First Year	r B.	Reg. No Sc Optometry Degree Supplementary Ex December 2017	o.: caminations
	C	General Physiology & Ocular Physiology (2014 Scheme)	,
3 hrs		•	Max marks: 80
	•	Answer all questions Write section A and section B in separate answe Do not mix up questions from section A and sect	` ,
ode: 1130	013	Section A – General Physiology	Marks: 40
egulated. notes: licturition reference brospinal er briefly: ymphocytes unctions of lictimatization ynaptic transtushing's syre the blanks: lormal tidal viollapse of all ormal length ormal cardial	flex de tr d	ssion me me is i is prevented by a nephron is d by the juxtaglomerular apparatus is	(1+1+8) (3x5=15) (5x2=10) (5x1=5)
ode: 1140)13	Section B – Ocular Physiology	Marks: 40
	hoto	chemistry of vision. Add a note on the types of ab	(10) normalities of color
ion. notes:			(3x5=15)
nctions of active error fractive error raocular muster briefly: mianopia	r of	the eye	(5x2=10)
eld of vision yers of retina ork adaptatio			
amin A the blanks:	oro		(5x1=5)

Gen	December 2017 Peral Physiology & Ocular Physiology (2014 Scheme)	,
Time: 3 hrs	•	Max marks: 80
• Wi	swer all questions rite section A and section B in separate answe o not mix up questions from section A and sect	
Q P Code: 113013	Section A – General Physiology	Marks: 40
Essay: 1. Define arterial blood pregulated.	pressure and give its normal value. Explain ho	(10) w blood pressure is (1+1+8)
Short notes: 2. Micturition reflex 3. Carbon dioxide trans	port	(3x5=15)
 4. Cerebrospinal fluid Answer briefly: 5. Lymphocytes 6. Functions of liver 7. Acclimatization 8. Synaptic transmission 	1	(5x2=10)
 Cushing's syndrome Fill in the blanks: Normal tidal volume i 	s	(5x1=5)
12. Normal length of a ne 13. Hormone secreted by	prevented by phron is the juxtaglomerular apparatus is tof human heart is	
Q P Code: 114013	Section B – Ocular Physiology	Marks: 40
Essay: 1. Describe the photoche vision.	mistry of vision. Add a note on the types of ab	(10) normalities of color
Short notes: 2. Functions of aqueous 3. Refractive error of the		(3x5=15)
4. Intraocular muscles.Answer briefly:5. Hemianopia		(5x2=10)
6. Field of vision7. Layers of retina8. Dark adaptation		
9. Vitamin A Fill in the blanks:		(Ev4_E)
10. Primary colors are	 oid of the receptors is	(5x1=5)

13. Long sighted man is corrected by

12. Primary visual area is