

**Scheme of Examination****M.Sc. (Psychology) Programme**

Credit requirement for completion of the programme: 125

Programme Core-85

Programme Elective-40

Semester-1

Semester-II

Semester- III

Semester-IV

**Schedule of the Course****Semester I**

Sr.No.	Code No.	Nomenclature	L*	P**	Credit	External	Internal
1.	MAP-501	Fundamentals of Psychology-I	5	0	5	70	30
2.	MAP-502	Theories and Systems of Psychology-I	5	0	5	70	30
3.	MAP-503	Research Methods	5	0	5	70	30
4.	MAP-504	Statistics in Psychology	5	0	5	70	30
5.	MAP-505	Social Psychology	5	0	5	70	30
6.	MAP-506	Psychology Practical - I	0	12	6	70	30

**SEMESTER-II**

Sr.No.	Code No.	Nomenclature	L*	P	Credit	External	Internal
1.	MAP-507	Fundamentals of Psychology-II	5	0	5	70	30
2.	MAP-508	Theories and Systems of Psychology-II	5	0	5	70	30
3.	MAP-509	Research Methods and Statistics	5	0	5	70	30
4.	MAP-510	Personality	5	0	5	70	30
5.	MAP-511	Cognitive Psychology	5	0	5	70	30
6.	MAP-512	Psychology Practical - II	0	12	6	70	30
7.	MAP-513	Community Survey	0	2	1	70	30

\* = Lecture  
\* = Practical

**SEMESTER-III**

Sr.No.	Code No.	Nomenclature	L	P	Credit	External	Internal
1.	MAP-514	Psychological Testing and Psychodiagnostics-I (Compulsory Paper)	5	0	5	70	30
2.	MAP-515	Psychology Practical (Compulsory Paper)	0	12	6	70	30
	Any four options						
3.	MAP-	Programme-I Elective	5	0	5	70	30
4.	MAP-	Programme-II Elective	5	0	5	70	30
5.	MAP-	Programme-III Elective	5	0	5	70	30
6.	MAP-	Programme-IV Elective	5	0	5	70	30

**SEMESTER-III**

Code No.	Nomenclature of the optional papers
MAP-516	Clinical Psychology -I
MAP-517	Industrial /Organisational Psychology-I
MAP-518	Guidance & Counselling.-I
MAP-519	Psychology of Criminal Behaviour-I
MAP-520	Child Psychology-I
MAP-521	Neuro-Psychology-I
MAP-522	Health Psychology-I
MAP-523	Human Resource Management-I
MAP-524	Consumer Psychology-I
MAP-525	Psychology of Spirituality and Religion-I
MAP-526	Positive Psychology-I
MAP-527	Sports Psychology-I
MAP-528	Environmental Psychology-I

**SEMESTER-IV**

Sr.No.	Code No.	Nomenclature	L	P	Credit	External	Internal
1.	MAP-529	Psychological Testing and Psycho diagnostics-II (Compulsory Paper)	5	0	5	70	30
2.	MAP-530	Internship	PC		NC	70	30
3	MAP-531	Psychology Practical (Compulsory Paper)	0	12	6	70	30
	Any four options	The same opted in Semester-III					
4.	MAP-	Programme-I Elective	5	0	5	70	30
5.	MAP-	Programme-II Elective	5	0	5	70	30
6.	MAP-	Programme-III Elective	5	0	5	70	30
7.	MAP-	Programme-IV Elective	5	0	5	70	30

**SEMESTER-IV**

Code No.	Nomenclature of the optional papers
MAP-532	Clinical Psychology -II
MAP-533	Industrial /Organisational Psychology-II
MAP-534	Guidance & Counselling -II
MAP-535	Psychology of Criminal Behaviour-II
MAP-536	Child Psychology-II
MAP-537	Neuro-Psychology-II
MAP-538	Health Psychology-II
MAP-539	Human Resource Management-II
MAP-540	Consumer Psychology-II
MAP-541	Psychology of Spirituality and Religion-II
MAP-542	Positive Psychology-II
MAP-543	Sports Psychology-II
MAP-544	Environmental Psychology-II

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Semester-1  
(Code: MAP-501)  
**Fundamentals of Psychology-I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Biological basis of Behaviour: Evolutionary and genetic foundations. Structure and types of neurons. Neural impulse: Origin, Conduction, and Measurement. Neurotransmitters and their behavioural implications.

**Unit - II** Nervous System: Central nervous system and Peripheral nervous system – Brain and human behaviour. Endocrine system and its behavioural implications.

**Unit - III** Perception: Nature, Approaches, Determinants of perception. Perception of Form and Shape: Contour and Contrast, Figure-Ground differentiation. Perception of space, Movement, and Time. Role of motivation and learning in perception.

**Unit - IV** Sleep, dream & Consciousness. Subliminal perception. Extrasensory Perception.

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**References**

D'Amato, M.R. (1970). *Experimental Psychology*. New Delhi: Tata McGraw-Hill.

D'Amato, M.R. (2009). *Experimental psychology: Methodology, psychophysics, and learning*. N.D.: Tata McGraw-Hill.

Garrett, B. (2009). *Brain and behavior: An introduction to biological psychology*. Sage Publications, Inc.

Gazzaniga, M. S. (2013). *Fundamentals of psychology: An introduction*. Academic Press.

Goldstein, Bruce E. (2004). *Blackwell handbook of sensation and perception*. USA: Blackwell Publishing.

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Kalat, J. W. (2015). *Biological psychology*. Cengage Learning.

Kellogg, R.T. (2012). *Fundamentals of Cognitive Psychology*. Lab Angles: Sage.

Morgan, C.T, King, R.A., Weisz, J.R., and Schopler, J. (2004). *Introduction to psychology, 7th edition, 24th reprint*. New Delhi: TataMcGraw-Hill.

Rajamanickam, M. (2005). *Experimental Psychology: with Advanced Experiments*, Volume 1 & 2. New Delhi: Concept Publishing Company.

Schiffman, H.R. (1982). *Sensation and Perception: An Integrated Approach*. New York: John Wiley & Sons.

Yantis, S., & Abrams, R. A. (2014). *Sensation and perception*. New York (NY): Worth Publishers

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**Note for Examiner**

There will be 9 questions in the whole paper. The question no. 1 will be compulsory (comprising 7 questions from the whole syllabus). Rest of the questions will be set from four units by selecting 2 questions from each unit. Student have to select 4 questions out of these 8 questions by selecting at least one from each unit.

I  
Semester-1  
(Code: MAP-502)  
**Theories and Systems of Psychology -I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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<b>Unit-I</b>	Nature, origin, and scope of psychology. Various fields of psychology. Ethical issues in psychology.
<b>Unit - II</b>	Schools of psychology: Structuralism, Functionalism, Behaviourism, Psycho analysis, Gestalt psychology. Cognitive revolution.
<b>Unit - III</b>	Theories of emotions: James-Lange, Cannon-Bard, Schachter Singer, Ekman. Physiological correlates of emotions, Emotion Regulation, Emotional Intelligence.
<b>Unit - IV</b>	Motivation: Nature, Theories: Psychoanalytic, ethological, cognitive, humanistic, and attribution.

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**References**

Carlson, N.R. & Buskit, W. (1997). *Psychology: The Science of Behaviour*. Allyn and Bacon.  
Chaplin, J.P., & Krawiec, T.S. (1979). *Systems and Theories of Psychology*. Rinehart Winston.  
Corsini, R. (1994). *Encyclopedia of Psychology*. New York: Wiley Interscience.  
Hothsall D. (1995). *History of psychology*. McGraw Hill International.  
Hergenhahn, B. R., & Henley, T. (2013). *An introduction to the history of psychology*. Cengage Learning  
Lewis, M., Haviland-Jones, J. M., & Barrett, L. F. (Eds.). (2010). *Handbook of emotions*. Guilford Press  
Marks, M.H. & William, A. Cronan – Hillix (1988). *Systems and Theories in psychology*: McGraw Hill International Editions, Psychology Series.  
Marx, M.H. & Hillix, W.A. (1978). *Systems and Theories in Psychology*. Tata McGraw-Hill.  
O’Boyle, C. (2020). *History of psychology: A cultural perspective*. Routledge  
Shah, J. Y., & Gardner, W. L. (Eds.). (2008). *Handbook of motivation science*. Guilford Press  
Valsiner, J. (2017). *A guided science: History of psychology in the mirror of its making*. Routledge  
Wolman, B. B. (2012). *Contemporary theories and systems in psychology*. Springer Science & Business Media.  
Woodworth, R.S., & Sheehan, M. (1963). *Contemporary Schools of Psychology*. Methuen.

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Semester-4  
(Code: MAP-503)  
Research Methods

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Research: Meaning, Purpose, and Dimensions. Research problems and Hypothesis. Variables- Nature, and Types, Controlling techniques of extraneous variables
<b>Unit - II</b>	Scales of measurement: Nominal, Interval, Ratio, and Ordinal Sampling. Meaning and need for sampling. Methods of probability and non-probability sampling.
<b>Unit - III</b>	Methods of data collection: Observation, Interview, Survey and Questionnaire
<b>Unit - IV</b>	Paradigms of research: Quantitative (Experimental and Quasi-Experimental). Qualitative (Field studies, Cross-Cultural Studies, Phenomenology. Grounded theory, Focus groups, Narratives, Case studies, Ethnography) and Mixed research

**References**

Broota. K.D. (1989). *Experimental Design in Behavioural Research*. Wiley Eastern.  
Christensen, L. B.; Johnson, R. B. & Turner, L. A (2014). *Research Methods, Design and Analysis*. Pearson.  
Coolican. H. (2017). *Research methods and statistics in psychology*. Psychology Press.  
Guilford. J.P. (1981). *Fundamental Statistics in Psychology and Education* (6th Ed.). McGraw Hill.  
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Kothari, C.R. (reprint 2009). *Research methodology: Methods and techniques*. Wiley Eastern Ltd.  
McGuigan. F.J. (1997). *Experimental Psychology: Methods of Research*. Pearson  
Nunnally. J. (1978). *Psychometrics Theory* (2nd Ed.). McGraw-Hill.  
Shaghnassy. J. J. & Zechmeister, E.B. (1997). *Research Methods in Psychology*. Mc Graw Hill  
Singh A.K. (2006). *Tests, Measurement and Research Methods in Behavioural Sciences* (5th Ed.). Bharati Bhawan.  
Singh R., Shyam. R. & Gupta. L. (2015). *Fundamental Statistics for Social Sciences*. Intellectual Foundation.  
Zachmeister, J. E., Zachmeister, E.B., & Shaughnessy, J. J. (2009). *Essentials of research methods in psychology*. N.D.: Tata McGraw-Hill.

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I  
**Semester-I**  
**(Code: MAP-504)**  
**Statistics in Psychology**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** NPC: Characteristics and Applications.

Correlation: Meaning and Methods: Rank order, product-moment, bi-serial, point bi-serial,

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**Unit - II** Advance Correlation Methods: Partial Correlation, Multiple correlations

Regression: Simple Regression and Multiple Regression

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**Unit - III** Parametric Statistics and Non-Parametric Statistics: Nature, Assumptions, Difference ( t-Test, Z-Test, Chi-square, sign test, Wilcoxon Signed Rank test, Mann Whitney U Test)

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**Unit - IV** Factor Analysis: General Concepts, Basic Assumptions, Rotation and Interpretation

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**References**

Broota, K.D. (1989). *Experimental Design in Behavioural Research*. Wiley Eastern.  
Christensen, L. B. Johnson, R. B. & Turner, L. A. (2014). *Research Methods, Design and Analysis*. Pearson  
Coolican, H. (2017). *Research methods and statistics in psychology*. Psychology Press.  
Edwards, A.L. (1985). *Experimental designs in psychological research*. Harper & Row. New York.  
Guilford, J.P. (1981). *Fundamental Statistics in Psychology and Education* (6th Ed.). New Delhi: McGraw Hill.  
Kerlinger, N. (1996). *Foundations of behavioural research*. Prentice-Hall.  
Kothari, C.R. (reprint 2009). *Research methodology: Methods and techniques*. Wiley Eastern Ltd.  
McBurney, D.H. and White, T.L. (2007). *Research methods*. US: Cengage  
McGuigan, F.J. (1997). *Experimental Psychology: Methods of Research*. Pearson  
Nunnally, J. (1978). *Psychometrics Theory* (2nd Ed.). McGraw-Hill.  
Shaghnessy, J.J. & Zechmeister, E.B. (1997). *Research Methods in Psychology*. Mc Graw Hill  
Singh, A.K. (2006). *Tests, Measurement and Research Methods in Behavioural Sciences* (5th Ed.). Bharati Bhavan.  
Singh, R., Shyam R & Gupta, L. (2015). *Fundamental Statistics for Social Sciences*. Intellectual Foundation.  
Zachmeister, J.E., Zachmeister, E.B., & Shaughnessy, J.J. (2009). *Essentials of research methods in psychology*. Tata McGraw-Hill.

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Semester-I  
(Code: MAP-505)  
**Social Psychology**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

**Unit-I** Social Psychology: Nature. Socialization: Nature, Approaches, Agencies.

Self: Self Concept, Self Esteem, and Self Efficacy

**Unit - II** Social Cognition – Nature and Approaches

Prejudice and Discrimination: Components of Group Antagonism, Origins of Prejudice and Remedies. Attribution – Nature, and Theories

**Unit - III** Attitudes: Nature, Strategies, and theories of attitude change.

Leadership: Theories (trait theories, contingency theories, path-goal, exchange theories).

**Unit - IV** Prosocial Behaviour and Altruism: Nature, patterns of prosocial behaviour and normative expectations.

Aggression & Violence: Nature, Factors, theories. Reducing Aggression and Violence.

**References**

Aronson, E., Wilson, T. D., Fehr, B., & Akert, R. M. (2016). Social Psychology. 6<sup>th</sup> ed. Pearson.  
Baron, R. A., & Branscombe, N. R. (2017). Social psychology (14<sup>th</sup> ed.). Pearson  
Fiske, S. T., Gilbert, D. T., & Lindzey, G. (2010). *Handbook of Social Psychology, Volume 1 & 2*. John Wiley & Sons.  
Lippa, R.A. (1990) *Introduction to Social Psychology*, Wadsworth.  
McDougall, W. (2015). *An introduction to social psychology*. Psychology Press  
Myer, D.G. (2012). *Social psychology* (11<sup>th</sup> ed.). McGraw Hill.  
Taylor, S.E., Peplau, L.A., & Sears, D.O. (2006). *Social psychology* (12<sup>th</sup> ed.). Pearson Education.

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Semester-1  
(Code: MAP-506)  
Psychology Practical

Time: 3 Hours  
External Marks: 70

Credits: 6  
Internal Marks: 30

List of Practicals

- 1 Personality.
- 2 Intelligence.
- 3 Perception of form/colour/shape.
- 4 Memory
- 5 Attention
- 6 Sociometry
- 7 Emotions
- 8 Motivation
- 9 Altruism
- 10 Aggression
- 11 Leadership
- 12 Attitude
- 13 Self Concept
- 14 Interest
- 15 Attribution

Any ten experiments/tests are to be conducted out of the list of fifteen mentioned above in the syllabus.

The students will have to perform one experiment/test in the examination which would be assigned on a lottery basis. It would be mandatory to submit a practical record book duly signed by the supervising teachers at the time of the practical examination.

**Semester-II**  
**(Code: MAP-507)**  
**Fundamentals of Psychology – II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Psychophysics: Classical Psychophysics, Problems, and Methods.  
Signal Detection Theory: Assumptions and Applications.

**Unit – II** Classical and Instrumental Conditioning: Nature, Procedures, and Types.  
Operant Conditioning. Schedules of Reinforcement, Verbal Learning, Cognitive Learning, and Latent Learning, Observational Programmed Learning.

**Unit – III** Creativity: Nature, Dimensions, and Measurement of Creativity. Views of Torrance, Getzel, and Guilford. Creativity and intelligence.

**Unit – IV** Language and Thought; Nature and Development.  
Concept formation: Well-defined and ill-defined concepts and prototype models.

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**References**

D'Amato, M.R. (1970). *Experimental Psychology*. Tata McGraw Hill.  
Galotti, K.M. (2000). *Cognitive Psychology in and out of the Laboratory*. Thomson.  
Hilgard, E.H., and Bower, G.H. (1975). *Theories of Learning*. Englewood Cliffs: Prentice-Hall.  
Hulse, S.H., Eget, H. & Deese, J. (1980). *The Psychology of Learning*. Tokyo: Mc Graw Hill.  
Kellogg, R.T. (2012). *Fundamentals of Cognitive Psychology*. Lab Angles: Sage  
Kling J.W. and Riggs, L.A. (1971). *Woodworth and Schlosberg's Experimental Psychology*. Methuen and Co.  
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Hilgard, E.H. and Bower, G.H. (1975). *Theories of Learning*. Englewood Cliffs: Prentice-Hall.  
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Sternberg, R.J. (2007). *Cognitive Psychology*. Delhi: Thomson.  
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Gazzaniga, M. S. (2013). *Fundamentals of psychology: An introduction*. Academic Press.  
Kellogg, R.T. (2012). *Fundamentals of Cognitive Psychology*. Sage.  
Morgan, C.T., King, R.A., Weisz, J.R., and Schopler, J. (2004). *Introduction to psychology, 7th edition, 24th reprint*. TataMcGraw-Hill.  
Smith, E.E., Hoeksman, S. N., Fredrickson, B., Loftus, G.R. (2003). *Atkinson's & Hilgard's Introduction to Psychology*. FirstReprint.  
Thomson Wadsworth.

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**Semester-II**  
**(Code: MAP-508)**  
**Theories and Systems of Psychology – II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Learning: Concept and Theories: Hull, Tolman Spence, Miller and Dollard, Rotter, Mowrer.

**Unit – II** Intelligence: Nature and Theories: Spearman, Cattell, Thurstone, Jensen, Sternberg, Gardner, and Guilford.

**Unit – III** Memory: Concepts and advanced theories: Working memory, Monohierarchical Model (Tulving), PDP (McClelland), Prospective memory.

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**Unit – IV** Contemporary Trends in Information Processing:  
Artificial intelligence, Information processing theory, Non-conscious information processing theory. Indic influences on modern psychology

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**References**

Carlson, N.R. & Buskist W. (1997). *Psychology: The Science of Behaviour*. Allyn and Bacon.

Chaplin, J.P., & Krawiec, T.S. (1979). *Systems and Theories of Psychology*. Rinehart Winston.

Corsini, R. (1994). *Encyclopedia of Psychology*. Wiley Interscience.

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**Semester-II**  
**(Code: MAP-509)**  
**Research Methods and Statistics**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Research Designs: Nature, Purpose, Principles.  
Between subjects-designs: Natural Groups and Matched Groups.  
Randomized Groups Design: Statistical Analysis in Randomized Groups Design.  
Ethical issues in psychological research.

**Unit - II** Factorial Designs: Nature and Types - Random, fixed & mixed.  
Analysis in Factorial Design: one-way, Two-way, three-way ANOVA. Trend analysis: Linear, Quadratic, and cubic).

**Unit - III** Within Groups design: Single and two factors repeated measures designs.  
Limitations of within-subjects designs.  
Quasi-experimental designs: Non equivalent Comparison group and Time series Design.

**Unit - IV** Correlational design: Cross-sectional and longitudinal designs.  
Correlation: Biserial, Point Biserial, Tetrachoric and Phi-Coefficient.

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**References**

Beins, B. C., & McCarthy, M. A. (2017). *Research methods and statistics*. Cambridge University Press  
Black, T. R. (1988). Quantitative research designs for social sciences. Thousand Oaks; sage.  
Broota, K. D. (1990). Experimental Designs in Behavioural Research. Wiley Eastern.  
Coolican, H. (2017). *Research methods and statistics in psychology*. Psychology Press  
Edwards, A. L. (1972). Experimental Designs in Psychological Research. New York: Holt Rinehart and Winston.  
Guilford, J. P. (1963). *Psychometric Methods*. Mc Graw Hill.  
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McNeill, P. (2006). *Research methods*. Routledge  
Singh, A. K. (1986). *Tests, measurements and research methods in Behavioural Sciences*, Tata McGraw Hill,

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**Semester-II  
(Code: MAP-510)  
Personality**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Nature, Factors affecting Personality – Biological, Psychological and Socio-Cultural

**Unit – II** Trait Approaches to Personality – Allport, Cattell, Eysenck, Five-Factor Model.

**Unit – III** Theories: Freud, Jung, Adler, Rogers, Bandura, Kelly, Rollo May

**Unit – IV** Personality Assessment:  
Projective Techniques – Thematic Apperception Test, Rorschach Ink Blot test, Holtzman Ink Blot test, Word Association Test, Sentence Completion Test.  
Questionnaires/ Inventories -16 P.F, EPQ-R, MMPI, NEO PI-R. Situational Tests.

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**References**

Burger, J. M. (2019). *Personality* (10th ed.). Cengage Learning.

Haslam, N., Smillie, L., & Song, J. (2017). *An Introduction to Personality, Individual Differences, and Intelligence* (2nd ed.). Sage Publications.

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John, O.P., Robins R.W & Pervin, L.A. (2008). *Handbook of Personality: Theory and Research* (3rd Ed). Oxford Press.

Larsen, R.J & Buss, D.M. (2011). *Personality Psychology: Domains of knowledge about human nature*. Tata McGraw-Hill.

Pervin, L. A. (2003). *The science of personality*. Oxford university press.

Sarason I. G. (1966). *Personality and Objective Approach*. Wiley

Twenge, J. M., & Campbell, W. K. (2019). *Personality Psychology: Understanding Yourself and Others* (2nd ed.). Upper Saddle River, NJ: Pearson Education.

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II  
**Semester-2**  
**(Code: MAP-511)**  
**Cognitive Psychology**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Origin and current status of Cognitive Psychology. Attention: Forms of attention and models of attention. Language and thought

**Unit - II** Memory: Sensory Memory: Iconic and Echoic, Short Term Memory, and Long Term Memory. Models of Memory: Information Processing Model, Level of Processing, PDP Model. Improving Memory: Mnemonics

**Unit - III** Reasoning: Types  
Problem-solving: Type, Strategies, and Obstacles  
Decision-making: Types and models.

**Unit - IV** Concept Formation: rules, types, and strategies.  
Metacognition: Metacognitive knowledge and Metacognitive regulation.

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**References**

Ellis, H. C., & Hunt, R. R. (1993). *Fundamentals of cognitive psychology*. Brown & Benchmark/Wm. C. Brown Publ.

Eysenck, W.M. & Keane, M.R. (2020). *Cognitive Psychology A Student's Handbook*. Psychology Press.

Galotti, K. M. (2017). *Cognitive psychology in and out of the laboratory*. Sage Publications.

Kellogg, R. T. (2003). *Cognitive psychology* (Vol. 2). Sage.

Matlin, M. W. (2008). *Cognition*. Wiley.

Solso, R. L., MacLin, M. K., & MacLin, O. H. (2005). *Cognitive psychology*. Pearson Education.

Sternberg, R.J. (1984). Mechanisms of Cognitive development. Freeman & Co.

**Note for Examiner**

There will be 9 questions in the whole paper. The question no. 1 will be compulsory (comprising 7 questions from the whole syllabus). Rest of the questions will be set from four units by selecting 2 questions from each unit. Student have to select 4 questions out of these 8 questions by selecting at least one from each unit.

Semester-II  
(Code: MAP-512)  
Psychology Practical -II

Time: 3 Hours  
External Marks: 70

Credits: 6  
Internal Marks: 30

List of Practicals

- 1 Personality.
- 2 Thinking and Concept Formation.
- 3 Pattern Recognition.
- 4 Motivation.
- 5 Aptitude
- 6 Emotional Intelligence.
- 7 Adjustment
- 8 Reaction Time
- 9 Aggression / Hostility
- 10 Self Concept
- 11 Concept Formation
- 12 Psycho Physics
- 13 Learning
- 14 Problem Solving
- 15 Creativity

Any ten experiments/tests are to be conducted out of the list of fifteen mentioned above in the syllabus.

The students will have to perform one experiment/test in the examination which would be assigned on a lottery basis. It would be mandatory to submit a practical record book duly signed by the supervising teachers at the time of the practical examination.

**Semester-II  
(Code: MAP-513)  
Community Survey**

External Marks 70

Credit:1  
Internal Marks:30

It is mandatory for all the students to conduct a community survey and prepare a report on that as guided by the faculty of the department. The themes of the community survey may include any of the following: behavioural problems, learning disability, health issues, violence, gender discrimination, organizational issues, and the like.

Evaluation and viva of community survey report will be done at the time of practicals.

Each student is required to submit the community survey report separately.

**Semester-III**  
**(Code: MAP-514)**  
**Psychological Testing and Psychodiagnostics - I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Psychological Tests: Historical antecedents, Characteristics, types, and applications. Sources of biasness in Psychological Testing. Ethics of Psychological Testing.
<b>Unit - II</b>	Construction and Standardization of Psychological Tests General steps of test construction: Preparation for Item writing, item analysis, reliability, validity. Development of norms, Item analysis for speed test; cross-validation.
<b>Unit - III</b>	Psychometric properties of tests: Reliability: Meaning, sources of error, methods of estimation. Validity: meaning, validation procedures. Theory of measurement error: Domain sampling model, Model of parallel tests.
<b>Unit - IV</b>	Intelligence Tests: WAIS, WISC, Raven's Standard and Colour progressive Matrices, Bhatia battery, Stanford Binet Intelligence test (SB-5). Measurement of aptitude, Interest, and attitude.

**References**

Aiken, L.R. (1994). *Psychological Testing and Assessment*. Allyn and Bacon.  
Anastasi, A. and Urbina, S (1997). *Psychological Testing*. (7th edition) Prentice-Hall.  
Cooper, C. (2018). *Psychological testing: theory and practice*. Routledge  
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Kaplan, R. M., & Saccuzzo, D. P. (2017). *Psychological testing: Principles, applications, and issues*. Cengage Learning  
Maruish, M. E. (2004). *The use of psychological testing for treatment planning and outcomes assessment: Volume 3: Instruments for adults*. Routledge.  
Miller, L. A., & Lovler, R. L. (2018). *Foundations of psychological testing: A practical approach*. Sage publications.  
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Urbina, S. (2014). *Essentials of psychological testing*. John Wiley & Sons.  
Wechsler, D. (1958). *The measurement and appraisal of adult intelligence*. Williams and Wilkins.  
Weiner (1995). *Rorschach: A comprehensive system*. (Exner). John Wiley

**Note for Examiner**

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**Semester-III  
(Code: MAP-516)  
Clinical Psychology – I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Nature and Scope of Clinical Psychology, Training and Role of clinical Psychologist, Ethics, Status of clinical psychology and mental health scenario in India.
<b>Unit – II</b>	Classification systems of behavioural aberrations and mental disorders: ICD-11 & DSM-5, History and present status. Theoretical background/approaches to psychopathology: Biological, Psychological, and Social.
<b>Unit – III</b>	Anxiety Disorders: Generalized Anxiety Disorder, Phobia: Specific Phobia, Social Anxiety Disorder (Social Phobia), Agoraphobia, Panic Disorder. Obsessive-Compulsive Disorder (OCD)
<b>Unit – IV</b>	Personality Disorders: Diagnostic Criteria of some important clinical subtypes: Paranoid Personality Disorder; Schizoid Personality Disorder; Antisocial Personality Disorder, Histrionic Personality Disorder, Borderline Personality Disorder; Obsessive-Compulsive Personality Disorder. Intellectual Disability

**References**

American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders: DSM-5* (Vol. 10). Washington, DC: American psychiatric association.

Butcher, J. N., Mineka, S., & Hooley, J. M. (2017). *Abnormal psychology*. Pearson Education India.

Comer, R.J. (2010) *Abnormal Psychology* (7th ed), Worth Publishers.

Freeman, A., Felgoise, S.H. & Davis, D.D. (2008) *Clinical Psychology: integrating science and practice*, John Wiley & Sons, New Jersey.

Hayes, S. C., & Hofmann, S. G. (Eds.). (2018). *Process-based CBT: The science and core clinical competencies of cognitive-behavioral therapy*. New Harbinger Publications.

Jeffrey, S.N., Spencer, A.R., & Beverly, G. (2014) *Abnormal Psychology in a changing world*, Pearson Edu.

Kring, A. M., & Johnson, S. L. (2018). *Abnormal psychology: The science and treatment of psychological disorders*. John Wiley & Sons.

Trull, T.J. (2005) *Clinical Psychology* (7th ed.) Wadsworth Cengage learning.

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World Health Organization. (2018). *ICD-11 for mortality and morbidity statistics*.

**Note for Examiner**

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**Semester-III**  
**(Code: MAP-517)**  
**Industrial/Organizational Psychology - I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Industrial/Organizational Psychology: Nature, history, and scope. Research strategies: methods & procedures. Ethics in Industrial/Organizational Psychology.
<b>Unit - II</b>	Personnel selection and development: Procedures and Assessment methods for selection. Testing in organizations. Concept of human resource development.
<b>Unit - III</b>	Performance Appraisal: Necessity. Performance criteria, Methods of Assessment Job Satisfaction: Theory, research, and measurement.
<b>Unit - IV</b>	Training of Personnel: Nature, Principles, and Methods. On the job and of the job training methods. Evaluation of training programme.

**References**

Altman, S., Valenzi, E., & Hodgetts, R. M. (2013). *Organizational behavior: Theory and practice*. Elsevier.  
Blum, M. L., Naylor, J. C., & Naylor, J. C. (1968). *Industrial psychology: Its theoretical and social foundations*. Harper & Row.  
Cooper, C., & Rothmann, I. (2013). *Organizational and work psychology: Topics in applied psychology*. Routledge.  
Dunnet, M.D. (Ed.). (1992). *Handbook of Industrial and Organizational Psychology*. Raud McNally.  
Ganguli, H.C. (1966). *The Industrial Worker Psychological Studies*. Siddharth.  
Golembiewski, R. T. (2000). *Handbook of organizational behavior, revised and expanded*. CRC Press.  
Lefkowitz, J. (2017). *Ethics and values in industrial-organizational psychology*. Routledge.  
Luthans, F. (2010). *Organizational Behaviour*. 12<sup>th</sup> ed. Mc Graw Hill.  
Millward, L. J. (2005). *Understanding occupational & organizational psychology*. Sage.  
Mohanty G. (2010). *Industrial Psychology and Organizational behaviour*. Kalyani Publishers  
Newstrom, J. W., Davis, K., & Pierce, J. L. (1993). *Organizational behavior: Human behavior at work*.  
Riggio, R. E. (2017). *Introduction to industrial/organizational psychology*. Routledge.

**Note for Examiner**

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**Semester-III**  
**(Code: MAP-517)**  
**Industrial/Organizational Psychology - I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Industrial/Organizational Psychology: Nature, history, and scope. Research strategies: methods & procedures. Ethics in Industrial/Organizational Psychology.
<b>Unit - II</b>	Personnel selection and development: Procedures and Assessment methods for selection. Testing in organizations. Concept of human resource development.
<b>Unit - III</b>	Performance Appraisal: Necessity. Performance criteria, Methods of Assessment Job Satisfaction: Theory, research, and measurement.
<b>Unit - IV</b>	Training of Personnel: Nature, Principles, and Methods. On the job and of the job training methods. Evaluation of training programme.

**References**

Altman, S., Valenzi, E., & Hodgetts, R. M. (2013). *Organizational behavior: Theory and practice*. Elsevier.

Blum, M. L., Naylor, J. C., & Naylor, J. C. (1968). *Industrial psychology: Its theoretical and social foundations*. Harper & Row.

Cooper, C., & Rothmann, I. (2013). *Organizational and work psychology: Topics in applied psychology*. Routledge.

Dunnet, M.D. (Ed.). (1992). *Handbook of Industrial and Organizational Psychology*. Raud McNally.

Ganguli, H.C. (1966). *The Industrial Worker Psychological Studies*. Siddharth.

Golembiewski, R. T. (2000). *Handbook of organizational behavior, revised and expanded*. CRC Press.

Lefkowitz, J. (2017). *Ethics and values in industrial-organizational psychology*. Routledge.

Luthans, F. (2010). *Organizational Behaviour*. 12<sup>th</sup> ed. Mc Graw Hill.

Millward, L. J. (2005). *Understanding occupational & organizational psychology*. Sage.

Mohanty G. (2010). *Industrial Psychology and Organizational behaviour*. Kalyani Publishers.

Newstrom, J. W., Davis, K., & Pierce, J. L. (1993). *Organizational behavior: Human behavior at work*.

Riggio, R. E. (2017). *Introduction to industrial/organizational psychology*. Routledge.

**Note for Examiner**

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**Semester-III  
(Code: MAP-518)  
Guidance and Counselling – I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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<b>Unit-I</b>	Guidance and Counselling: Historical Perspective, Objectives, and Principles of guidance and counseling. Types of Guidance: Personal, Educational, and Vocational. Necessary personal characteristics/qualities of effective counselors.
<b>Unit – II</b>	Counselling Procedure. Organization and Conduct of guidance. The group approach in guidance. Counseling in individual situations. Observation for counseling purposes.
<b>Unit – III</b>	Characteristics/dimensions of the counselling relationship. Relationship Techniques: Rapport techniques, Reflection of feelings. Terminating skills.
<b>Unit – IV</b>	Special relationship problems: Transference, Countertransference, Resistance, Silence. Supportive therapies: milieu therapy, Holistic approach to therapy: Yoga, Meditation, bio-feedback.

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**References**

Belkin, G. S. (1998). *Introduction to Counselling* (3rd Ed.) Iowa: W.  
Burnard, P. (2009). *Counseling Skills Training: Book of activities*. Viva Books.  
Capuzzi, D. & Gross, D. R. (2007). *Counselling and Psychotherapy: Theories and Interventions* (4th Ed.). Pearson.  
Geldard, K. & Geldard, D. (2011). *Counselling Children: A Practical Introduction* (3<sup>rd</sup> Ed.). Sage.  
Gibson, R. L. & Mitchell, M. H. (2012). *Introduction to Counselling and Guidance* (7<sup>th</sup> 54Ed.). Pearson  
Gladding, S. T. (2012). *Counselling: A Comprehensive Profession*. (7th Ed). Pearson.  
Gysbers, N. C., & Henderson, P. (2014). *Developing and managing your school guidance and counseling program*. John Wiley & Sons.  
Sharf, R. S. (2012). *Theories of Psychotherapy & Counselling: Concepts and Cases* (5<sup>th</sup> Systems, Strategies, and Skills. 3rd Ed. Indian reprint: Pearson.  
Zinta, R. L. (2010). *Psychology manual*. HG Publications.

**Note for Examiner**

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**Semester-III  
(Code: MAP-519)  
Psychology of Criminal Behaviour – I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Nature & historical perspective of criminal behaviour. Techniques of studying criminal behaviour. Various approaches to classification of crime.
<b>Unit-II</b>	Causal analysis of crime: Biological approaches, Sociological approaches. Psychological approaches. Prediction of criminal behaviour and classification of offenders.
<b>Unit-III</b>	Special offender categories: Juvenile Delinquency, Narcotic offenders, Homicide, Sex offenders, Mentally disordered offenders, and Terrorists
<b>Unit-IV</b>	<b>Psychology of Police:</b> Attitude towards police, selection, training, and development of police personnel. Role conflicts among police personnel and other correctional staff.

**References**

Bonta, J., & Andrews, D. A. (2017). *The Psychology of Criminal Conduct*. Routledge. (6th Ed.).  
Durrant, R. (2018). *An introduction to criminal psychology*. Routledge.  
Kocsis, R. N. (Ed.). (2018). *Applied criminal psychology: a guide to forensic behavioral sciences*. Charles C Thomas Publisher.  
Turvey, B. E. (Ed.). (2011). *Criminal profiling: An introduction to behavioral evidence analysis*. Academic Press.  
Scott, A. J., & Gavin, J. (2018). Revenge pornography: The influence of perpetrator-victim sex, observer sex and observer sexting experience on perceptions of seriousness and responsibility. *Journal of criminal psychology*:  
Turvey, B. E. (Ed.). (2011). *Criminal profiling: An introduction to behavioral evidence analysis*. Academic Press.  
Lally, S. J. (2001). Should human figure drawings be admitted into court?. *Journal of personality assessment*, 76(1), 135-149.  
Ewing, C. P., & McCann, J. T. (2006). *Minds on trial: Great cases in law and psychology*. Oxford University Press.

**Note for Examiner**

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**Semester-III  
(Code: MAP-520)  
Child Psychology – I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit - I</b>	Nature: History and importance of Child Development. Mile stone of development.
<b>Unit - II</b>	Linguistic, Motor, Perceptual Development. Factors affecting child development: Biological, psychological and social.
<b>Unit - III</b>	Theories of child development: Piaget, Vygotsky and information processing. Moral Development: Kohlberg, Piaget.
<b>Unit - IV</b>	Development of self-concept, gender role development, and theories of gender typing.

**References**

Berk, L.E. (2012). *Child development*: Pearson Education inc. Boston.

Beauchaine, T. P., & Hinshaw, S. P. (Eds.). (2017). *Child and adolescent psychopathology*. John Wiley & Sons

Butler, L. P., Ronfard, S., & Corriveau, K. H. (Eds.). (2020). *The questioning child: Insights from psychology and education*. Cambridge University Press

Israel, A. C., Malatras, J. W., & Wicks-Nelson, R. (2020). *Abnormal child and adolescent psychology*. Routledge

Kail, R.V. Cavanaugh, J.c. (2012). *Human Development: A Life-Span View*. Cengage learning.

Keenan, T., Evans, S., & Crowley, K. (2016). *An introduction to child development*. Sage

Mash, E J., & Wolfe, D.A. (2012), *Abnormal Child Psychology* (5<sup>th</sup> Ed.) Cengage learning

Mc levitt, T.M., & Ormond, J.E., (2012). *Child Development and Education* (5<sup>th</sup> Ed.) Pearson ed.

Santrock, J.. (2012) *Children*, McGraw-Hill Higher Education

Siegler R.S., Deloache, J.D., Nancy, E. & Saffran, J. (2014), *How Children Develop* (4<sup>th</sup> Ed.) Worth Publishers.

**Note for Examiner**

There will be 9 questions in the whole paper. The question no. 1 will be compulsory (comprising 7 questions from the whole syllabus). Rest of the questions will be set from four units by selecting 2 questions from each unit. Student have to select 4 questions out of these 8 questions by selecting at least one from each unit.

**Semester-III  
(Code: MAP-521)  
Neuro Psychology - I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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<b>Unit-I</b>	Topography of brain – Hind brain, Midbrain & Fore-brain, Cerebral cortex, and its lobular organization, Cerebral dominance, Neurotransmitters.
<b>Unit - II</b>	Biological basis of Motivation: Hunger, Thirst, Sleep, and Sex. Neurophysiology of learning and memory.
<b>Unit – III</b>	Head trauma: open head injuries, closed head injuries, Seizures- Generalized and partial seizures,
<b>Unit – IV</b>	Methods of investigation: Lesion techniques, Non- invasive technique (EEG, CT Scan, MRI, PET Scan, fMRI Luria Nebraska battery, AIIMS battery, PGI

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**References**

Andrews, D. (2015). *Neuropsychology: From theory to practice*. Psychology Press  
Anderson, V., Northam, E., & Wrennall, J. (2018). *Developmental neuropsychology: A clinical approach*. Routledge.  
Armstrong, K. E., Beebe, D. W., & Hilsabeck, R. C. (2019). *Board certification in clinical neuropsychology: A guide to becoming ABPP/ABCN certified without sacrificing your sanity*. Oxford University Press.  
Bush, S. S. (2018). *Ethical decision making in clinical neuropsychology*. Oxford University Press.  
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Walsh, K. (1994). *Neuropsychology: A clinical approach*. Churchill Livingstone.  
Walsh, V., & Pascual-Leone, A. (2003). *Transcranial magnetic stimulation: a neurochronometrics of mind*. MIT press.

**Note for Examiner**

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Semester – IV  
(Code: MAP – 533)  
**Industrial and Organizational Psychology – II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Work motivation: Nature, Theories: Need theories, Expectancy theory, equity, goal setting, reinforcement, and self-efficacy theory. Work Attitudes: Multidimensionality of work attitudes.
<b>Unit – II</b>	Leadership processes and styles in the organization. Classical studies on leadership; trait theories, Group exchange theory, Fiedler's contingency model, path-goal theory, social learning approach. Leadership styles: Reddin's three-dimensional model, Likert's four systems of management, Vroom Yetton normative model. Leadership and Emotional Intelligence.
<b>Unit – III</b>	Organizational climate & culture. Theories of organizational behaviour: Classical, human relation and open system. Organizational Change and Development. Organizational effectiveness.
<b>Unit – IV</b>	Clinical patterns of organizational behaviour. Occupational stress, counterproductive behaviour, role conflicts, absenteeism, and burnouts, their causes and interventions. Health-related problems in Organizations. Working conditions & work environment. Safety & accidents.

**References**

Altman, S., Valenzi, E., & Hodgetts, R. M. (2013). *Organizational behavior: Theory and practice*. Elsevier.  
Blum, M. L., Naylor, J. C., & Naylor, J. C. (1968). *Industrial psychology: Its theoretical and social foundations*. Harper & Row.  
Cooper, C., & Rothmann, I. (2013). *Organizational and work psychology: Topics in applied psychology*. Routledge.  
Dunnet, M.D. (Ed.). (1992). *Handbook of Industrial and Organizational Psychology*. Raud McNally.  
Ganguli, H.C. (1966). *The Industrial Worker Psychological Studies*. Siddharth.  
Golembiewski, R. T. (2000). *Handbook of organizational behavior, revised and expanded*. CRC Press.  
Lefkowitz, J. (2017). *Ethics and values in industrial-organizational psychology*. Routledge.  
Luthans, F. (2010). *Organizational Behaviour*. 12<sup>th</sup> ed. Mc Graw Hill.  
Millward, L. J. (2005). *Understanding occupational & organizational psychology*. Sage.  
Mohanty G. (2010). *Industrial Psychology and Organizational behaviour*. Kalyani Publishers  
Newstrom, J. W., Davis, K., & Pierce, J. L. (1993). *Organizational behavior: Human behavior at work*.  
Riggio, R. E. (2017). *Introduction to industrial/organizational psychology*. Routledge.

**Note for Examiner**

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**Semester – IV**  
**(Code: MAP – 532)**  
**Clinical Psychology - II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Bipolar and Related Disorders: Bipolar Disorder; Manic Episode; Depressive Episode; Major Depressive Disorder (MDD), Persistent Depressive Disorder; Dysthymia and Cyclothymia.
<b>Unit – II</b>	Schizophrenia Spectrum and Other Psychotic Disorders: Delusional Disorder, Brief Psychotic Disorder, Schizophrenia, Schizoaffective Disorder, Eating Disorders: Anorexia Nervosa, Bulimia Nervosa, etc.
<b>Unit – III</b>	Substance-Related and Addictive Disorders: Alcohol-Related Disorders, Opioid-Related Disorders. Internet Addiction. Sexual Dysfunctions and Paraphilic Disorders,
<b>Unit – IV</b>	Therapeutic Intervention: Biologically based therapies: Electro Convulsive Therapy; Psychosurgery; Pharmacological therapy. Psychologically based therapies: Psychoanalytic; Behaviour; Cognitive and Humanistic.

**References**

American Psychiatric Association, A. P., & American Psychiatric Association. (2013). *Diagnostic and statistical manual of mental disorders: DSM-5* (Vol. 10). Washington, DC: American psychiatric association.

Butcher, J. N., Mineka, S., & Hooley, J. M. (2017). *Abnormal psychology*. Pearson Education India.

Comer, R.J. (2010) *Abnormal Psychology* (7th ed), Worth Publishers.

Freeman, A., Felgoise, S.H. & Davis, D.D. (2008). *Clinical Psychology: integrating science and practice*, John Wiley & Sons.

Hayes, S. C., & Hofmann, S. G. (Eds.). (2018). *Process-based CBT: The science and core clinical competencies of cognitive-behavioral therapy*. New Harbinger Publications.

Jeffrey, S.N., Spencer, A.R., & Beverly, G. (2014) *Abnormal Psychology in a changing world*, Pearson Edu.

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Wedding, D., & Corsini, R. J. (2013). *Current psychotherapies*. Cengage Learning.

World Health Organization, (1992). *The ICD -10 classifications of mental and behavioural disorders: clinical descriptions and diagnostic guidelines*. WHO Press.

World Health Organization. (2018). *ICD-11 for mortality and morbidity statistics*.

**Note for Examiner**

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Semester – IV  
(Code: MAP-531)  
Practical

Time: 3 Hours  
External Marks: 70

Credits: 6  
Internal Marks: 30

### List of Practicals

- 1 Personality Test.
- 2 Social Maturity Scale
- 3 Galvanic Skin Response
- 4 Guidance Need Inventory
- 5 Alienation Scale
- 6 Youth Problem Inventory
- 7 Marital Adjustment Questionnaire
- 8 Family Pathology Scale
- 9 Life Satisfaction Scale
- 10 Well-Being Scale
- 11 Occupational Stress
- 12 Family Relationship Inventory
- 13 Coping Responses Inventory
- 14 Rosenweig Picture Frustration Test
- 15 Children Apperception test

Any ten experiments/tests are to be conducted out of the list of fifteen mentioned above in the syllabus.

The students will have to perform one experiment/test in the examination which would be assigned on lottery basis. It would be mandatory to submit a practical record book duly signed by the supervising teachers at the time of practical examination.

**Semester – IV**  
**(Code: MAP – 530)**  
**INTERNSHIP**

After the fourth semester examination, all the students shall have to go for an internship for four weeks in organizations (Hospitals, Clinics, Jails, Counselling Centres, Industries, Airlines, Detective Agencies, and Advertising Agencies, etc.) approved by the department and submit an internship report thereon. The internship report shall be recommended/ certified by the head of the organization or any other officer under whose guidance the internship was done. Evaluation of the internship reports will be done by a committee of internal teachers based on the seminar to be presented by each student

The duration of the internship will be of one month (1<sup>st</sup> June to 1<sup>st</sup> July of every year). The internship report will be submitted by each candidate within 45 days of the last paper of the 4<sup>th</sup>-semester examination. If any candidate fails to submit the internship report and present the seminar thereon within the stipulated time decided by the department, then the presentation of such candidate will take place after three months on the date decided by the course coordinator.

Semester - IV  
(Code: MAP - 534)  
**Guidance and Counselling - II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

**Unit-I** Psychodiagnosis, Crisis Intervention.  
Theoretical Approaches to Counselling:  
Psychoanalytic Foundation: Sigmund Freud, Alfred Adler.

**Unit - II** Affective Approaches to counselling:  
Person-Centered Therapy.  
Gestalt Therapy.  
Existential Therapy.

**Unit - III** Cognitive-Behavioural Approaches to Counselling:  
Rational-Emotive Therapy.  
Behavioural Counselling.  
Reality Therapy.  
Transactional Analysis.

**Unit - IV** Special Areas of Applications:  
Marriage Counselling, Counselling of Children & Parents.  
Counselling for special population-substance abusers, AIDS patients, abuse victims, women. Human relation Counselling in industry and government.

**References**

Burnard, P. (2009). *Counseling Skills Training: Book of activities*. Viva Books.  
Capuzzi, D. & Gross, D. R. (2007). *Counselling and Psychotherapy: Theories and Interventions* (4th Ed.) Pearson.  
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Geldard, K. & Geldard, D. (2011). *Counselling Children: A Practical Introduction* (3<sup>rd</sup> Ed.) Sage.  
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**Note for Examiner**

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**Semester-IV**  
**(Code: MAP-529)**  
**Psychological Testing and Psychodiagnostics – II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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<b>Unit-I</b>	Psychodiagnostic Assessment: Projective Techniques: Purpose, classification, and Evaluation. Word Association Test, Thematic Apperception Test, Rorschach, Sentence Completion Test.
<b>Unit - II</b>	Measurement of Motivation, Creativity, Anxiety, Depression, Hostility, and Aggression.
<b>Unit - III</b>	Neuropsychological Assessment: role of E.E.G., E.M.G., PET scan, CAT scan, Luria Nebraska Neuropsychological Battery, Bender Gestalt Visual-motor test.
<b>Unit - IV</b>	Application of Psychological Tests in Industrial/Organizational settings, Clinical setting, Defence settings, Counselling and Educational set-ups, Forensic settings, Sports settings.

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**Note for Examiner**

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**Semester – IV  
(Code: MAP – 537)  
Neuro Psychology - II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Neurological disorders, Intracranial tumors, Cerebrovascular disorders, Degenerative disorders
<b>Unit – II</b>	Language disorders Sleep disorders, Movement disorders.
<b>Unit – III</b>	Pathology of lobes, Frontal lobe pathology, Temporal lobe pathology, Parietal lobe pathology, Occipital lobe pathology
<b>Unit – IV</b>	Neuroplasticity. Neuropsychological Rehabilitation Training of neuropsychologists.

**References**

Anderson, V., Northam, E., & Wrennall, J. (2018). *Developmental neuropsychology: A clinical approach*. Routledge.  
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Semester – IV  
(Code: MAP – 536)  
**Child Psychology (Paper-II)**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

**Unit-I** Development of cognition, intelligence, and language during early childhood.

**Unit – II** Development of emotions, personality, and moral values during childhood.

**Unit – III** Attention deficit hyperactivity disorder, learning disorders, mental retardation, Feeding, eating, elimination disorders, conduct disorder, and autism.

**Unit – IV** Role and functions of the family in child development, Development of gender differences and roles.

Status and problems of childhood in India:- malnutrition, child abuse, homelessness, aggressiveness & bullying, gender discrimination.

**References**

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Kail, R.V, Cavanaugh, J.c. (2012). *Human Development: A Life-Span View*. Cengage learning.

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Mash, E J., & wolfe, D.A. (2012), *Abnormal Child Psychology* (5<sup>th</sup> Ed.) Cengage learning

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**Semester – IV**  
**(Code: MAP – 538)**  
**Health Psychology - II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Stress: Nature, Models of stress, Physiology of stress, Sources of stress. Responding to stress.
<b>Unit – II</b>	Managing Stress: Factors Affecting the ability to cope, yogic meditation, Bio-feedback, Assertiveness training, and their management, coping with Organizational Role stress.
<b>Unit – III</b>	Health Promotion: Development of healthy habits, Quality of life. Reduction of unhealthy behaviour. Health-related beliefs in Eastern Perspective.
<b>Unit – IV</b>	Disease Prevention – Biological, sociocultural, Psychological, and spiritually oriented intervention.

**References**

Abraham, C., Conner, M., Jones, F., & O'Connor, D. (2016). *Health psychology*. Routledge.

Brannon, L., Feist, J., & Updegraff, J. A. (2013). *Health psychology: An introduction to behavior and health*. Cengage Learning.

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**Semester – IV**  
**(Code: MAP – 535)**  
**Psychology of Criminal Behaviour – II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Special offenses: Sex offenses and crime against women, white-collar crime, cybercrime Theories of punishment: Retribution, deterrence and reformation theory.
<b>Unit – II</b>	Criminal profiling: History, Crime scene analysis, crime reconstruction, interpreting motives, investigation of crime patterns in serial cases.
<b>Unit – III</b>	Role of law enforcement agencies in social defense: Prison administration (Walled and open-air prisons), Probation and Parole, Prison reform programmes and services, Problems of prison life
<b>Unit – IV</b>	Role of psychological measures in the correction of crime: Behaviour modification, Sensitivity training, Rehabilitation in family & Community, Victim offender relationship

**References**

Abrahamsen, D. (1960). *Psychology of crime*. Columbia University Press.  
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Chokalingam, K. (1991). *Readings in Victimology*. Madras: Rair Raj Publications.  
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**Semester-III**  
**(Code: MAP-528)**  
**Environmental Psychology – I**

Time: 3 Hours  
 External Marks: 70

Credits: 5  
 Internal Marks: 30

<b>Unit-I</b>	Origin, Theories of Environmental Psychology, Current approaches, Effect of environment on behaviour.
<b>Unit – II</b>	Environmental Stressors affecting behaviour: Physical stressors: Temperature, air, water, and noise
<b>Unit – III</b>	Psychological stressors. Researching stress: The Environmental context. Moderators of the stress response. The role of stress in understanding organism-environmental relationships.
<b>Unit – IV</b>	Public reactions to pollution. Environmental Perception, Cognition, and Attitudes. Perception: Theories of Environmental Perception. Environmental Cognition, Environmental Attitudes, Changing Attitudes.

**References**

Baum, A., Singer, J. E., & Singer, J. L. (2014). *Advances in Environmental Psychology*. Energy Conservation, Psychological Perspectives. Psychology Press.3.

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**Semester-III  
(Code: MAP-527)  
Sports Psychology – I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Sports and Psychology-A convergence. Strategies For Achieving Sports- Excellence. Nutrition, Exercise and Sports Performance. Exercise Behaviour for Promoting Sports Excellence. Personality and Sports: Relevant Personality Dimensions for Sportsmanship.

**Unit – II** The Coach-Athlete Interaction: The parent in Coach-Athlete Interaction. Coaching Error and Communication Determinants of Athletic Performance Attentional demands, attention and arousal, selective attention.

**Unit – III** Arousal: Drive theory, the inverted U Hypothesis, arousal, and nature of the task. Arousal and individual differences, states of activation and performance, cognitive Arousal effects of social facilitation. Arousal adjustment. Use of strategies.

**Unit – IV** Mental Imagery, Imagery Perspectives, Imagery and performance, Importance of Reaction Time in Sports. Type of Reaction Time, Reaction Factors affecting Reaction Time.

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**References**

Cox, R. H., & Cox, R. H. (2002). *Sport psychology: Concepts and applications*.  
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Gardner, F., & Moore, Z. (2006). *Clinical sport psychology*. Human kinetics.  
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**Note for Examiner**

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**Semester- III  
(Code: MAP-526)  
Positive Psychology -I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

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**Unit-I** Nature and Scope of positive psychology. Eastern and western perspectives on positive psychology. Benefits of studying positive psychology.

**Unit – II** Classifications and Measures of Human Strengths and Positive Outcomes. Role of meaningfulness in life, deconstruction of illness ideology

**Unit – III** Positive Schooling, Positive psychology of mental health and forgiveness.

**Unit – IV** The positive psychology of creativity, gratitude, and hope.

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**References**

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**Semester- III**  
**(Code: MAP-525)**  
**Psychology of Spirituality and Religion-I**

Time: 3 Hours

External Marks: 70

Credits: 5

Internal Marks: 30

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**Unit-I** Religion, Spirituality, and meaning in life. Importance of religious practices in psychology and spirituality. Evolutionary perspectives of religion, Relationship of psychology and spirituality

**Unit - II** Religion and spiritual development in childhood, Adolescence, adulthood, and old age. Religion, spirituality, and death. Gender perspective of religion and spirituality

**Unit - III** Measurement in the psychology of religion and spirituality. Psychological tests: projective and objective tests. Neuropsychology of religious and spiritual experience

**Unit - IV** Role of religion and spirituality in parenting, marriage, family crisis, and daily life. Religion and coping, mental health and psychopathology. Role of religion and spirituality in psychological healing.

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**References**

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Paloutzian, R. F., & Park, C. L. (Eds.). (2014). *Handbook of the psychology of religion and spirituality*. Guilford Publications.

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**Semester-III**  
**(Code: MAP-524)**  
**Consumer Psychology – I**

Time: 3 Hours  
 External Marks: 70

Credits: 5  
 Internal Marks: 30

<b>Unit-I</b>	Consumer Psychology: Nature and applications. Fields of consumer behaviour. Consumer's impact on marketing strategy. Targeted Marketing: Listening to consumers. Consumer demographics, Marketing Segmentation strategies. Marketing impact on the consumer. The role of the consumer in marketing
<b>Unit – II</b>	Major Factors Influencing Buyer's Behaviour: Cultural factors, Social factors, Personal factors. Group influences: Income and social class. Effects of family structure on consumption. Children as decision-makers: Consumers-in-training. Marketing research and children
<b>Unit – III</b>	Decision Process: Individual decision making: Consumer as problem solvers Types of consumer decisions. Problems recognition, Information search. Heuristics: Mental shortcuts. Organizational Decision Making: Organizational versus consumer decision making. The organizational buyer's behaviour process.
<b>Unit – IV</b>	The purchase Situations, Post Purchase Evaluation and Product Disposal Situational Effects on Consumer Behaviour. Constructing a situational segmentation Matrix. Physical and social Surroundings: Temporal Factors, antecedent States, shopping Motives. The Purchase Environment, non-store shopping, the shopping experience. The Salesperson, Post Purchase Satisfaction.

**References**

Assael, H. (2005). *Consumer Behavior A Strategic Approach*. Dreamtech Press.  
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**Semester-III**  
**(Code: MAP-523)**  
**Human Resource Management – I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Understanding HRM: Concept, objectives, function, importance, scope, and HRM Model. HRM in a dynamic environment, Total Quality Management.
<b>Unit – II</b>	HR planning: Nature, importance, and process. Job analysis: Nature, process, barriers, and role of psychological testing. Induction, Placement, and Socialization.
<b>Unit – III</b>	Training and Development: Nature, needs, methods, impediments to effective training and evaluation of training programme, career planning, and development. Residential alternatives for individuals with mental retardation.
<b>Unit – IV</b>	Performance and potential appraisal: Methods, challenges, and problems. Job evaluation: Compensation administration, incentives and employee benefits, wage policy in India.

**References**

Buchanan, D. A., & Huczynski, A. A. (2019). *Organizational behaviour*. Pearson  
Cook, M.F. (1993). The Human Resources, Year book 1993/94 edition. Englewood Cliffs: Prentice-Hall.  
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**Semester – IV**  
**(Code: MAP – 539)**  
**Human Resource Management-II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	HRD in India: Concept, goals, evolution, and need for HRD, HRD in Indian industry.
<b>Unit – II</b>	Employee grievances and Discipline: Grievances, Management in Indian Industry, Resolving Disputes: Nature of disputes causes of disputes, settlement of disputes. Discipline: Approaches to discipline, disciplinary actions.
<b>Unit – III</b>	Health and safety: Need, measures to promote employees health, emotional problems, employee safety, safety programmes. Employee welfare: Importance, Agencies for welfare work, Industrial relations & Trade Union.
<b>Unit – IV</b>	Contemporary issues in HRM: Workforce diversity management, work-family balance, sexual harassment at work, pressures of globalization, e-HRM.

**References**

Buchanan, D. A., & Huczynski, A. A. (2019). *Organizational behaviour*. Pearson UK  
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**Semester-III  
(Code: MAP-522)  
Health Psychology – I**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Health Psychology- Nature & scope. Health beliefs, Models of health behaviour.
<b>Unit – II</b>	Behavioural Risk factors: Drug abuse, Alcohol use, Smoking, Diet, Sedentary lifestyle Type A Behaviour Personality Genders and Health
<b>Unit – III</b>	Psychological and behavioural factors in coronary heart disease. Well-being of cancer patients: the role of psychological, social and spiritual approaches. Prevention of HIV AIDS. Psychological factors in diabetes.
<b>Unit – IV</b>	Pain- Concept, causes, physiology of pain, social factors in experiencing pain, treating pain Geriatric health psychology-Health problems related to aging; treatment /interventions.

**References**

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**Note for Examiner**

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**Semester-4  
(Code: MAP-542)  
Positive Psychology -II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Emotions and positive psychology: positive emotions, coping, flow, emotional intelligence.
<b>Unit – II</b>	Role of self-determination, wisdom, well-being, and value orientation in life.
<b>Unit – III</b>	Practicing positive psychology: meditation, Developing Strengths, spirituality, and humor/ mindfulness.
<b>Unit – IV</b>	Positive psychology in different spheres of life: family, school, work, and society.

**References**

Blumberg, H. H., Hare, A. P., & Costin, A. (2006). *Peace psychology: A comprehensive introduction*. Cambridge University Press.

Carr, A. (2013). *Positive psychology: The science of happiness and human strengths*. Routledge.

Hefferon, K., & Boniwell, I. (2011). *Positive psychology: Theory, research, and applications*. McGraw-Hill Education (UK).

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**Semester-4**  
**(Code: MAP-541)**  
**Psychology of Spirituality and Religion-II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Effect of religion and spirituality on personality, emotions, attitudes, social behaviour, and health.
<b>Unit - II</b>	Religion and forgiveness, mindfulness, morality, self-control, and virtues.
<b>Unit - III</b>	Role of religion and spirituality in guidance and counseling, clinical psychology, and organizational setup.
<b>Unit - IV</b>	Religious violence, fundamentalism, authoritarianism, and terrorism.

**References**

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**Semester – IV  
(Code: MAP – 540)  
Consumer Psychology – II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Testing Advertising Effectiveness: Experimental simulation, Mechanical devices, Consumer Panels, Leadership, and audience surveys. Mail order purchase and inquiries. Sampling problems. Product testing Brand Identification and Brand preference studies. Product Development studies. Observing consumer behaviour in natural settings.
<b>Unit – II</b>	Attitude Change and Persuasive Communications: The nature and functions of attitudes. Attitude measurement. Assessment of consumer attitude through rating scales and projective technique. Changing attitude through communication. Strategies issues in persuasion attempts
<b>Unit – III</b>	The source of communication: Choosing a source dimension, Source credibility, Source attractiveness. The message: Message elements, constructing the argument, Types of message appeals. Communication: The nature of communication, Persuasive communication, Word-of-mouth communication, Using the Mass Media, Using Celebrities as communication sources
<b>Unit – IV</b>	Personality: Personality theories utilized in marketing, using personality measures to predict Buyer behaviour. The nature and influence of individual predispositions. The central control unit: Its nature and function. Learning process: The nature of learning, behaviour learning theories, cognitive learning theory, and marketing application of learning principles.

**References**

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**Semester – IV**  
**(Code: MAP – 543)**  
**Sports Psychology – II**

Time: 3 Hours  
 External Marks: 70

Credits: 5  
 Internal Marks: 30

<b>Unit-I</b>	Motivation and Sports: Demographic factors, Incentive motivation, Achievement motivation, Goal Setting, Competition, Self-confidence, Social reinforcement.  Anxiety and its Role in Sports: Role of competitive anxiety in sports, Effect of anxiety on sports performance.
<b>Unit – II</b>	Stress in Sports: Stress-related factors, Stress and Decision style, Stress and competition; Stress training, Stress evaluation, Burnout in sports.  Strategies for stress management.  Violence in Sports: Factors influencing sports violence, Causes of sports violence. Reduction of sports violence.
<b>Unit – III</b>	Team building and Leadership in sports:  The sports team: A general system approach to group interaction and integration, Personal Factors: Personality, Interpersonal compatibility, Individual ability, Motivation.  Leadership, Cohesiveness, Group development, Conformity and compliance, Obedience.
<b>Unit – IV</b>	Achievement Factors: Attribution for causality, Achievement rewards. Sports and Drugs.  Yoga and sports: Beneficial effects of Yoga, Yoga, and mental relaxation, Utility of Yoga for sportspersons.

**References**

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**Semester – IV**  
**(Code: MAP – 544)**  
**Environmental Psychology - II**

Time: 3 Hours  
External Marks: 70

Credits: 5  
Internal Marks: 30

<b>Unit-I</b>	Population, Density, Urbanization: Social density and regulatory control.
<b>Unit - II</b>	Privacy, Personal space, Territorial behaviour. Behaviour as Response to the physical characteristics of the Environment Spatial behaviour.
<b>Unit - III</b>	Crowding: Effect of high density on humans, Effective components of high-density settings, Pressure-Environment transaction in high-Density settings. Crowding theories: Crowding and behaviour, crowding and crime, crowding and aggression, crowding and withdrawal, crowding and altruism, crowding as a common problem.
<b>Unit - IV</b>	Research Methods in Environmental Psychology: Evaluating the adequacy of environmental research, architectural behaviour

**References**

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