

Rayat Shikshan Sanstha`s
Chhatrapati Shivaji College, Satara
(Autonomous)



Accredited By NAAC with 'A+' Grade
Choice Based Credit System
Syllabus For
B.A. Part - II
IDS
Logic (Traditional)
(Syllabus to be implemented from June, 2020 onwards.)



Rayat Shikshan Sanstha's,
Chhatrapati Shivaji College, Satara
(Autonomous)
Choice Based Credit System

Department of Psychology

B.A.II Logic (T)
Title and Subject Code:

IDS

Sr. No.	Semester	Name of the Course	Subject code	Discipline Specific Elective
1	III	Logic (T)	LOG 1	Generic Elective 1
2	IV	Logic (T)	LOG 2	Generic Elective 2

Course Structure

B.A. Part - II: GENERIC ELECTIVE

Sr. No.	Sem	Title of the Paper	Course	Distribution of Credit	Workload	Total Credit	Theory Marks	Internal Evaluation
1	III	Logic(T) Deductive	I	4	60 Lectures	8	60	40
2	IV	Logic(T) Inductive	II	4	60 Lectures		60	40



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Choice Based Credit System
Department of Psychology
B.A.II Logic (T) -IDS

Equivalence

Sr. No.	Class	Semester	Paper No.	Title of the Paper Old	Title of the Paper (New)
1	B.A.II	III	1	Logic (T) (Deductive)	Logic (T) (Deductive)
2	B.A.II	IV	2	Logic (T) (Inductive)	Logic (T) (Inductive)



Raytat Shikshan Sanstha's
Chatrapati Shivaji College, Satara
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Choice Based Credit System
B.A. II Semester III
June 2020 onwards
I.D.S Course
Logic (T) (Deductive) – I
Subject Code: LOG 1
(Credit 04)

Preamble: Logic is the important tool to develop critical thinking. When used in arguments and decision making, deductive reasoning is used as a guideline to present factual evidence. Deductive reasoning allows them to apply the theories to specific situations. Logic study will student to develop analytical soft skills.

Course Outcomes:

- CO-1 Describe the basic concepts of logic
- CO-2 Understand the Classification of propositions
- CO-3 Distinguish between two types of immediate inferences
- CO-4 Understanding syllogism and dilemma

Expected Skills impartation (Through theory and practical):

1. Implanting analytical thinking.
2. Providing applications of theories in practical.

		Periods	CO's
Unit:1	Nature and scope of Logic A. Kinds of knowledge, definition and nature of logic B. Deductive and inductive Inference C. Propositions , Term, Laws of Thought	15	CO 1
Unit:2	Classification of Propositions A. Categorical Proposition B. Conditional Propositions C. Distribution of terms of A,E,I,O Propositions	15	CO 2
Unit:3	Immediate Inference A. Oppositions of prepositions B. Education - Conversion and Obversion	15	CO 3
Unit:4	Mediate Inference A. Categorical syllogism – Nature, general rules, figures and moods B. Mixed Hypothetical Syllogism – rules, kinds and fallacies C. Dilemma - nature, structure types, sources of fallacies in a dilemma, Refutation and rebuttal of dilemma	15	CO 4

Practical Work:	
1. Applying dilemma theory for journalism and other sectors	CO 4
Reference Books:	
<ol style="list-style-type: none"> 1. Dikshit, Shrinivas (1967), Tarkshashtra. Kolhapur: Maharashtra Granth Bhandar 2. Hulyalkar, S. G.; Kale S. V.; Kawale, S. R.(1959), Sugam Tarkashastra aani vaidnyanik padhatti. Pune : Anaath Vidyarthi Gruha Prakashan. 3. Hurley, P., & Watson,L.(2018), A Concise Introduction to Logic. Delhi: Wadsworth 4. Kadam, Mukund (1969), <i>SulabhTrkshastra</i>. Satara: Ravil Publication 5. Khandagale, Chandrakant (2015), Nigami Tarkshashtra. Sangali: Sau. Mayadevi Khandagale 6. Pataskar,N.(1968), Tarkshastra. Kolhapur: Maharashtra Granth Bhandar 7. Phadke, N. C.; (1959), Tarkshastra aani vaidnyanik padhatti. Pune :Deshmukh Prakashan. 	
Suggested Research Journal:	
<ol style="list-style-type: none"> 1. Journal of Philosophical Logic, Springer 2. Journal of Logic and Computation, Oxford Academic 3. Logic journal of IGPL, Oxford Academic 4. The Journal of Symbolic Logic, JSTOR 5. Journal of Applied Logic, Science Direct 6. History and Philosophy of Logic, Taylor & Francis Online 	
Additional Reading:--	
Medium of Instruction :Marathi / English	
Library and laboratory equipment's: --	

बी. ए. भाग २- **IDS**

सत्र ३

Logic (T) निगमन

प्रश्नपत्रिका स्वरूप

एकूण गुण – ६०

प्रश्न १	अ	रिकाम्या जागा भरा.	गुण ५
	ब	एका वाक्यात उत्तरे द्या.	गुण ५
प्रश्न २	अ	जोड्या जुळवा किंवा फरक स्पष्ट करा.	गुण ५
	ब	चूक की बरोबर ते लिहा.	गुण ५
प्रश्न ३	अ	पर्यायी प्रतियोग अनुमाने काढा. (तीन पैकी कोणतीही दोन)	गुण ६
		किंवा संकल्पना स्पष्ट करा. (तीन पैकी कोणतीही दोन)	
	ब	संज्ञा स्पष्ट करा. (तीन पैकी कोणतीही दोन)	गुण ४
प्रश्न ४	अ	खालील अनुमानांची युक्तता तपासा. (तीन पैकी कोणतीही दोन)	गुण ६
		किंवा टीपा लिहा.	
	ब	थोडक्यात उत्तरे द्या. (तीन पैकी कोणतीही दोन)	गुण ४
प्रश्न ५		खालील युक्तिवादांची युक्तता तपासा. (चार पैकी कोणतीही दोन)	गुण १०
		किंवा सविस्तर उत्तरे द्या. (तीन पैकी कोणतीही दोन)	गुण १०
प्रश्न ६		खालील उभायापत्तीची युक्तता तपासा. (तीन पैकी कोणतीही दोन)	गुण १०
		किंवा सविस्तर उत्तरे द्या. (तीन पैकी कोणतीही दोन)	गुण १०



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Choice Based Credit System

B.A. II Semester IV

June 2020 onwards

I.D.S Course

Logic (T) (Inductive) – II

Subject Code: LOG 2

(Credit 04)

Preamble: Inductive logic helps to develop scientific attitude and makes familiar with research methods. It is attempt to enable students use principles of rational emotive behaviour therapy and inductive logic principles hand in hand.

Course Outcomes:

CO-1 Understanding inductive leap and empirical knowledge

CO-2 Make student familiar with research methods

CO-3 Generate valid hypothesis

CO-4 Understand difference between rational and irrational thinking and disputing irrational thoughts

Expected Skills impartation (Through theory and practical):

1. Appling research findings to general population / strata
2. Developing research attitude
3. Assessing thoughts and situation on rationality criteria

		Periods	CO's
Unit:1	Nature and kinds of Inductive Inference A. Simple Enumeration B. Analogy C. Scientific Induction	15	CO – 1
Unit:2	Grounds of Induction A. Principles of causality and uniformity of nature B. Observation – Characteristics, fallacies C. Experiment – Nature , Merits and Demerits	15	CO – 2
Unit:3	Hypothesis A. Definition, nature and importance of hypothesis B. Conditions of valid hypothesis C. Verification and proof of hypothesis	15	CO – 3
Unit:4	Rational Emotive Behavioural Therapy (REBT) A. REBT : History, Basic concepts, ABC theory of personality B. 4 Core irrational beliefs, the irrational content (approval/ affiliation, achievement, comfort, power/ control, fairness), connection between irrational beliefs and irrational content C. logical disputation of irrational beliefs	15	CO – 4

Practical Work: (Case study / Project) 1. Generating hypotheses for research subject 2. Applying REBT principles to given situation 3. Disputing irrational beliefs	CO – 3 CO – 4 CO – 4
Reference Books: 1. Dikshit, Shrinivas (1967), Tarkshashtra. Kolhapur: Maharashtra Granth Bhandar 2. Hulyalkar, S. G.; Kale S. V.; Kawale, S. R.(1959), Sugam Tarkashastra aani vaidnyanik padhatti. Pune : Anaath Vidyarthi Gruha Prakashan. 3. Hurley, P., & Watson,L.(2018), A Concise Introduction to Logic. Delhi: Wadsworth 4. Kadam, Mukund (1969), <i>SulabhTrkshastra</i> . Satara: Ravil Publication 5. Khandagale, Chandraknt (2015), Nigami Tarkshashtra. Sangali: Sau. Mayadevi Khandagale 6. Pataskar,N.(1968), Tarkshastra. Kolhapur: Maharashtra Granth Bhandar 7. Phadke, N. C.; (1959), Tarkshastra aani vaidnyanik padhatti. Pune :Deshmukh Prakashan. 8. Walen,S., DiGiuseppe,R., & Dryden, W.(1992), A Practitioner’s Guide to Rational-Emotive Therapy. New York : Oxford University Press	
Suggested Research Journal: 1. Journal of Philosophical Logic, Springer 2. Journal of Logic and Computation, Oxford Academic 3. Logic journal of IGPL, Oxford Academic 4. The Journal of Symbolic Logic, JSTOR 5. Journal of Applied Logic, Science Direct 6. History and Philosophy of Logic, Taylor & Francis Online	
Additional Reading:--	
Medium of Instruction :Marathi / English	
Library and laboratory equipment’s : --	

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सत्र ४

Logic (T) विगमन

प्रश्नपत्रिका स्वरूप

एकूण गुण – ६०

प्रश्न १	अ	रिकाम्या जागा भरा.	गुण ५
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	ब	चूक की बरोबर ते लिहा.	गुण ५
प्रश्न ३	अ	सिद्धांत कल्पनेची युक्तता / यथार्थता तपासा. (चार पैकी कोणतीही तीन)	गुण ६
		किंवा संकल्पना स्पष्ट करा. (तीन पैकी कोणतीही दोन)	
प्रश्न ४	ब	संज्ञा स्पष्ट करा. (तीन पैकी कोणतीही दोन)	गुण ४
	अ	पुढील विगमन अनुमानाचा प्रकार ओळखा. (तीन पैकी कोणतीही दोन)	गुण ६
प्रश्न ४		किंवा टीपा लिहा.	
	ब	थोडक्यात उत्तरे द्या. (तीन पैकी कोणतीही दोन)	गुण ४
प्रश्न ५		पुढील दिलेल्या प्रसंगाला अनुसरून REBT च्या ABC रचनेत घटनेची मांडणी करा. (तीन पैकी कोणतीही दोन)	गुण १०
		किंवा सविस्तर उत्तरे द्या.	गुण १०
प्रश्न ६		पुढील दिलेल्या अतार्किक विचारांच्या प्रकारांची स्पष्टीकरण लिहा. (तीन पैकी कोणतीही दोन)	गुण १०
		किंवा सविस्तर उत्तरे द्या.	गुण १०
