



SOMAIYA

VIDYAVIHAR UNIVERSITY

Somaiya School of Humanities and Social Science

QUESTION PAPERS

BRANCH: Bachelor of Science - Psychology	SEM: II
ATKT	APR-2026

Sr. No.	Subject	Available
1.	231UV216 – Industrial & Organizational Psychology	
2.	145U18C202 – Psychology of Adolescents & young Adults	
3.	145U18I201 – Inferential Statistics	
4.		
5.		
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ATK7 - Apr-26
Psychology
Srm-II



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April 2025 Examination: End Semester Examination (UG Programmes)		
Programme code: Programme:	Class: FY	Semester: II
Name of the Constituent College: S K Somaiya		Name of the Department: Psychology
Course Code: 231UV216	Name of the Course: Industrial and Organizational Psychology	
Duration: 2 Hr.	Maximum Marks: 60	
Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary 3)		

Question No.		Max. Marks	CO
Q1 a) b) c) d)	Explain KSAOs in detail with examples	8	CO1
	Explain how job evaluation is used to set salary levels for jobs.	7	CO1
	OR		
	Explain Rater Bias and Error and Halo Errors with examples	8	CO2
Q 2 a) b) c) d)	Explain the concept of Justice theory in work setting	8	CO3
	Explain Reinforcement Theory in work settings with examples	7	CO3
	OR		
	Explain the Gender differences in leadership style	8	CO4
Q 3 a) b) c) d)	Explain how work groups differ from work teams	7	CO4
	Mention prominent figures who achieve success in the field of IO psychology.	8	CO1
	Explain 360-degree Feedback and the impact of Technology on Performance Appraisal	7	CO2
	OR		
Q4	Explain goal setting theory in work settings	7	CO3
	Write on Women in Leadership Positions and Cross-Cultural Issues in Leadership	8	CO4
	Write short notes (Any 3)		
	a) Job-orientated Approach	5	CO1
b) Dynamic Criteria	5	CO2	
c) Maslow's Theory of Motivation	5	CO3	
d) Explain Roles and Team Commitment	5	CO4	
e) Explain how glass ceiling is a barrier for women	5	CO4	



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17 APR 2020

Psychology

April 2026		
Examination: In Semester Examination (UG Programme)		
Programme code: 78 Programme: BSc Psychology	Class: FY	Semester: II
Name of the School: Somaiya School of Humanities and Social Sciences		Name of the Department: Psychology
Course Code: 145U18C202	Name of the Course: Psychology of Adolescents & Young Adults	
Duration : 2 Hrs	Maximum Marks : 60	
Instructions: 1) Draw neat diagrams 2) Attempt questions as per options given 3) Use examples wherever appropriate		

Question No.	Answer the following questions	Max. Marks	CO
Q1	a) Explain brain development in adolescence, including the role of the prefrontal cortex and limbic system, and its effect on behaviour.	08	CO1
	b) Explain the significance of nutrition in adolescence with examples and references to physical and cognitive development.	07	CO1
	OR		
	c) Explain Marcia's identity statuses i.e. diffusion, foreclosure, moratorium, achievement and their implications.	08	CO2
Q2	d) Explain the role of family relationships in adolescence with examples	07	CO2
	a) Explain stress in early adulthood and strategies for coping.	08	CO3
	b) Explain Perry's stages of cognitive development in young adults.	07	CO3
	OR		
Q3	c) Explain the components of love intimacy, passion, and commitment including the theory of love	08	CO4
	d) Explain factors affecting job satisfaction in early adulthood.	07	CO4
	a) An adolescent has recently started spending time with a new peer group where experimenting with alcohol and tobacco is common. Initially, the adolescent tried these substances occasionally out of curiosity, but over time, the frequency has increased. Teachers have noticed a decline in academic performance, and parents report irritability, fatigue, and changes in behaviour at home. Question - Explain this situation in relation to substance use and risk behaviour in adolescence.	08	CO1
	b) A teenager from a cultural minority background often feels confused while interacting with peers from different cultural groups. At home, there is strong emphasis on traditional values, while friends follow different lifestyles. This creates internal conflict, and the teenager feels unsure about their identity and struggles to balance both expectations. Question - Explain this situation in relation to identity formation and cultural influences.	07	CO2
OR			

	<p>c) A college student has recently moved away from home for the first time. They feel lonely, find it difficult to make new friends, and struggle to adjust to new teaching methods and academic expectations. Over time, they begin to lose confidence and feel disconnected from college life. Question Explain this situation in relation to college adjustment and challenges in early adulthood.</p>	08	CO3
	<p>d) A young adult is working in a stable job but struggles to balance work responsibilities with personal life. Long working hours leave little time for relaxation or relationships, leading to stress and reduced overall satisfaction. Question - Explain this situation in relation to work-life balance in early adulthood.</p>	07	CO4
Q4	<p>Write Short Notes on (Any 3 out of 4) - a) Hormonal changes in adolescence b) Parent-adolescent conflict c) Postformal Thought d) RIASEC</p>	15	CO1 CO2 CO3 CO4

ATKR
Psychology
Srm-TI



23 APR 2028

April 2026		
Examination: In Semester Examination (UG Programme)		
Programme code: 78 Programme: BSc Psychology	Class: FY	Semester: II
Name of the School: Somaiya School of Humanities & Social Sciences		Name of the Department: Psychology
Course Code: 145U18I201	Name of the Course: Inferential Statistics	
Duration : 2 Hr.	Maximum Marks : 60	
Instructions: 1) Draw neat diagrams 2) Assume suitable data if necessary		

Question No.		Max. Marks	CO
Q1a	Explain the difference between Type I and Type II error and how that relates to power. Explain normality and homoscedasticity and its relation to hypothesis testing.	15	1
	OR		
Q1b	“p-values tell us about the random chance of obtaining our results” - Critically evaluate this claim. Explain the General Linear Model (GLM) and how it encompasses the various tests conducted in statistics.		
Q2a	Three groups (Therapy = 12, Medication = 15, Control = 20; overall mean = 15.67) were compared on anxiety scores. Given: SSW = 54, n per group = 6, critical $F(2,15) = 3.68$. Calculate SSB, compute the F-ratio, and state whether the difference between groups is statistically significant, interpreting what this means for anxiety treatment approaches. Explain why we need to use ANOVA instead of multiple t-tests.	15	2
	OR		
Q2b	A neuropsychologist wants to determine if sleep duration significantly impacts motor task reaction times. You are given data from two independent groups with a larger sample size ($n = 50$ per group): the High Sleep group ($M = 18.5$) and the Low Sleep group ($M = 22.1$, SE of difference = 1.8). Calculate the appropriate test statistic and degrees of freedom to determine if the results are significant at $p < .05$, using the critical value for $df = 98$ (1.984). Additionally, expand on three parametric tests used for hypothesis testing in psychological research.		
Q3a	A social psychologist wants to investigate whether there is a significant association between a person's living environment and their reported level of life satisfaction. In a study of 120 individuals, the researcher found that among 60 urban residents, 35 reported "High Satisfaction" and 25 reported "Low Satisfaction," whereas among 60 rural residents, 45 reported "High Satisfaction" and 15 reported "Low Satisfaction." Calculate the appropriate test statistic and degrees of freedom for this data, and determine if there is	15	3

Q3b	<p>a significant association between environment and satisfaction given a critical value of 3.84 at the 0.05 level. Additionally, briefly explain the fundamental difference between association and independence in chi-square.</p> <p style="text-align: center;">OR</p> <p>A researcher wants to compare the effectiveness of three study methods - Active Recall, Spaced Repetition, and Rereading, on test scores. Fifteen students are divided into three groups (n = 5 per group), and their scores are recorded. Group 1 (Active Recall) scores are 85, 90, 88, 92, and 87; Group 2 (Spaced Repetition) scores are 78, 82, 80, 85, and 79; Group 3 (Rereading) scores are 65, 70, 68, 72, and 67. Using an appropriate test, calculate the test statistic and degrees of freedom to determine if a significant difference exists among the three methods, given a critical value of 5.99 at the 0.05 level. Additionally, briefly explain the fundamental difference between 'between subjects' and 'repeated measures' tests in psychological research.</p>		
Q4a	<p>Elaborate on R and R Studio. Expand on the difference between SPSS, JAMOVI, and R.</p> <p style="text-align: center;">OR</p> <p>Compare the advantages and disadvantages of using Quantitative Data Analysis Softwares. Compare Script based analysis softwares to Graphical User Interface Software Packages for Analysis.</p>	15	4