |                |              |
| d. Gandhiji's Critique of Socialism, Communism and Marxism.   |                |              |
| <b>(5) Gandhiji's views regarding social issues :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Principles of Varna Dharma.   |                |              |
| (b) Simplicity and decentralisation of power.   |                |              |
| (c) Co-operation and Trusteeship.   |                |              |
| (d) Gandhian view of some social problems untouchability, Role and Status of<br>women, Communal harmony, Communication. |                |              |
| <b>(6) Gandhian Political Ideas :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Meaning of freedom as a Political Value   |                |              |
| (b) The problem of means and ends in indian political life.   |                |              |
| (c) Gandhian concept of spiritualization of politics.   |                |              |
| (d) Satyagraha : Nature and Technique, Prerequisites of Satyagrahi.   |                |              |
| (e) Gandhiji's concept of democracy.  |                |              |
| (f) Concept of Swaraj.  |                |              |
| (g) Rights and Duties.  |                |              |
| (h) Stateless Society.  |                |              |

**Books for reading and references :**

- (1) Sarvodaya - M.K. Gandhi.
- (2) In search of the supreme - M.K. Gandhi.
- (3) Selections from Gandhiji - N.S. Bose.
- (4) The Philosophy of Mahatma Gandhi - D.M. Datta.
- (5) Gandhian Thought - Indu Tikekar.



**OR**  
**M.A. First Year**  
**Semester - II**  
**Paper - VII**  
**Social and Political Philosophy : (Western)**

**Objectives:**

1. To introduce and acquaint students with Social and Political Philosophical (Western) theories
2. To acquire a basic understanding of the main Social and Political Philosophical (Western) ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Social and Political Philosophical (Western) arguments

|  | <b>Periods</b> | <b>Marks</b> |
|--|----------------|--------------|
| <b>(1) Liberty, Equality, Justice :</b>            | <b>13</b>      | <b>25</b>    |
| (a) Isaiah Berlin : Conception of Liberty          |                |              |
| (b) Barnard Williams : Idea of Equality.           |                |              |
| (c) Justice : Plato, Rawls, Nozick, Amarty Sen     |                |              |
| <b>(2) Communitarianism and Multiculturalism :</b> | <b>14</b>      | <b>25</b>    |
| (a) Concept of Communitarianism.                   |                |              |
| (b) Communitarian critique of Liberal self.        |                |              |
| (c) Universal Vs Particularism.                    |                |              |
| (d) Concept of Multiculturalism                    |                |              |
| (e) Conception of Minority Rights.                 |                |              |
| (f) Charles Taylor: Politics recognition .         |                |              |
| <b>(3) Marxism :</b>                               | <b>14</b>      | <b>25</b>    |
| (a) Dialectical Materialism                        |                |              |
| (b) Alienation.                                    |                |              |
| (c) Critique of Capitalism.                        |                |              |
| (d) Doctrine of Class Struggle                     |                |              |
| (e) Classless society.                             |                |              |
| <b>(4) Feminism :</b>                              | <b>14</b>      | <b>25</b>    |
| (a) Basic Concept : Patriarchy, misogyny, Gender   |                |              |
| (b) Socialist feminism.                            |                |              |
| (c) Liberal feminism                               |                |              |
| (d) Radical feminism                               |                |              |
| (e) Eco feminism.                                  |                |              |

**Books for reading and references :**

- (1) Democracy and constitutionalism – John Elster (ed)
- (2) Democracy and destruct : A theory of judicial review – Joha Marr Ely
- (3) The constitution of liberty –F.A.Hayak
- (4) A theory Justice - Joha Rawls
- (5) An economic theory of democracy – Anthony Downs
- (6) The crisis of parliamentary democracy –Carl Schmitt
- (7) Four essays on liberty –Isaiah Berlin
- (8) Anarchy, State and Utopia –Robert Nozick
- (9) The problem of Global Justice –Thomn Nagel
- (10) Democracy and disagreement –Amy Gutmann and Dennis Thompson
- (11) The theory of Freedom Of expression - T.M.Scanl



**M.A. First Year  
Semester - II  
Paper - VIII  
Deductive Logic**

**Objectives:**

1. To introduce and acquaint students with Social and Political Philosophical (Western) theories
2. To acquire a basic understanding of the main Social and Political Philosophical (Western) ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Social and Political Philosophical (Western) arguments

|  | <b>Periods</b> | <b>Marks</b> |
|--|----------------|--------------|
| <b>(1) Logic :</b>   | <b>13</b>      | <b>25</b>    |
| (a) Logic : Definition, Scope, Nature.   |                |              |
| (b) Truth and validity.  |                |              |
| (c) Propositions   |                |              |
| (d) Classification of Proposition :<br>Traditional Modern and fourfold scheme of<br>Categorical proposition. |                |              |
| (e) Law of thoughts.   |                |              |
| (f) Doctrine of distribution of terms.   |                |              |
| <b>(2) Immediate Inference :</b>   | <b>14</b>      | <b>25</b>    |
| a. Immediate Inference : Meaning and nature  |                |              |
| b. Types of Immediate inference.   |                |              |
| c. Square of opposition.   |                |              |
| d. Education : conversion and obversion  |                |              |
| e. Difference between opposition and education.  |                |              |
| <b>(3) Mediate Inferable :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Nature and kinds of mediate inference.   |                |              |
| (b) Categorical syllogism: Meaning, Structure, General rules.  |                |              |
| (c) Modes and figures  |                |              |
| (d) Types of syllogism.  |                |              |
| (e) Dilemma  |                |              |
| <b>(4) Logical Fallacies :</b>   | <b>14</b>      | <b>25</b>    |
| (a) Deductive formal fallacies   |                |              |
| (b) Verbal Fallacies.  |                |              |
| (c) Non-Verbal Fallacies.  |                |              |

**Books for reading and references :**

- (1) Symbolic Logic - I.M. Copi and Cohen.
- (2) Introduction to Logic - I.M. Copi and Cohen.
- (3) Elements of formal Logic - Hughes and Londey.
- (4) Introduction to Symbolic Logic - A.H. Basson and O Connor D.N.
- (5) Elements of Logic - Stephen Barker.
- (6) A modern Introduction to Logic - L.S. Stebbing.
- (7) Methods of Logic - W.V.O. Quine.
- (8) An Introduction to Mathematical Logic - Dr. Surendra Gaidhane.
- (9) Introduction to Logic - Patric Suppes

- (10)  $\forall x \in \mathbb{R}, \exists y \in \mathbb{R} (x + y = 1) \rightarrow \exists z \in \mathbb{R} (x + z = 0) \wedge \exists w \in \mathbb{R} (x + w = 0)$
- (11)  $\exists x \in \mathbb{R} (\forall y \in \mathbb{R}, x + y = 0) \rightarrow \exists z \in \mathbb{R} (z = 0)$
- (12)  $\forall x \in \mathbb{R} (\exists y \in \mathbb{R}, x + y = 0) \rightarrow \exists z \in \mathbb{R} (z = 0) \wedge \exists w \in \mathbb{R} (z + w = 0)$
- (13)  $\forall x \in \mathbb{R} (\exists y \in \mathbb{R}, x + y = 0) \rightarrow \exists z \in \mathbb{R} (z = 0) \wedge \exists w \in \mathbb{R} (z + w = 0)$
- (14)  $\forall x \in \mathbb{R} (\exists y \in \mathbb{R}, x + y = 1) \wedge \exists z \in \mathbb{R} (z = 2) \rightarrow \exists w \in \mathbb{R} (w = 0) \wedge \exists v \in \mathbb{R} (v = 0) \wedge \exists u \in \mathbb{R} (u = 0)$
- (15)  $\forall x \in \mathbb{R} (x = 0) \rightarrow \exists y \in \mathbb{R} (y = 0) \wedge \exists z \in \mathbb{R} (z = 0)$
- (16)  $\forall x \in \mathbb{R}, \exists y \in \mathbb{R} (x + y = 0) \rightarrow \exists z \in \mathbb{R} (z = 0) \wedge \exists w \in \mathbb{R} (z + w = 0) \wedge \exists v \in \mathbb{R} (v = 0)$
- (17)  $\exists x \in \mathbb{R} (\forall y \in \mathbb{R}, x + y = 0) \rightarrow \exists z \in \mathbb{R} (z = 0) \wedge \exists w \in \mathbb{R} (z + w = 0)$

**OR**  
**M.A. First Year**  
**Semester - II**  
**Paper - VIII**  
**Symbolic Logic (Predicates, Relations and Sets)**

**Objectives:**

1. To introduce and acquaint students with Symbolic logical theories
2. To acquire a basic understanding of the main Symbolic logical ideas and questions.
3. To enhance students' ability to critically reflect, analyze and evaluate Symbolic logical arguments

|   | <b>Periods</b> | <b>Marks</b> |
|---|----------------|--------------|
| <p><b>(1) Advanced Predicate Logic :</b></p> <ol style="list-style-type: none"> <li>a. Introductory Predicate Logic.</li> <li>b. Singly and Multiply General Propositions.</li> <li>c. The nature of Multiply General Propositions. Two Varieties :-               <ol style="list-style-type: none"> <li>i. Truth Functionally Compound.</li> <li>ii. One General Proposition Containing another General Proposition within it.</li> </ol> </li> <li>d. Exercises in Symbolizing both kinds of multiply General Propositions.</li> <li>e. Revised rules of quantification - UI, UG, EI and EG.</li> <li>f. Exercises in proving validity of arguments involving multiply General Propositions.</li> <li>g. Exercises in proving logical truth involving quantifiers.</li> <li>h. Rule of quantifier negation.</li> </ol> | <b>13</b>      | <b>25</b>    |
| <p><b>(2) Proving In Validity of Invalid Arguments :</b></p> <ol style="list-style-type: none"> <li>(a) The basis of demonstration of in validity of arguments.</li> <li>(b) Method of demonstration invalidity of arguments in predicate logic. (Through assumptions of increasing universe of discourse)</li> <li>(c) Exercises in demonstration the invalidity of arguments in predicate logic.</li> </ol>   | <b>14</b>      | <b>25</b>    |
| <p><b>(3) Relational Logic :</b></p> <ol style="list-style-type: none"> <li>(a) Nature and Kinds of relational propositions.</li> <li>(b) Symbolization of relational propositions.</li> <li>(c) Properties of dyadic relations :               <ol style="list-style-type: none"> <li>(1) Symmetry / Asymmetry / Non symmetry.</li> <li>(2) Transitivity / Intransitivity / Non transitivity.</li> <li>(3) Reflexivity / In reflexivity / Non reflexivity</li> </ol> </li> <li>(d) Proving validity of relational arguments by direct and conditional proof.</li> </ol>  | <b>14</b>      | <b>25</b>    |

- (e) Enthymeme : Its nature and proving validity of enthymic arguments.
- (f) Study of identity as relations.

- (4) **Elementary set theory :** 14 25
- (a) Definitions : Set, Element of Set, Sub - Set, Proper Sub - Set, Null Set and Universal Set.
  - (b) Modes of specifying a Set : Listing and defining.
  - (c) Basic operations on sets : Union, Inter section and complementary.
  - (d) Practical examples on set operations.
  - (e) Demorgan's laws in terms of set theory.
  - (f) Interpreting A, E, I and O propositions interms of set theory.

**Books for reading and references :**

- (1) Symbolic Logic - I.M. Copi and Cohen
- (2) Introduction to Logic - I.M. Copi and Cohen.
- (3) Elements of formal Logic - Hughes and Londey.
- (5) Introduction to Symbolic Logic - A.H. Basson and O Connor D.N.
- (6) Elements of Logic - Stephen Barker.
- (7) A modern Introduction to Logic - L.S. Stebbing.
- (8) Methods of Logic - W.V.O. Quine
- (9) Logic by Way of set theory – Ehlers
- (10) Introduction to Logic - Patric Sup
- (11)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  - 1 -  $\supset$   $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (12)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (13)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (14)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (15)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (16)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (17)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (18)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (19)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (20)  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$  -  $\forall x(A \supset B) \supset (\forall x A \supset \forall x B)$
- (20) An Introduction to Mathematical Logic - Dr. Surendra Gaidhane. (