	Reg. N	lo.:
First Year B. Sc Opto	ometry Degree Supplementary Exam	inations May 2022
•	Paper II – Physiology	•
	(2016 Scheme)	
Time: 3 hrs		Max marks: 80
 Answer all questions to the point number correctly for the answer 	nt neatly and legibly • Do not leave any blank pages between and or in the margin space	swers • Indicate the question
•	estion together • Leave sufficient space between answers • Dra	aw table/diagrams/flow charts
	n separate answer books. Do not mix up questions from section	
Q P Code: 123013	Section A – General Physiology	Marks: 40
Essay:	-4 -4 is small man sincia	(10)
Short notes:	nt stages in erythropoiesis. How is erythropoie	(3 x5=15)
	c hydrochloric acid secretion.	(383-13)
3. Conducting system of		
4. Functions of cerebel		
Answer briefly:	· 	(5x2=10)
5. Parkinsonism.		,
6. Steps in formation of	i urine.	
Functions of Plasma	proteins	
8. Taste buds.		
9. Dwarfism.		,
One-word answer:		(5x1=5)
•	d from collapsing, during expiration by a subst	ance produced from
alveolar epithelial ce		
·	tex is located in which lobe of cerebral hemisp	here
12.Normal RBC count in	ı Males is	
13. Which are known as	Counter current multipliers	
14. In pre synaptic nerve	e endings, neurotransmitters are stored within	membrane bound
structures called		
Q P Code: 124013	Section B – Ocular Physiology	Marks: 40
Essay:		(10)
_	way as light enters eye. Describe the sequence	
till image formation an	•	o or onangoo occannig
Short notes:	' '	(3x5=15)
2. Photoreceptors and ic	onic basis of photoreceptor potential.	
3. Actions of extra ocula	r muscles with a mention of their innervation.	
4. Theories of colour visi	on.	
Answer briefly:		(5x2=10)
5. Glaucoma.		
6. Ocular dominance.		
7. Amblyopia.		
8. Presbyopia.9. Pupillary diameter		
One-word answer:		(5x1=5)
	e eyeball is short and light rays focus behind re	` ,
	om deficiency of Vitamin A is	
•	ns of human eye is	
	ne object to another, sudden jerky movements	of eyeball are
called		
14.Normal IOP is		
