



BRAINWARE UNIVERSITY

Term End Examination 2022 Programme - M.Sc.(APSY)-2022 Course Name - Applied Cognitive Psychology & Neuropsychology **Course Code - APSY101** (Semester I)

Full Marks: 60 Time: 2:30 Hours [The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

.5

c) Memory

	Grou	o-A		
	(Multiple Choice T Choose the correct alternative from the following	• •	1 x 15=1	
(i)	Evaluate an injury sustained by the hypothalamus is most likely to interrupt			
(ii)	a) coordination during locomotionc) regulation of body temperatureName the process : Completing your assignments	b) short term memoryd) executive function like decision making while listening to music'	ng	
(iii)	a) Selective Attentionc) Sustained attentionAccording to Selye's general adaptation syndromestress. Write the name of the stage	b) Divided attention d) Concentration e, the third stage of our reaction to		
(iv)	a) alarmc) resistanceName the process: Forgetting of pictures with the	b) exhaustion d) mobilization e passage of time can be due to:		
(v)	a) Proactive Inhibitionc) Decay through disuseInfer which of the following structures is not usual circuit?	b) Retroactive inhibition d) All of the above ally considered to be part of the Papez		
(vi)	a) Caudate nucleusc) HippocampusIndicate the change in electrical charge that occu is transmitted is known as the:	b) Mammillary bodies d) Fornix rs in a neuron when a nerve impulse		
vii)	a) action potentialc) refractory periodChoose Which of these functions will be affected	b) synaptic changed) ionic chargeif the medulla oblongata is Damaged?		
	a) Vision	b) Thermoregulation		

d) Response when pricked with a needle called

Tactile Sensation

(VIII)	beat blood vessels contraction, respiration	ne center of various reflexes that regulate	neart		
	a) cerebrum c) cerebellum	b) midbrain d) medula oblangata			
(ix)	Executive Functions: involve problem-so	lving, planning, initiative, organising, and t . These functions are normally associated v			
	a) the neocortex	b) corpus callosum			
(x)	c) cerebellum The field of study concerned with the was behavior is illustrated by	d) prefrontal cort ays in which nervous system activity manifo	ests in		
	a) Biological psychology	b) behavioural perspective			
(xi)	c) neuroanatomy Determine the function of prefrontal cor	d) neuropsychology tex			
	a) memory	b) force			
(xii)	c) emotion Determine the problem in storing memory	d) execute functions ory due to two different situations			
	a) Interference theory	b) motivated forgetting			
(viii)	c) decay theory Illustrate the function of autonomic nerv	d) All of the above			
(7111)	a) enables us to act on the external	h)			
	environment	transmits motor information t	o the brain		
(xiv)	c) regulates the internal environment Explain Which of the following is NOT th	d) is located within the brain e component of the PNS?			
	a) Elastic connective tissue	b) Cranial nerves			
(xv)	c) Spinal nerves Recall which one is a monocular depth p	d) Ganglia erception			
	a) Aerial Perspectivec) Gradient of texture	b) Linear Perspectived) All of the above			
		Group-B			
	(Short A	nswer Type Questions)	3 x 5=15		
	ustrate the components of signal detection	on	(3) (3)		
	 Illustrate cognitive models of perception Explain the different types of neurotransmitters 				
	escribe the application of neuropsycholog		(3) (3)		
	tegrate the concept of emotion with atte		(3)		
		OR	(-)		
Cr	eate the association of executive function	ning and pleasure behaviour	(3)		
	// a.a.a. A.	Group-C	F., C. 20		
	(Long Al	nswer Type Questions)	5 x 6=30		
7. I	llustrate network-feedback model of atter	ntion	(5)		
8. "Motor nerves and Sensory Nerves are not same" Illustrate the sentence.					
	Correlate brain waves and sleep cycle with	n explanation	(5)		
	Describe levels of consciousness		(5) (5)		
11. Classify brain strucuture with diagram					
12. F	12. Prefrontal cortex is the master of all cognition: Illustrate with explanation				

Explain the function	of	occipital	lobe

(5)
