

Revised Syllabi for Psychology Core Courses (Major Elective) at the F.Y.B.A.
Brought into force with effect from the academic year 2016-2017

Code	Semester	Course Title	Credits	Marks
UAPSY101	1	Fundamentals of Psychology: Part I	3	100
UAPSY201	2	Fundamentals of Psychology: Part II	3	100

Objectives: -

1. To impart knowledge of the basic concepts and modern trends in Psychology
2. To foster interest in the subject of Psychology and to create a foundation for further studies in Psychology
3. To make the students aware of the applications of Psychological concepts in various fields so that they understand the relevance of Psychology in different areas of life.

Semester 1. Fundamentals of Psychology: Part I (Credits = 3)

4 lectures per week

Unit 1. The story of Psychology and thinking critically with psychological science

- a) What is psychology? Psychology's roots; psychological science is born; psychological science develops; Contemporary Psychology: Psychology's biggest question, three main levels of analysis, and subfields; Close-up: Improve your retention and grades
- b) The need for psychological science - Did we know all along? Hindsight bias; Overconfidence; perceiving order in random events; the scientific attitude: curious, sceptical and humble; Critical thinking
- c) How do psychologists ask and answer questions? The scientific method; description; correlation; experimentation; statistical reasoning in everyday life: describing data; significant differences
- d) Frequently asked questions about Psychology

Unit 2: The Biology of Mind

- a) Biology, Behaviour and Mind
- b) Neural Communication – neurons, how neurons communicate, how neurotransmitters influence us
- c) The Nervous System - the peripheral and central nervous systems
- d) The Endocrine System
- e) The Brain - The tools of discovery: having our head examined; older brain structures; the cerebral cortex; our divided brain; right-left differences in the intact brain; Close-Up: Handedness

Unit 3: Learning

- a) How do we learn?
- b) Classical Conditioning - Pavlov's experiments; Pavlov's legacy; Operant Conditioning - Skinner's experiments; Skinner's legacy; Contrasting classical and operant conditioning; Close-up: training our partners
- c) Biology, Cognition, and Learning - Biological constraints on conditioning; cognition's influence on conditioning
- d) Learning by Observation- Mirrors and imitation in the brain; applications of observational learning; Thinking critically about: Does viewing media violence trigger violent behaviour?

Unit 4: Memory

- a) Studying Memory; Memory Models
- b) Building Memories - encoding and automatic processing; encoding and effortful processing
- c) Memory Storage - Retaining Information in the brain; the Amygdala, emotions, and memory; Synaptic Changes
- d) Retrieval: getting information out - measures of retention; retrieval cues

- e) Forgetting - Forgetting and the two-track mind; encoding failure; storage decay; retrieval failure; close-up: retrieving passwords
- f) Memory construction errors - misinformation and imagination effects; source amnesia; discerning true and false memories; children's eyewitness recall; repressed or constructed memories of abuse?
- g) Improving memory

Semester 2. Fundamentals of Psychology: Part II (Credits = 3)

4 lectures per week

Unit 1. Thinking, Language and Intelligence

- a) Thinking – Concepts; Problem solving strategies and obstacles; Forming good and bad decisions and judgments; Thinking critically about: the fear factor- Why we fear the wrong things. Do other species share our cognitive skills?
- b) Language: Language structure; language development; close-up: living in a silent world; the brain and language; do other species have language?
- c) Thinking and Language: Language influences thinking; thinking in images
- d) What is Intelligence? Is intelligence one general ability or several specific abilities? Intelligence and creativity; emotional intelligence; is intelligence neurologically measurable?
- e) Assessing Intelligence - the origins of intelligence testing; modern tests of mental abilities; principles of test construction

Unit 2. Motivation and Emotion

- a) Motivational Concepts - Instincts and evolutionary psychology; drives and incentives; optimum arousal; a hierarchy of motives
- b) Hunger - The physiology and psychology of hunger; obesity and weight control; Close-up: Waist management
- c) The Need to Belong - Aiding survival; wanting to belong; sustaining relationships; the pain of ostracism; social networking
- d) Cognition and Emotion - Historical emotion theories; cognition can define emotion: Schachter and Singer; Cognition may not precede emotion: Zajonc, LeDoux, and Lazarus
- e) Embodied Emotion - Emotions and the autonomic nervous system; the physiology of emotions; Expressed emotion - Detecting emotions in others; thinking critically about: lie detection; gender, emotion and nonverbal behaviour; culture and emotional expression; the effects of facial expression; Experienced Emotion – Anger; Happiness; Close-up: Want to be happier?

Unit 3: Personality

- a) Psychodynamic Theories: Freud's psychoanalytic perspective - exploring the unconscious; the neo-Freudian and psychodynamic theorists; assessing unconscious processes; evaluating Freud's psychoanalytic perspective and modern views of the unconscious
- b) Humanistic theories - Abraham Maslow's self-actualizing person; Carl Rogers' person-centred perspective; assessing the self; evaluating humanistic theories
- c) Trait Theories - Exploring and assessing traits; thinking critically about: how to be a "successful" astrologer or palm reader; The Big Five factors; evaluating trait theories
- d) Social cognitive theories - reciprocal influences; personal control; Close-up: toward a more positive psychology; assessing behaviour in situations; evaluating social-cognitive theories
- e) Exploring the self - the benefits of self esteem; self-serving bias

Unit 4: Statistics in Psychology: Understanding Data

- a) The tables are turned: a psychologist becomes a research subject
- b) Descriptive statistics: frequency distribution
- c) Measures of central tendency
- d) Measures of variability
- e) Z-scores and the normal curve
- f) Correlation

g) Inferential statistics

Book for Study

Myers, D. G. (2013). Psychology. 10th edition; International edition. New York: Worth Palgrave Macmillan, Indian reprint 2013

Book for Study for Unit 4. Statistics in Psychology

Hockenbury, D.H., & Hockenbury, S.E. (2013). Discovering Psychology. 6th edition. New York: Worth publishers

Additional Books for Reference

- 1) Baron, R. A., & Kalsher, M. J. (2008). Psychology: From Science to Practice. (2nd ed.). Pearson Education inc., Allyn and Bacon
- 2) Ciccarelli, S. K. & Meyer, G. E. (2008). Psychology. (Indian sub-continent adaptation). New Delhi: Dorling Kindersley (India) pvt ltd.
- 3) Ciccarelli, S. K., & White, J. N. (2012). Psychology. 3rd ed. New Jersey: Pearson education
- 4) Feist, G.J., & Rosenberg, E.L. (2010). Psychology: Making connections. New York: McGraw Hill publications
- 5) Feldman, R.S. (2013). Psychology and your life. 2nd ed. New York: McGraw Hill publications
- 6) Feldman, R.S. (2013). Understanding Psychology. 11th ed. New York: McGraw Hill publications
- 7) King, L.A. (2013). Experience Psychology. 2nd ed. New York: McGraw Hill publications
- 8) Lahey, B. B. (2012). Psychology: An Introduction. 11th ed. New York: McGraw-Hill Publications
- 9) Schachter, D. L., Gilbert, D. T., & Wegner, D. M. (2011). Psychology. New York: Worth Publishers.
- 10) Wade, C. & Tavris, C. (2006). Psychology. (8th ed.). Pearson Education inc., Indian reprint by Dorling Kindersley, New Delhi

Modified Pattern of Question Paper for Semester End Assessment implemented from 2016-2017 For Psychology courses at F.Y.B.A.

Duration of examination = **3 hours** Marks = **100 (per semester)**

All 5 questions carry **20** marks and are compulsory. There will be internal choice in each Question.

Q. 1 will have 2 essay-type questions A and B of **20** marks on any 2 different units out of the 4 units covered in the semester, in any combination like 1 and 2, 1 and 4, 2 and 4, and so on.

Q. 2 will have 2 essay-type questions A and B on the other 2 units out of the 4 units which are not covered in Q. no. 1.

Students can answer either A or B of question no. 1 and 2.

Q. no. 3 will be - Write any **4** short notes out of **8**, based on any 2 different units out of the 4 units covered in the semester, **with 4** notes from each of the 2 units.

Q. no. 4 will be - Write any **4** short notes out of **8**, based on any 2 different units out of the 4 units covered with 4 notes from each of the 2 units. which are not covered in question number 3

Q. no. 5 will be Short answers .Any two out of four ; 1 question from each of the 4 units .Each question carrying 10 marks.

2 Examples for semester 1

Example 1			Example 2		
Q. 1	On units 1 and 3	Attempt either A or B. A. Essay-type on Unit 1. B. Essay-type on Unit 3.	Q. 1	On units 1 and 4	Attempt either A or B. A. Essay-type on Unit 1. B. Essay-type on Unit 4.
Q. 2	On units 2 and 4	Attempt either A or B. A. Essay-type on Unit 2. B. Essay-type on Unit 4.	Q. 2	On units 2 and 3	Attempt either A or B. A. Essay-type on Unit 2. B. Essay-type on Unit 3.
Q. 3	On units 3 and 4	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 3; e, f, g, h from Unit 4.	Q. 3	On units 3 and 1	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 3; e, f, g, h from Unit 1
Q. 4	On units 1 and 2	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 1 e, f, g, h from Unit 2	Q. 4	On units 4 and 2	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 4; e, f, g, h from Unit 2.
Q. 5	On units 1, 2, 3 and 4	Short Answers (Any 2 out of 4) 1 Question from each unit.	Q. 5	On units 1, 2, 3 and 4.	Short Answers (Any 2 out of 4) 1 Question from each unit.

Revised Pattern of Question Paper for Semester 2 where Unit 4 is on Statistics

Question no. 1 and 2 will be similar to the pattern in semester 1, with 1 difference - Instead of full Essay-type question on unit 4 Statistics, the question will be -1) 5 marks theory question on statistics. 2) Calculate Mean, Median, Mode, Range and SD of given raw scores and the Z score of one specified score out of the given raw scores. (Mean 3 marks; Median 2; Mode 1; Range 1, SD 6 marks; and Z score 2 marks); The number of scores can be between 9

and 12. Scores should be 2-digit. Use of calculators is allowed. Each step in the calculations should be written, as marks will be assigned for each step, and not just for the final answer.

Q. no. 3 will be - Write any 4 short notes out of 8 based on any 2 different units out of the 4 units covered with 4 notes from each of the 2 units.

Q. no. 4 will of Write any 4 short notes out of 8, based on the other 2 units which are not covered in Q. no. 3 –

Q. no. 5 will be Short answers .Any two out of four ; 1 question from each of the 4 units .

2 Examples for semester 2

Example 1			Example 2		
Q.1	On units 1 and 3	Attempt either A or B. A. Essay-type on Unit 1. B. Essay-type on Unit 3.	Q. 1	On units 1 and 4	Attempt either A or B. A. Essay-type question on Unit 1. . B .1) 5 marks theory question on stats. 2) Calculate Mean, Median, Mode, Range, SD and Z score. For 15 marks
2	On units 2 and 4	Attempt either A or B. A. Essay-type question on Unit 2. B.1) 5 marks theory question on stats. 2) Calculate Mean, Median, Mode, Range, SD and Z score. For 15 marks	2	On units 2 and 3	Attempt either A or B. A. Essay-type question on Unit 2. B. Essay-type on Unit 3.
3	On units 2 , 3	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 2; e, f, g,h from Unit 3.	3	On units 1 and 2	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 1 e, f, g,h from Unit 2.
4	On units 1 and 4	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 1; e, f, g,h from Unit 4.	3	On units 3 and 4	Write short notes (any 4 out of 8). Notes a, b, c, d from unit 3 e, f, g,h from Unit 4.
5	On all 4 units	Short Answers (Any 2 out of 4) 1 Question from each unit.	5	On all 4 Units	Short Answers (Any 2 out of 4) 1 Question from each unit.