

॥ अंतरी पेटवू ज्ञानज्योत ॥



North Maharashtra University,
Jalgaon

Syllabus for S.Y.B.A.

PHILOSOPHY

(W.e.f. July,2003)

NORTH MAHARASHTRA UNIVERSITY, JALGAON
Syllabus for S.Y.B.A. PHILOSOPHY
Special Paper I - Greek Philosophy
W.e.f. 2003

Section I: Sophists, Socrates and Plato

Topic 1 Sophists

- 1.1 The Philosophy of Protagoras
- 1.2 The Philosophy of Gorgias
- 1.3 Influence of the Sophists
- 1.4 Implication of the Sophist Philosophy.

Topic 2 Socrates

- 2.1 Background of Socratic Philosophy
- 2.2 Socratic Method
- 2.3 Socratic Ethics

Topic 3 Plato

- 3.1 Plato's Theory of Knowledge
- 3.2 Plato's Theory of Ideas or Dialectics
- 3.3 Plato's Ethics
- 3.4 Plato's Doctrine of the World
- 3.5 Plato's Doctrine of the Human Soul
- 3.6 Plato's Views on Art

Section II: Aristotle, Neoplatonism and Plotinus

Topic 4 Aristotle

- 4.1 Aristotle's Logic
- 4.2 Aristotle's Metaphysics
- 4.3 Aristotle's Theory of Causation
- 4.4 Form and Matter
- 4.5 The Particular and the Universal
- 4.6 The Mover and the Moved
- 4.7 The Structure of the Universe
- 4.8 Aristotle's Ethics
- 4.9 Aristotle's views on Art
- 4.10 Aristotle's views on History
- 4.11 Aristotle's views on Religion

Topic 5 Neoplatonism and Plotinus

- 5.1 The Origin, Character and the development of Neoplatonism
- 5.2 Plotinus
- 5.3 The Supersensual World
- 5.4 The Doctrine of the Phenomenal World
- 5.5 Exaltation into a supersensual World

Books for Reading and Reference:

1. Outlines of the History of Greek Philosophy: Edward Zeller, 1956
2. A Critical History of Greek Philosophy: Stace W. T., London Macmillan and Co. Ltd 1956
3. Greek Philosophy: Thales to Aristotle, ed. by Reginald E. Allen, Indiana University
- ४) ग्रीक तत्वज्ञान - तुळपुळे एस.जी.
- ५) पाश्चात्य तत्वज्ञानाचा इतिहास - डॉ.ग.ना.जोशी भाग १
- ६) अॅरिस्टॉटल - गो.वि.तुळपुळे : चरित्र आणि तत्वज्ञान

NORTH MAHARASHTRA UNIVERSITY, JALGAON
Syllabus for S.Y.B.A. PHILOSOPHY
Special Paper II - Theory of Knowledge
W.e.f. 2003

Section I: Western Epistemology

Topic 1

- 1.1 Certainty of Epistemological Issues in Philosophy
- 1.2 Relationship of Epistemology with other branches of Philosophy
- 1.3 Elements of Knowledge: Concept, Image and Proposition

Topic 2

(A)

- 2.1 Sources of Knowledge: Sense experience, Reason, Authority and Faith
- 2.2 Scepticism
- 2.3 Notion of Truth as a characteristic of Proposition
- 2.4 The Nature of Propositions: Analytic/Synthetic; A priori/A posteriori
- 2.5 Truth and Belief

(B)

- 2.6 The Criteria of Truth
- 2.7 Correspondence
- 2.8 Coherence
- 2.9 Utility
- 2.10 Intuition

Section II: Indian Epistemology

Topic III

- 3.1 Prama: The concepts of Prama and Aprama
- 3.2 Pramanas: Pratyaksa, A general Account of anumana, sabda, upamana, Arthapatti, Anupalabdhii

Topic IV

- 4.1 Theory of Pramanya
- 4.2 Swatahpramanyavada . Parathpramanyavada

Books For Reading and Reference:

1. Introduction to Philosophical Analysis by John Hospers
2. The Fundamental Questions of Philosophy
3. Outlines of Indian Philosophy by Hiranna M.
4. Philosophical Inquiry by Beck L. W. and Rouart Holms
5. Articles on Categories and chapter I from 'The Concept of Mind' by Gilbert Ryle
6. The Range of Philosophy by Titus H. S. AND Hepp M. H

७) भारतीय तत्वज्ञान श्री.ह.दिसित

८) भारतीय तत्वज्ञानाची रूपरेषा अनु.भा.ग.केतकर

९) पाश्चात्य तत्वज्ञानाचा इतिहास भाग १, २ व ३ - डॉ.ग.ना.जोशी

१०) भाषा, सत्य आणि तर्क - डॉ.अंतरकर शि.स

११) रसेल (अनुवाद) - सु.वा.बखले

१२) अध्यात्मशास्त्राची मूलतत्वे - शं.वा.दांडेकर

NORTH MAHARASHTRA UNIVERSITY, JALGAON
Syllabus for S.Y.B.A.

General Paper II- Modern Philosophical Thought
W.e.f. 2003

Section I: Karl Marx, Bertrand Russell and Jean Paul Sartre

Topic 1 Karl Marx

- 1.1 The Refutation of Hegel's Idealism by Marx
- 1.2 The Dialectical Method of Marx
- 1.3 Nature and Forms of Materialism
- 1.4 The Theory of Class- Conflict and its evaluation
- 1.5 Alienation
- 1.6 Alienation in Capitalist Society
- 1.7 Classless and Stateless Society

Topic 2 Bertrand Russell

- 2.1 The Role of Science on Human Knowledge
- 2.2 Science and Knowledge
- 2.3 Conflict between Religion and Science
- 2.4 Education for World peace and Happiness
- 2.5 Freedom versus Authority
- 2.6 Views on Morality and Moral Laws

Topic III Jean Paul Sartre

- 3.1 The Nature of Existentialism
- 3.2 The Concept of Nothingness
- 3.3 The Concept of Self
- 3.4 The Nature of Human Freedom
- 3.5 The Concept of Being
- 3.6 Sartre's Atheism
- 3.7 Sartre's Philosophy as Humanism

Section II: Mahatma Gandhi, Dr. B. R. Ambedkar, Swatantryveer Savarkar

Topic IV: Mohandas Karamchand Gandhi

- 4.1 The notion of Truth
- 4.2 Gandhi's views on non-violence
- 4.3 Gandhi's concept of Satyagraha: Satyagraha as a means of social change
- 4.4 Gandhi's Doctrine of Satyagraha
- 4.5 Gandhi's critique of modern civilization

Topic V: Dr. Bhimabao Ramaji Ambedkar

- 5.1 Critique of Hindu Religion
- 5.2 Critique of Hindu Social and Value System
- 5.3 Dr. Ambedkar's views on Buddhism
- 5.4 Distinction between dharma and dhamma
- 5.5 Dr. Ambedkar as the architect of the Indian Constitution.

Topic VI: Swatantryveer Savarkar

- 6.1 Society committed to science
- 6.2 Four varnas and the caste system
- 6.3 Savarkar's views on women
- 6.4 Savarkar's views on Philosophy and Conversion
- 6.5 Savarkar's Hindu Nationalism
- 6.6 The Rationalism of Savarkar

Books For Reading and Reference:

- 1 *The Thought of Karl Marx* Macmillan, 1971(Reprint)
- 2 *Marx Karl Selected Writings*, ed. by Macmillan, D., 1975
- 3 *The Basic Writings of Bertrand Russell*, ed. by Robert Eagner
- 4 *Impact of Science on Society* Bertrand Russell
- 5 *Principles of Social Reconstruction* Bertrand Russell (Allen and Unwin)
- 6 *The Philosophy of Sartre* Warnock Mary, Hutchinson University Library, 1966
- 7 *Modern Indian Thought* Naravane V S
- 8 *Selections from Gandhiji* Bose N. S
- 9 *Who were the Shudras?* Dr Babasaheb Ambedkar
- 10 *Buddha and His Dhamma* Dr Babasaheb Ambedkar
- 11 *Contemporary Indian Philosophy* R. S. Srivastava
- 12 *Current Thoughts in Contemporary Philosophy*, Datta D. M.
- 13 *Satyagra Savarkar Vangmaya*, Vol. 1 to 8, Satyagra Savarkar Vangmaya Prakashan Samiti, Maharashtra PrantcHindusabha, Pune 1965
- 14 *Savarkaranche Samajkaran. Satya ani Viparyas* : sProf. Shesharav More, Rajahans Publications, Pune, 1992
- 15 *Jepgul* Acharya Balarav Savarkar, Vir Savarkar Publication, Mumbai, 1988.

- १६) मार्क्सचा विचार - राम बापट
- १७) भारतातील समाजवाद शोध व बोध - डॉ. भी रं. जोशी
- १८) विज्ञानाचा समाजसुधारणेवरील परिणाम - कमलाकर दिक्षित (अनु.)
- १९) बंटोड रसेल - सु वा. बखले
- २०) रसेलचे निवडक लेख - डॉ. भा. ज. कविमंडन
- २१) अस्तित्त्ववादाची ओळख - दि. के. बेडेकर
- २२) अस्तित्त्ववाद - डॉ. रविन्द्र मनोहर
- २३) पाश्चात्य तत्त्वज्ञानाचा इतिहास, खंड १, २ व ३ - डॉ. ग. ना. जोशी
- २४) गांधी- नलिनी पंडित
- २५) आंबेडकर तत्त्वज्ञान ताराचंद खांडेकर
- २६) आंबेडकर विचारमथन - वी ना. कुबेर
- २७) समाजवादी डॉ. बाबासाहेब आंबेडकर - डॉ. बी आर. जोशी
- २८) आंबेडकर व मार्क्स - रावसाहेब कसबे
- २९) तत्त्वज्ञान अनुत्तर भिषको, भागवान बुध्द व अन्य प्रज्ञावंत
- ३०) समकालीन भारत दर्शन - डॉ. श्रीमती लक्ष्मी सक्सेना

NORTH MAHARASHTRA UNIVERSITY, JALGAON
Syllabus for S.Y.B.A. PHILOSOPHY
General Paper II- System of Indian Philosophy (Alternate Course)
W.e.f. 2003

Section - I Carvaka, Nyaya, Sankhya.

Topic - 1 Carvaka

- 1.1 Pratyaksa as means of knowledge.
- 1.2 Refutation of Anumana as means of knowledge
- 1.3 Carvaka's Materialism
- 1.4 Carvaka's theory of four elements
- 1.5 Body as self
- 1.6 Acceptance two purusartha : Kama and Artha

Topic - 2: Nyaya

- 2.1 Concept of valid knowledge
- 2.2 Criteria of validity of knowledge
- 2.3 Four means of knowledge
- 2.4 Nature and kinds of perception
- 2.5 Nature of Inference
- 2.6 Kind of causes
- 2.7 Doctrine of Arambhavada
- 2.8 Nyaya concept of pluralism and realism

Topic - 3: Sankhya & Yoga

- 3.1 Doctrine of Satkaryavada
- 3.2 Sankhya Dualism
- 3.3 Nature and characteristics of purusa
- 3.4 Nature and characteristics of Prakriti
- 3.5 Nature of five sense organs, five action organs five tanmatras, five mahabhutas, ahankara, manas
- 3.6 Theory of Triguna
- 3.7 What is Yoga? Yoga and Psychology
- 3.8 Ashtangamarga

Section - II Jainism, Buddhism, Advaita Vedanta

Topic - 4:

- 4.1 Jaina Pluralism
- 4.2 Jaina Doctrine of Syadavada
- 4.3 Jaina Doctrine of Nayas
- 4.4 Nature of Pudgalas
- 4.5 Concept of Samvara, Nirjara

- 4.6 Jaina theory of Jiva and Ajiva
- 4.7 Jaina Theory of Substance

Topic - 5: Buddhism

- 5.1 Doctrine of four noble truths
- 5.2 Eight-fold path
- 5.3 Doctrine of Pratitya Samutpada
- 5.4 Doctrine of Kshanabhangavada (Impermanence)
- 5.5 No - Self theory
- 5.6 Meaning of Nirvana

Topic - 6: Advaita Vedanta

- 6.1 Nature of Brahman
- 6.2 Nature of the world
- 6.3 Theory of Causation - Vivartavada
- 6.4 Doctrine of Maya
- 6.5 Concept of Adhyasa

(Note All the units of the syllabus carry equal marks)

Books for reading.

- 1) M. Hiriyanna - Outlines of Indian Philosophy
- 2) Datta and Chattarji - An Introduction of Indian Philosophy
- 3) C. D. Sharma - Critical Survey of Indian Philosophy

Books for Reference.

- 4) Radhakrishna S. - Indian philosophy, Vol. I and II
- 5) Dasgupta S. N. - History of Indian philosophy (Abridged)
- ६) केतकर भा.म. (अनु) भारतीय तत्वज्ञानाची रूपरेषा (पुणे विद्यापीठ)
- ७) दिक्षित श्री.ह. - भारतीय तत्वज्ञान (म.वि.ग्रं. मंडळ)
- ८) जोग द.वा. - भारतीय दर्शन संग्रह

NORTH MAHARASHTRA UNIVERSITY, JALGAON
Syllabus for S.Y.B.A. LOGIC
LOGIC AND METHODOLOGY OF SCIENCE
General Paper II- Advanced Modern Logic
W.e.f. 2003

Section I Propositional Logic

Topic I - Decision Procedures : Normal forms

- (a) Boolean rule of expansion : Its nature and use in normal forms.
- (b) Normal forms as decision procedure.
- (c) Conjunctive normal forms.
- (d) Disjunctive normal forms
- (e) Perfect normal forms : Perfect C. N. F. and perfect D. N. F.

Topic II - Brackets, Polish notations and stroke and dagger functions

- (a) Brackets : Its nature, Parenthesis, free notations, use of dots as brackets etc.
- (b) Polish notations : Need and nature, Rewriting logical connectives in terms of polish notations. Exercises in rewriting logical propositions in terms of polish notations.
- (c) Stroke and dagger functions : Its nature and basic truth tables, Rewriting logical connective and logical formulas in terms of stroke and dagger operators.

Topic 3 - Methods of deduction and proving Invalidity

- (a) Incompleteness of 19 rules.
- (b) Method of Conditional Proof
- (c) Strengthened rule of conditional proof
- (d) Method of Indirect proof
- (e) Proof of tautologies by C. P. and I. P.
- (f) Proving invalidity : Its nature and Exercises in proving the invalidity of an argument

Topic 4 - Axiomatic System

- (a) Nature of an axiomatic system.
- (b) Elements of deductive systems and their role
- (c) Evaluation of deductive system in terms of consistency, completeness and independence
- (d) Russell's Principia Mathematica system and its first 15 theorems.

Section II - Quantificational Logic

Topic 5 - Predicate Calculus (First order predicate Logic)

- (a) Need for the study of predicate Logic
- (b) The symbolic structure of predicate propositions: Individual and predicate constants, Individual and predicate Variables.

- (c) Singular and General Proposition : Its nature, types and symbolisation
- (d) Exercises in symbolising singular and General propositions.
- (e) Propositional functions Their nature, obtaining propositions from propositional functions:

Instantiation - Quantification

- (f) Distinction between propositional function and proposition
- (g) Quantifiers Their nature, types and function, meaning of universal and Existential quantifiers

Topic 6 - Preliminary Version of quantificational rules.

- (a) Explaining the need for quantificational rules
- (b) Rules of quantification in predicate Logic.
- (c) Explaining the nature, form and use of each of the four quantification rules UI, UG, EI and EG (preliminary Version only)

Topic 7 - Proving Validity of arguments involving quantifiers

- (a) Proving Validity of arguments involving quantifiers by direct proof.
- (b) Proving Validity of arguments involving quantifiers by Conditional proof
- (c) Proving Validity of arguments in predicate Logic by Indirect proof.

Topic 8 - Proving Invalidity of invalid arguments involving quantifiers

- (a) Method of proving invalidity of and invalid arguments involving quantifiers (Through assumption of Increasing universe of discourse.)
- (b) Exercises in demonstrating the invalidity of arguments in predicate Logic.

Readings

- (1) Symbolic Logic - I. M. Copi
- (2) Introduction to Logic - I. M. Copi and Cohen
- (3) Elements of formal Logic - Hughes and Londey
- (4) Elements of Logic - Stephen Barker
- (5) methods of Logic - W. V. O. Quine
- ६) आकारिक तर्कशास्त्र - प्रा. मे. पु. रेगे
- ७) तर्करेखा भाग १ - डॉ. सुरेंद्र बारलिंगे व डॉ. मो. प्र. मराठे
- ८) तर्करेखा भाग २ - डॉ. सुरेंद्र बारलिंगे व डॉ. मो. प्र. मराठे
- ९) तर्कदिपीका - प्रा. व. वि. अकोलकर
- १०) सुगम आकारिक तर्कशास्त्र - डॉ. श्री. र. कावळे व डॉ. लीला गोळे