Seat No:		Enrollment No:	
	PARUL UN	그리고 하게 되었다면 생각이 되었는데 얼마 가는데 하는데 그리고 있다면 그리고 있다면 하는데 하는데 하는데 하는데 그리고 있다면 하는데	
	FACULTY OF		
	M.B.B.S DECEMBER 2	2021 EXAMINATION	
	and the state of the property of the state o		
Year: 1 Dat		Date: 22/12/2021	
이 규지막아 구경하다 그는 것들은 그렇다는 그를 만든다는 그들은 이렇게 보는 이렇게 되었다. 그는 얼마나 그는 그 사람들이 모든 그를 모든 그를 받았다. 그를		Time: 10.00 am to 01:00 pm	
Subject Na	ame: Physiology Paper-II	Total Marks: 100	
Instructio		A Properties	
	all questions from each section.		
	to the right indicate full marks. itable assumptions wherever necessary.		
J. Wake su	muote assumptions wherever necessary.		
100			
		CTION – A	
	ctured Essay question (No choice) 2x10	(20)	
A. A patient complains of polyuria, polydipsia but no glycosuria. Specific gr			
	그 집에 가게 걸린 그모고 있다면 하는 이번 이 지난 하는 이렇게 되었다. 맛이 없는 그 때에 어떻게 되었다.	fort because of frequent urination during day	
	and night with disturbed sleep.		
	1. What could be the basis of these symples of the second		
	2. What are the causes of diabetes insipi		
	3. What is the difference between diabet	그리고 그리 가라지구 있는데, 그가지 않는데 얼마나 아니라 그 그 생각에서 있는데, 그리고 하는데 이번 그리고 그리고 하는데 그리고 그리고 하는데 그리고	
	4. Explain the physiological actions of A	4DH. (3)	
R.	In a road accident, a person had spina	al injury. MRI of spinal cord reveals	
2.	hemisection on right side.		
	1. What symptoms will be observed at	pove hemisection on both sides? (2)	
	[2] : [2] - [2] - [3] - [3] - [3] - [4] - [3] - [4] -	the level of hemisection on both sides?(3)	
	3. What is Brown Sequard Syndrome?		
	and the state of t		
Q- 2 Write	e short notes on: (Any Four out of Five	e) 4x5 (20)	
1.	Reflex Arc		
2.	Flight and fight reactions.		
3.	REM Sleep		
4.	Sarcomere.		
5.	Lateral spinothalamic tract.		
	SE	ECTION – B	
	보통시키를 보고 있는데 이번 기를 가르는데 보고 있다. 1985년 - 1985년		
O- 3 Eval	ain briefly on : (Any Three out of Four	) 3x6 (18)	

A. A young girl complains to the family doctor about painful and scanty menstruation with irregularities. She feels depression before onset of menstrual bleeding.

Name the four hormones which regulate menstrual cycle? (2)

Give examples of physiological amenorrhea. (1) What is menopause? What are its symptoms? (2)

1. Name the phases of menstrual cycle. (1)

- B. A patient came to doctor with complaints of severe headache and some visual loss. MRI showed an intracranial tumor at the level of optic chiasma.
  - 1. What will visual field examination show and why ?(2)
  - 2. What is homonymous hemianopia? Give the lesions involved? (2)
  - 3. What is physiological blind spot & where is it located in visual field chart? (2)
- C. An old man complains about loss of recent memories. He also finds difficulty in learning new methods in various fields.
  - 1. Name the functional unit of nervous system? (1)
  - 2. What will be the cause of loss of memory in old age? (2)
  - 3. Explain Wallerian degeneration in brief. (3)
- D. A patient complaining of sweating, palpitation, fine tremors in fingers, more pulse pressure with feverish feelings and insomnia. Swelling of neck is present. Lab test shows rise in T3 & T4 level while fall in TSH level.
  - 1. What is the basis of his symptoms? (1)
  - 2. Write steps of thyroxine synthesis (2)
  - 3. Explain effect of thyroxine on CVS, CNS and GIT. (3)

## Q-4 Write shortnotes on: (Any Three out of Four) 3x4

(12)

- 1. Types of Deafness
- 2. Myopia & Hypermetropia
- 3. Fuctions of skin.
- 4. Synaptic transmission

## SECTION - C

## Q-5 Write short notes on: (Any five out of Six) 5x5

(25)

- 1. What is ovulation? Add a note on its hormonal control.
- 2. Hormones in Lactation.
- 3. Physiological actions of Parathyroid hormones.
- 4. Physiological actions of Growth hormone in our body.
- 5. What is safe period of menstrual cycle? Add a note on intrauterine contraceptive devices. (IUCD)
- 6. Endocrine functions of Hypothalamus.

Seat No:		Enrollment No:		
		UNIVERSITY		
		OF MEDICINE		
	M.B.B.S EXAMINA	TION DECEMBER 2021		
Year: 1 Subject Code: 19100184 Subject Name: Physiology Paper-II		Date: 22/12/2021 Time: 10.00 am to 01:00 pm		
		Total Marks: 100		
Instructio				
	t all questions from each section.			
	to the right indicate full marks.			
3. Make s	uitable assumptions wherever necessar	у.		
O- 6 Tick	a mark only correct Answer in MCQ	5 x 1 (05)		
	[NG 18] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1	ys ago, was experiencing a delay in onset of lactation.		
	하는 경기를 가는 하는 이번 국가 있는 것이 되었다. 그 전 그렇게 되었다. 그 사람이 되었다. 그 사람이 되었다. 그 사람이 없는 사람이 되었다.	sible for production of milk from mammary glands?		
	나는 사람들이 되어 가는 이렇게 되었다면 하는 사람들이 하는 사람들이 가장 생각하다. 그런 그 사람들이 되었다.	c. Progesterone d. Prolactin		
2.	A 55 years old patient, on clinical no of the body. Which is correct term f	eurological examination shows paralysis on one half or this condition?		
	a. Hemiplegia b. Paraplegia	c. Quadriplegia d. none		
3.	3. A child presented with difficulty in seeing the blackboard in school, his teach			
	he does not do his classwork. Most	he does not do his classwork. Most probable cause is		
	a. Hypermetropia	c. Myopia		
	b. Presbyopia	d. Astigmatism		
4.	In a patient of chronic diabetes mellitus, is observed glycosuria even when blood sugar is			
	less than 180 mg/dl. What it signifie	less than 180 mg/dl. What it signifies?		
	a. Damage to kidney	c. Damage to pancreas		
	b. Damage to liver	d. All of above.		
5.	A 48-year-old man comes to the em	ergency department complaining of trouble seeing		
	and has difficulty in swallowing.24	hours earlier he ate some green beans that were		

canned. His Stool sample is positive for Clostridium bacteria. What is your probable

c. Tuberculosis

d. Typhoid

diagnosis in this patient?

a. Muscular Dystrophyb. Botulism toxicity