

Sosial elmlər və Psixologiya fakültəsi, “Psixologiya” kafedrası  
(III kurs, VI semester, i/b, ə/ş, 45 s)  
“Psixofiziologiya” fənnindən  
İmtahan sualları

1. An overview of psychophysiology
2. Psychophysiological studies of emotional and cognitive processes
3. Physiological changes and their measurement
4. Psychophysiology and disease
5. Cognitive and clinical psychophysiology
6. Stimulus specificity
7. Law of initial value
8. Biofeedback
9. Autonomic balance and individual differences
10. Directional fractionation
11. Bottom-up and top-down processing
12. Hemispheric asymmetry or laterality
13. Activation and arousal
14. Automatic versus controlled modes of processing
15. The structure and function of the nervous system
16. Sensory and motor systems
17. The brain
18. The cortex. The lobes of the cortex
19. Blood supply of the brain
20. Stress-response systems
21. The autonomic nervous system
22. The sympathetic and parasympathetic systems
23. Laterality and the autonomic nervous system
24. Antagonistic effects
25. Cortical control of the ANS
26. Altered states of consciousness
27. Electrodermal activity. Electrodermal response and measures
28. The recording and scoring of EDA data
29. Peripheral mechanisms
30. Central control of EDA. Other factors influencing EDA
31. EDA in psychophysiological research
32. Orienting and conditioning. Orienting and habituation
33. Classical conditioning

34. Clinical applications of electrodermal activity
35. Altered states
36. Psychopathology. Alcohol and drug dependence
37. Psychosomatic disorders
38. Other brain and nervous system dysfunctions
39. The heart and blood circulation
40. Recordings of heart activity. Blood flow and blood pressure
41. Cardiovascular psychophysiology. Cardiovascular reactivity
42. Hypertension and heart disease
43. The type a behavioral pattern
44. Visceral perception and heartbeat detection
45. Cardiovascular responses and cognitive processes
46. The electroencephalogram. Recording the EEG signal. EEG rhythms
47. Analytic techniques
48. Topographical mapping of EEG activity
49. The electroencephalogram in psychophysiology
50. Event-related potentials. The ERP signal. ERP components
51. Exogenous and endogenous components
52. Psychophysiological implications of the ERP
53. Brain imaging techniques. Positron emission tomography
54. Functional magnetic resonance imaging. Magneto-encephalography
55. Skeletal muscles, eye movements and the respiratory system
56. The electromyogram and the electro-oculogram
57. The eyeblink startle reflex
58. Respiratory psychophysiology
59. The psychophysiological perspective of the mind-body problem
60. An interdisciplinary and interactionist approach

Tərtib edən:

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