

**Department of Philosophy**  
**Kurukshetra University Kurukshetra**  
**Scheme of Examination and Syllabus for UG Multidisciplinary Degree Programme**  
**Subject: Philosophy**  
**As per National Education Policy (NEP)-2020**  
**w.e.f. 2023-24**

**Scheme of Examination**  
**SEC-III**

Semester	Course	Paper	Nomenclature of Paper	Contact Hours		Credits		Internal Marks	External Marks	Total	Time
				Theory teaching hours	Practical	Theory	Practical				
<b>III</b>	SEC-III	B23-SEC-318	Logical Reasoning	2	2	<b>2</b>	<b>1</b>	20	55	75	3 Hrs

<b>Session:2023-24</b>	
<b>Part A–Introduction</b>	
Subject	Philosophy
Semester	Third
Name of the Course	Logical Reasoning
Course Code	B23-SEC-318
Course Type:(CC/MCC/MDC/CC-M/DSEC/VOC/DSE/PC/AEC/VAC)	SEC
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	N.A

Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to get:</p> <p>318.1 the understanding of the nature of Proposition &amp; Arguments.</p> <p>318.2 the understanding of the validity and invalidity of Syllogism.</p> <p>318.3 the understanding of Practical Guidance for Mediate and Immediate Inference</p> <p>318.4 the understanding of Practical Guidance for Analytical Reasoning and Venn Diagrams</p>
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	Theory	Practical	Total
Credits	02	01	03
Contact Hours	02	02	04
<b>Max.Marks:75</b>		<b>Time: 3 hrs.</b>	
<b>Internal Assessment Marks:20 End Term Exam Marks:55</b>			
<b>Part B-Contents of the Course</b>			
<p><b><u>Instructions for Paper- Setter-</u></b> Out of the Four Units, Two questions are to be set from each unit (total 8 questions are to be set), equitably distributed over the entire unit. Question set for the Unit I &amp; Unit II will be of theoretical nature and questions set for Unit III &amp; Unit IV will contain at least four items of practical exercises. The examinees will have to attempt any five questions. All questions carry equal marks.</p>			
Out of Four			
	<b>Topics</b>		<b>Contact Hours</b>
I	Nature of Proposition Categorical Proposition: Quality of Proposition, Quantity of Proposition, Distribution of Terms Premises, Argument and Conclusion		7
II	Validity of Categorical Syllogism: Traditional Method Classical Square of Opposition: Immediate Inference—Conversion, Obversion and Contraposition; Types of Paradoxes		7
III	Practical Guidance for Solving Various Types of Exercises of Mediate Inference Practical Guidance for Solving Various Types of Exercises of Immediate Inference		8

IV	<p>Practical Guidance for Solving Various Types of Exercises of Force-fullness of Arguments</p> <p>Practical Guidance for Solving Various Types of Exercises of Discovering Implied Meaning of Propositions</p> <p>Practical Guidance for Solving Various Types of Exercises of Logical Venn Diagrams</p> <p>Practical Guidance for Solving Various Types of Exercises of Analytical Reasoning: Verbal</p>	8
	<p><b>Practical</b></p> <p>The examiner will set 4 questions at the time of practical examination in consideration of course learning outcomes (CLOs). The examinee will be required to solve 2 questions. The evaluation will be done on the basis of practical record, viva-voce, written examination.</p> <p><b>Problem Solving:</b> Questions related to the following problems/exercises will be the part of practical exam and record will be maintained in the Practical Note Book:</p> <ul style="list-style-type: none"> <li>❖ Various Kinds of Mediate Inference Problems</li> <li>❖ Various Kinds of Immediate Inference Problems</li> <li>❖ Exercises of Force-fullness of Arguments</li> <li>❖ Exercises of Discovering Implied Meaning of Propositions</li> <li>❖ Problems of Logical Venn Diagrams</li> <li>❖ Exercises of Analytical Verbal Reasoning</li> </ul>	30
<b>Suggested Evaluation Methods</b>		

**Internal Assessment:**➤ **Theory: 15**

- Class Participation: 4
- Seminar/presentation/assignment/quiz/ Class Test etc.: 4
- Mid-TermExam:7

➤ **Practical: 05**

- Class Participation:
- Seminar/presentation/assignment/quiz/ Class Test etc.: 5
- Mid-Term Exam:

**End Term Examination:**➤ **Theory 35** Written Examination

➤ **Practical 20** Lab record, Viva-voce, Written examination.

**Part C-Learning Resources****Recommended Books/e-resources/LMS:**

1. I. M. Copi: Introduction to Logic
2. Krishna Jain: A Text Book of Logic, D.K. Print World Ltd, New Delhi
3. R.S. Aggarwal: *A Modern Approach to Verbal & Non-Verbal Reasoning*, S. Chand & Company Ltd., RamNagar, NewDelhi.
4. Sanjay Sinha: *Test of Reasoning (Verbal & Non-Verbal)*, Jawahar Publishers, New Delhi