



## BRAINWARE UNIVERSITY

## **Term End Examination 2022** Programme - B.Optometry-2019/B.Optometry-2020 Course Name – Systemic Disease **Course Code - BOPTO504** (Semester V)

Time: 2:30 Hours Full Marks: 60

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

## Group-A

(Multiple Choice Type Question)

1 x 15=15

- Choose the correct alternative from the following: (i) Identify which is stage 2 hypertension stage? b) >140/90 a) 120/80 d) 130/80 c) >180/120. (ii) Name of the antimalarial drug is: b) Tetracycline a) Streptomycin d) Phenylbutazone c) Chloroquine (iii) Select which is not the risk factor for hypertension: b) Smoking a) Age d) Obesity c) Impaired fasting glucose (iv) Select which disease can develop dysphagia? b) Arthritis a) Thyroid
- c) Hypertension (v) Identify Which color deficiency is caused by the gene of X chromosome?

d) Myasthenia Gravis

b) Red color

a) Red-Green color c) Yellow color

- d) Blue-Yellow color
- (vi) Select which disease is not related to the circulatory system
  - a) Diabetes mellitus

b) Hypertension

c) Coronary thrombosis

- d) Diphtheria
- (vii) Select which is not symptoms of Myasthenia Gravis?
  - a) Chewing problem

- b) Double Vision
- c) Sudden loss of vision
- d) Drooping of eye lid
- (viii) Lymph differs from blood in having \_\_\_
  - a) Much more of water content
- b) No WBC

c) No RBC

- d) No protein
- (ix) Shortness of breath, rapid heartbeat, high body temperature are the symptoms of
  - a) Thyroid crisis

b) Thyroid storm

c) Thyroid failure

d) Thyroid death

(x) A condition marked by low levels of	TSH is called	
a) Hypothyroidism	b) Goitre	
c) Hyperthyroidism	d) Thyroid cancer	
(xi) Choose the hallmark of PDR	A to Product the second	
a) Blot haemorrhages	b) Neovascularisation	
c) Microaneurysms	d) Hard exudates	
(xii) Select the Ocular manifestations in	AIDS:	
a) Retinitis	b) Lymphoma	
c) Herpes	d) All of this	
(xiii) Pepper-salt fundus is seen in:		
a) CMV retinitis	b) Toxoplasmosis	
c) Rubella	d) Measles	
(xiv) Choose what blood pressure refers	to the force of blood pushing against:	
a) The heart	b) Artery walls	
c) The brain	d) Capillaries	,
(xv) Predict in which of the following di		
a) Papillitis	b) Hypertension	
c) Papilloedema	d) All of this	
	Group B	
<b>Group-B</b> (Short Answer Type Questions)		3 x 5=15
(5110	Transwer Type Questionsy	3 × 3-13
2. Discuss about A-V nicking.		(3)
3. Classify Diabetic Retinopathy.		(3)
4. Write a short note on Vitamin A deficiency.		(3)
5. Explain about Leprotic Uveitis.		(3)
6. Write about prevention, control and treatment of malaria.		(3)
	OR .	
Write about prevention and management procedure of malaria.		· (3)
,	Group-C	
(Long Answer Type Questions)		5 x 6=30
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7. Describe the pathophysiology of hypertensive retinopathy.		(5)
8. Explain about ocular features that may be seen in malaria.		(5)
9. Explain ocular features of Vitamin A deficiency.		(5)
10. Explain association of genetics with POAG.		(5)
11. Write about Keith and Wegner classification of hypertensive retinopathy.		(5)
12. Discuss two recommended diagnostic tests for Myasthenia Gravis.		(5)
	OR .	
What are the different ocular featur	es of Graves disease ?	(5)
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