

SCHEME OF EXAMINATION :

- The examination shall be conducted at the end of each academic year.
- The Theory paper shall carry 100 marks.
- The evaluation of the performance of the students in theory papers shall be on the basis of Annual Examination of 100 marks.
- Question Paper will be set in the view of the / in accordance with the entire Syllabus and preferably covering each unit of syllabi.

STANDARD OF PASSING :

As Prescribed under rules & regulation for each degree / programme.

NATURE OF QUESTION PAPER AND SCHEME OF MARKING :**SECTION – I**

	<u>20 Marks</u>
Que. 1 A) Fill in the blanks (multiple choice)	10 Marks
B) Answer in one sentence	10 Marks

SECTION – II

	<u>80 Marks</u>
Que. 2 Short notes (any Four out of Six)	20 Marks
Que. 3 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	
Que. 4 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	
Que. 5 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	

UNITWISE WEIGHTAGE OF MARKS :

UNIT	Weightage of Marks
Unit 1 : Research Process and Sampling	27
Unit 2 : Types of Investigations	27
Unit 3 : Experimental Designs	27
Unit 4 : Research Proposal and Research Report	27
Unit 5 : Probability	27
Unit 6 : Correlation and Statistical Inference	27
Unit 7 : Analysis of Variance	27
Unit 8 : Non-parametric or Distribution Free Statistics	27

Note : Maximum one essay type question of 20 marks, one short note of 5 marks and two objective questions of 1 mark each can be asked on each unit.

EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS

Sr. No.	Title of Old Paper	Title of New Paper
1.	Research Methodology and Statistics	Research Methodology and Statistics

REVISED SYLLABUS FOR M.A. (Part I)

(Implemented from June 2010 onwards)

- (i) Paper No. : I
- (ii) Title of Paper : RESEARCH METHODOLOGY AND STATISTICS
- (iii) Specific Objectives : To acquaint the students with -
- 1) The nature of research process, types of sampling and psychological investigations.
 - 2) How to use research designs and to prepare research proposal and to write research report.
 - 3) Principles of probability, some parametric and non-parametric statistics.

iv) UNIT & No. of Lectures :

UNIT	No. of Lecturers
Unit 1 : Research Process and Sampling	07
Unit 2 : Types of Investigations	07
Unit 3 : Experimental Designs	09
Unit 4 : Research Proposal and Research Report	07
Unit 5 : Probability	08
Unit 6 : Correlation and Statistical Inference	07
Unit 7 : Analysis of Variance	07
Unit 8 : Non-parametric or Distribution Free Statistics	08

Note – 1 lecture of 60 minutes

(v) Recommended Reading :

a) Basic Reading :

- 1) Best, John, W. & Khan, James V. (1986) : "Research in Education", Prentice Hall of India Pvt. Ltd., New Delhi.
- 2) Guilford, J. P. and Fruchter, B. (1973) : "Fundamental Statistics in Psychology and Education", McGraw Hill.
- 3) Kerlinger, F. N. (1964) : "Foundations of Behavioural Research", Holt Rinehart and Winston, Inc., U.S.A., Second Indian Reprint, 1983.
- 4) Robinson, P. W. (1976) : "Fundamentals of Experimental Psychology", Prentice Hall.

b) References :

- 1) Broota K. D. (1992) : "Experimental Design in Behavioural Research, 2nd Ed., New Delhi, Wiley Eastern Ltd.
- 2) Edwards, A. L. (1985) : "Experimental Designs in Psychological Research", New York, Harper and Row.
- 3) Ferguson, G. A. (1976) : "Statistical Analysis in Psychology and Education", McGraw Hill.
- 4) McBerry, Donald (2001) : "Research Methods", Thomson Asia Pte. Ltd., Singapore, Second Reprint (2002).
- 5) Minium, E. W. (1978) : "Statistical Reasoning in Psychology and Education", Wiley.
- 6) बोरुडे, रा. र. (२००५) : "संशोधन पद्धतीशास्त्र", पुणे विद्यार्थी गृह प्रकाशन, पुणे.
- 7) देसाई, अभ्यंकर (२००८) : "प्रायोगिक मानसशास्त्र व संशोधन पद्धती", नरेंद्र प्रकाशन, पुणे.
- 8) देसाई, अभ्यंकर (२००८) : "संशोधन पद्धती व मानसशास्त्रीय मापन", नरेंद्र प्रकाशन, पुणे.

SHIVAJI UNIVERSITY, KOLHAPUR

SYLLABUS

(Implemented from June 2010)

M. A. PART - I

PSYCHOLOGY, Group - F, Paper – I

RESEARCH METHODOLOGY AND STATISTICS

Unit : 1 Research Process and Sampling

- 1.1 Problems and Hypotheses - Null, Alternative and directional
- 1.2 Operational definition and types of variables
- 1.3 Types of probability sampling methods
- 1.4 Types of non-probability sampling methods

Unit : 2 Types of Investigations

- 2.1 Controlled laboratory experiments
- 2.2 Field experiment
- 2.3 Ex-post facto field studies
- 2.4 Ex-post facto laboratory studies

Unit : 3) Experimental Designs

- 3.1 Controlling secondary variance
- 3.2 Single group designs (Pre-test, post test design)
- 3.3 Two group designs (Randomized two group design, matched two group design, pre-test-post-test control group design, two group design covariance etc.)
- 3.4 Multi-group design with single independent variables (Randomized groups design, block design, multi-groups design with covariate)
- 3.5 Factorial designs (Sample factorial design, block factorial design, factorial design with covariate)
- 3.6 Introductory concepts on quasi-experimental designs.

Unit : 4 Research Proposal and Research Report

- 4.1 Definition and parts of research proposal
- 4.2 Research report
 - a) Format of the research report
 - b) Style of writing
 - c) Typing the report
 - d) Reference form

Unit : 5 Probability

- 5.1 Elementary principles of probability
- 5.2 Normal distribution / probability curve
- 5.3 Areas under normal distribution curve
- 5.4 Applications of N.D.C.

Unit : 6 Correlation and Statistical Inference

- 6.1 Meaning of correlation
- 6.2 Product - Moment correlation and bi-serial correlation
- 6.3 Testing difference between means: Independent sample t and paired sample t
- 6.4 Testing difference between two correlations

Unit : 7 Analysis of Variance

- 7.1 Assumptions
- 7.2 One way ANOVA
- 7.3 Two way ANOVA

Unit : 8 Non-parametric or Distribution Free Statistics

- 8.1 Chi square : Simple and contingency table more than two variables,
- 8.2 Other non-parametric test : Median test, sign test, Kruskla-Wallis test, Mann-Whitney U test.

Note : Question papers as per pre-revised syllabi will be set at the examinations to be held in October 2010 and April 2011 for the benefit of repeater students.

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SCHEME OF EXAMINATION :

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- The Theory paper shall carry 100 marks.
- The evaluation of the performance of the students in theory papers shall be on the basis of Annual Examination of 100 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

STANDARD OF PASSING :

As Prescribed under rules & regulation for each degree / programme.

NATURE OF QUESTION PAPER AND SCHEME OF MARKING :**SECTION – I**

	<u>20 Marks</u>
Que. 1 A) Fill in the blanks (multiple choice)	10 Marks
B) Answer in one sentence	10 Marks

SECTION – II

	<u>80 Marks</u>
Que. 2 Short notes (any Four out of Six)	20 Marks
Que. 3 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	
Que. 4 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	
Que. 5 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	

UNITWISE WEIGHTAGE OF MARKS :

UNIT	Weightage of Marks
Unit 1 : Introduction to Cognitive Psychology	27
Unit 2 : Cognitive Neuroscience	27
Unit 3 : Attention and Perception	27
Unit 4 : Pattern Recognition	27
Unit 5 : Memory	27
Unit 6 : Language and Cognitive Development	27
Unit 7 : Thinking – I	27
Unit 8 : Thinking – II	27

Note : Maximum one essay type question of 20 marks, one short note of 5 marks and two objective questions of 1 mark each can be asked on each unit.

EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS

Sr. No.	Title of Old Paper	Title of New Paper
1.	Cognitive Psychology	Cognitive Psychology

REVISED SYLLABUS FOR M.A. (Part I)

(Implemented from June 2010 onwards)

- (i) Paper No. : II
- (ii) Title of Paper : COGNITIVE PSYCHOLOGY
- (iii) Specific Objectives : To make the students familiar with -
- 1) The field of cognition in general.
 - 2) To nature of cognitive neuroscience.
 - 3) The process of attention, perception, pattern recognition, memory, language and thinking.

iv) UNIT & No. of Lectures :

UNIT	No. of Lecturers
Unit 1 : Introduction to Cognitive Psychology	07
Unit 2 : Cognitive Neuroscience	07
Unit 3 : Attention and Perception	08
Unit 4 : Pattern Recognition	08
Unit 5 : Memory	08
Unit 6 : Language and Cognitive Development	08
Unit 7 : Thinking – I	07
Unit 8 : Thinking – II	07

(v) Recommended Reading :

a) Basic Reading :

- 1) Solso, R. L. (1998) : "Cognitive Psychology", 5th Ed. Allyn and Bacon Pub. Hapcourt Brace and Jovanovich.
- 2) Solso, R. L. (2001) : "Cognitive Psychology", 6th Ed., Allyn & Bacon, Pearson Education (Singapore) Pte. Ltd. Indian Branch, Delhi (Second Indian Reprint, 2005).

b) References :

- 1) Andrade, Jackie and May, Jon (2004) : "Cognitive Psychology", Bios Scientific Publishers, New York (First Indian Reprint, 2007).
- 2) Best, John (1999) : "Cognition Psychology", West Pub. Co., New York.
- 3) Galloti, K. M. (1999) : "Cognitive Psychology In and Out of the Laboratory", 2nd Ed, Wadsworth, Thomson Learning. (3rd Reprint, 2004).
- 4) Reisberg, Daniel (2001) : "Cognition-Exploring the Science of Mind", 2nd Ed., W. W. Norton & Co., New York, London.
- 5) Solso, R. L., MacLin, M. K. and MacLin, O. H. (2005) : "Cognitive Psychology", 7th Ed., Pearson Pub.
- 6) Sternberg (1999) : "Cognition" McClean & Company.
- 7) बोरुडे, रा. र. (२००२) : "बोधनिक मानसशास्त्र", छाया पब्लिशिंग, हाऊस, औरंगाबाद.

SHIVAJI UNIVERSITY, KOLHAPUR

SYLLABUS

(Implemented from June 2010)

M. A. PART - I

PSYCHOLOGY, Group - F, Paper – II

COGNITIVE PSYCHOLOGY

Unit :1 Introduction to Cognitive Psychology

- 1.1 What is cognitive psychology?
- 1.2 Information – Processing model
- 1.3 The domain of cognitive psychology
- 1.4 A brief history of cognitive psychology
- 1.5 Conceptual science and cognitive psychology
 - a) Cognitive models
 - b) Computer metaphor and human cognition
 - c) Neuroscience and cognitive science
 - d) Parallel Distributed Processing and cognitive psychology

Unit : 2 Cognitive Neuroscience

- 2.1 Exploring the brain
- 2.2 Mind - body issues
- 2.3 Cognitive neuroscience
- 2.4 The nervous system
- 2.5 Neurophysiological sensing techniques

Unit : 3 Attention and Perception

- 3.1 Definition of attention
 - a) Auditory signals
 - b) Visual signals
- 3.2 Processing capacity and selective attention
- 3.3 Models of selective attention
- 3.4 Perception – computational brain
- 3.5 Sensation and perception
- 3.6 Perceptual span
- 3.7 Iconic storage
- 3.8 Echoic storage

Unit : 4 Pattern Recognition

- 4.1 Visual pattern recognition
- 4.2 Gestalt theory
- 4.3 Bottom up v/s top down processing
- 4.4 Template matching
- 4.5 Feature analysis
- 4.6 Prototype matching

Unit : 5 Memory

- 5.1 Short - term memory
- 5.2 Long - term memory
- 5.3 Models of memory
- 5.4 Mnemonic system

Unit : 6 Language and Cognitive Development

- 6.1 Linguistics
- 6.2 Chomsky's theory of grammar
- 6.3 Psycholinguistic aspects of language
- 6.4 Life - span development
- 6.5 Neurocognitive development
- 6.6 Cognitive development

Unit : 7 Thinking - I

- 7.1 Definition of thinking
- 7.2 Concept formation
- 7.3 Logic
- 7.4 Decision Making

Unit : 8 Thinking - II

- 8.1 Problem solving
- 8.2 Creativity
- 8.3 Human intelligence

Note : Question papers as per pre-revised syllabi will be set at the examinations to be held in October 2010 and April 2011 for the benefit of repeater students.

SCHEME OF EXAMINATION :

- The examination shall be conducted at the end of each academic year.
- The Theory paper shall carry 100 marks.
- The evaluation of the performance of the students in theory papers shall be on the basis of Annual Examination of 100 marks.
- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

STANDARD OF PASSING :

As Prescribed under rules & regulation for each degree / programme.

NATURE OF QUESTION PAPER AND SCHEME OF MARKING :

SECTION – I	
	<u>20 Marks</u>
Que. 1 A) Fill in the blanks (multiple choice)	10 Marks
B) Answer in one sentence	10 Marks
SECTION – II	
	<u>80 Marks</u>
Que. 2 Short notes (any Four out of Six)	20 Marks
Que. 3 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	
Que. 4 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	
Que. 5 A) Essay Type Question	20 Marks
OR	
B) Essay Type Question	

UNITWISE WEIGHTAGE OF MARKS :

UNIT	Weightage of Marks
Unit 1 : Introduction to Personality Psychology	27
Unit 2 : The Biological Domain, Genetics and Personality	27
Unit 3 : Evolutionary Perspectives on Personality	27
Unit 4 : Psychoanalytic Approaches and Contemporary Issues	27
Unit 5 : Motives and the Dynamics of Personality	27
Unit 6 : Traits and Trait Taxonomies	27
Unit 7 : Personality Dispositions	27
Unit 8 : Interpersonal Aspects of Personality	27

Note : Maximum one essay type question of 20 marks, one short note of 5 marks and two objective questions of 1 mark each can be asked on each unit.

EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS

Sr. No.	Title of Old Paper	Title of New Paper
1.	Personality : Issues, Approaches and Theories	Personality Psychology

REVISED SYLLABUS FOR M.A. (Part I)

(Implemented from June 2010 onwards)

- (i) **Paper No.** : III
- (ii) **Title of Paper** : PERSONALITY PSYCHOLOGY
- (iii) **Specific Objectives** : To make the students understand
- 1) The field of personality psychology in general.
 - 2) The biological domain, evolutionary perspectives, psychoanalytic approaches and dynamics of personality.
 - 3) The traits and trait taxonomis, personality dispositions and interpersonal aspects of personality.

iv) UNIT & No. of Lectures :

UNIT	No. of Lecturers
Unit 1 : Introduction to Personality Psychology	08
Unit 2 : The Biological Domain, Genetics and Personality	07
Unit 3 : Evolutionary Perspectives on Personality	07
Unit 4 : Psychoanalytic Approaches and Contemporary Issues	08
Unit 5 : Motives and the Dynamics of Personality	08
Unit 6 : Traits and Trait Taxonomies	08
Unit 7 : Personality Dispositions	07
Unit 8 : Interpersonal Aspects of Personality	07

(v) Recommended Reading :

a) Basic Reading :

- 1) Larsen, Randy J. and Buss, Devid M. (2002) : "Personality Psychology", McGraw Hill Publications.

b) References :

- 1) Carver, C. S. and Scheier, M. F. (1996) : "Perspectives on Personality", 3rd Ed. Allyn and Bacon.
- 2) Schultz, Duane P. and Schultz, Sydney Ellen (2005) : "Theories of Personality", 8th Ed., Thomson and Wadsworth (First Indian Reprint, 2007).

SHIVAJI UNIVERSITY, KOLHAPUR

SYLLABUS

(Implemented from June 2010)

M. A. PART - I

PSYCHOLOGY, Group - F, Paper – III

PERSONALITY PSYCHOLOGY

Unit : 1 Introduction to Personality Psychology

- 1.1 Definition
- 1.2 Levels of personality analysis
- 1.3 A fissure in the field
- 1.4 Sources of personality data

Unit : 2 The Biological Domain, Genetics and Personality

- 2.1 Physiological measures used in personality
- 2.2 Physiologically based dimensions of personality
- 2.3 Major finding from behavioural genetic
- 2.4 Genes and the environment

Unit : 3 Evolutionary Perspectives on Personality

- 3.1 Evolution and natural selection
- 3.2 Human nature
- 3.3 Sex difference
- 3.4 Individual difference

Unit : 4 Psychoanalytic Approaches and Contemporary Issues

- 4.1 Fundamental assumptions of psychoanalytic theory
- 4.2 Structure of personality
- 4.3 Anxiety and the mechanisms of defence
- 4.4 The neo-analytic movement
- 4.5 Object relations theory

Unit : 5 Motives and the Dynamics of Personality

- 5.1 Basic concept : Need, Press
- 5.2 The big motives – Achievement, Power, Intimacy
- 5.3 Maslow's contributions
- 5.4 Roger's contributions

Unit : 6 Traits and Trait Taxonomies

- 6.1 What is a trait?
- 6.2 Identification of the important traits
- 6.3 Taxonomies of personality

Unit : 7 Personality Dispositions

- 7.1 Levels of analysis
- 7.2 Personality stability - overtime
- 7.3 Personality change
- 7.4 Personality coherence

Unit : 8 Interpersonal Aspects of Personality

- 8.1 Selection
- 8.2 Evocation
- 8.3 Manipulation – social influence tactics

Note : Question papers as per pre-revised syllabi will be set at the examinations to be held in October 2010 and April 2011 for the benefit of repeater students.

SCHEME OF PRACTICAL EXAMINATION :

- The practical examination shall be conducted at the end of each academic year.
- The practical shall carry 100 marks.
- Annual practical examination should consist of Two Practicals (Practical – I, & Practical – II) of three hours duration each. Each practical examination will be of 50 marks. Practical examination incorporates experiments, tests, and project work.
- The evaluation of the performance of the students in practical shall be on the basis of Annual Examination of 100 marks.
- Experiments from Section – I should be set for Practical – I. Tests from Section – II should be set for Practical – II.
- In the annual practical examination, the candidate has to conduct one experiment allotted to him/her for Practical–I. He/She have to administer one test allotted to him / her for Practical – II.
- The candidate has to bring his / her own subject / testee for practical examination.

STANDARD OF PASSING:

As Prescribed under rules & regulation for each degree / programme.

NATURE OF QUESTION PAPER

- Q.1 The candidate will be asked to conduct one experiment for practical– I and administer one psychological test for practical - II allotted to him / her and to write it's full report.

SCHEME OF MARKING

Practical – I

1.	Journal	:	10 Marks
2.	Conduct	:	10 Marks
3.	Report Writing	:	15 Marks
4.	Oral (Experiment)	:	05 Marks
5.	Project Report	:	10 Marks

TOTAL	:	50 Marks
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Practical – II

1.	Journal	:	10 Marks
2.	Conduct	:	10 Marks
3.	Report Writing	:	15 Marks
4.	Oral (Test)	:	05 Marks
5.	Project Work (Viva)	:	10 Marks

TOTAL	:	50 Marks
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Grand Total of Practical I & II : 100 Marks

NOTE :

1. There shall be Two Practicals of 4 Periods each per week per batch consisting of 10 students.
2. Eight experiments should be conducted from the list given in Section – I. Eight tests should be administered from the list given in Section – II. Thus sixteen practicals should be performed in academic year.
3. The student has to submit a journal and project work report duly signed by the course teacher and the head of the department before annual practical examination.

EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS- (FOR REVISED SYLLABUS)

Sr. No.	Title of Old Paper	Title of New Paper
1.	Practical : Experiments and Psychological Tests	Practicals

REVISED SYLLABUS FOR M. A. (Part I)
(Implemented from June 2010 onwards)

- (i) **Paper No.** : IV
- (ii) **Title of Paper** : PRACTICALS
- (iii) **Specific Objectives** : 1) To make the students familiar with psychological experiments and tests.
2) To impart the knowledge and skills for conducting experiments and administering psychological tests and writing their reports.
3) To train the students in carrying out project work and writing it's report.
- (iv) **Recommended Reading :**
- a) Basic Reading :**
1. Anastasi, Anne and Urbina, Susana, (1997) : "Psychological Testing", Seventh Edition, Prentice-Hall of India Pvt. Ltd., New Delhi (2003).
 2. Andrade, Jackie and May, Jon (2004) : "Cognitive Psychology", Bios Scientific Publishers, New York (First Indian Reprint, 2007).
 3. Kothurkar, and Vanarase (1986) : "Experimental Psychology : A Systematic Introduction", Wiley Eastern Ltd.
 4. Larsen, Randy J. and Buss, Devia M. (2002) : "Personality Psychology", McGraw Hill Publishing.
 5. Postman, L. and Egan J. P. (1949) : "Experimental Psychology" : An Introduction, Kalyani Publishers, New Delhi.
 6. Solso, R. L. (1998) : "Cognitive Psychology", 5th Ed. Allyn and Bacon Pub. Hapercourt Brace and Jovanovich.
 7. Solso, R. L. (2001) : "Cognitive Psychology", 6th Ed. Allyn and Bacon, Pearson Education (Singapore) Pte. Ltd., Indian Branch, Delhi (Second Indian Reprint, 2005).
- b) References :**
१. बोरुडे, रा. र. (२००२) : "बोधनिक मानसशास्त्र", छाया पब्लिशिंग हाऊस, औरंगाबाद.
 २. दामले, कुसुम (१९८१) : "प्रायोगिक मानसशास्त्र", महाराष्ट्र विद्यापीठ ग्रंथ निर्मिती मंडळासाठी साहित्य प्रसार केंद्र, नागपूर.
 ३. देसाई, भरत व अभ्यंकर, शोभना (२००१) : "प्रायोगिक मानसशास्त्र आणि संशोधन पद्धती", नरेंद्र प्रकाशन, पुणे.
 ४. देसाई, भरत व अभ्यंकर, शोभना (२००७) : "मानसशास्त्रीय मापन", नरेंद्र प्रकाशन, पुणे.
 ५. देशपांडे, सु. वा. (१९८०) : "मानसशास्त्रीय प्रयोग", कॉन्टिनेन्टल प्रकाशन, पुणे.
 ६. नरके, हिम्मत व बर्वे, बापूराव (१९९९) : "मनोमापन व संख्याशास्त्र", प्रेरणा एजन्सीज, औरंगाबाद.
 ७. पोतदार, रमेश (२००६) : "मानसशास्त्रीय प्रयोग", अंकूर पब्लिकेशन, नागपूर.
 ८. वनारसे, सुधीर, गोगटे, श्रीधर आणि वनारसे, श्यामला (१९७६) : "प्रायोगिक मानसशास्त्र", व्हीनस प्रकाशन, पुणे.

SHIVAJI UNIVERSITY, KOLHAPUR
REVISED SYLLABUS OF M. A. PART – I (PSYCHOLOGY)

(Implemented from June 2010)

PRACTICALS - Paper IV

SECTION – I

• **Experiments**

1. Concept Formation
2. Zeigarnik Effect
3. Recall and Recognition
4. Retroactive Inhibition
5. Problem Solving
6. Short Term Memory
7. Signal Detection
8. Isolation Effect
9. Division of Attention
10. Verbal Conditioning
11. Emotional Expression
12. Illusion

SECTION – II

• **Psychological Tests**

1. Aptitude Test
2. 16 PF
3. WAIS - Indian Adaptation
4. Raven's Progressive Matrices
5. Test of Creativity
6. Social Maturity Scale
7. Stress Scale
8. Adjustment Inventory
9. Aspiration Scale
10. Emotional Intelligence Scale
11. Achievement Motivation Scale
12. EPQ - R

Project Work

Candidate has to carryout project work based on empirical data on specified problem / topic after consulting the teacher/s and submits its report.
