

BACHELOR OF CLINICAL OPTOMETRY
I-B. Optometry Sem-II : WINTER- 2022
SUBJECT : RELATED SCIENCES (T)

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 9/12/2022

W-832-2022

Max. Marks : 20

N.B.:

Section –A is given on a separate sheet has to be answered on the **SAME** sheet. This sheet should be completed within the **first 30 minutes** of starting of the examination. This sheet with **Section –A** only will be collected by the supervisor.

Seat No _____

Date: _____

SECTION-A

Q.1 A) Fill in the blanks: (10)

- i) In FFA _____ dye is used.
- ii) Formation of new blood vessels during repair is called _____.
- ii) Two groups of bacteria are _____ and _____.
- iv) Trauma with vegetative material will cause _____ keratitis.
- v) Endophthalmitis is _____.
- vi) Ehtambutol is used for treatment of _____.
- vii) The virus with smallest genome is _____.
- viii) Presence of blood in urine is termed as _____.
- ix) _____ is the term used to describe the body of fungi.
- x) Indocyanine green is used for _____.

B) State True / False (10)

- i) Prostaglandins increases uveoscleral outflow.
- ii) Gram positive bacteria stain pink.
- iii) IV Mannitol is used in the treatment of Trachoma.
- iv) Homatropine is the shortest acting mydriatic.
- v) Antihistamines are used as antibiotic.
- vi) Cytomegalovirus causes Interstitial Keratitis.
- vii) Pilocarpine is use for treatment of glaucoma.
- viii) All cycloplegic drugs are mydriatics.
- ix) Arteriosclerosis can cause embolism.
- x) Ophthalmia Neonatorum is caused by streptococci.

Signature of invigilator: _____

Signature of examiner: _____

Marks Obtained:

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Max. Marks : **50**

N.B.:

- 1) There are **THREE** sections as-
Section –A = Objectives types questions = 20 marks.
Section – B = Long questions = 20 marks.
Section –C = Short questions = 30 marks.
- 2) **Section –A** is given on a **separate** sheet and has to be answered on the starting of the examination. This sheet with **Section –A** only will be collected by the Supervisor.
- 3) **Section –B** has 3 long questions and **Any TWO** questions have to be answered on the separate answer sheet.
- 4) **Section –C** has short questions **Any FIVE** questions have to be answered on the **separate** answer sheet.
- 5) Draw neat labeled diagram wherever necessary.

Seat No. _____

Date: _____

SECTION-B

- Q.2** Answer in detail any **TWO** of the following: **(20)**
- i) Tabulate parasympathomimatic drugs with their onset, action, duration and adverse effects.
 - ii) What are various methods of sterilization and disinfection in laboratory and hospital?
 - iii) Write a note on Inflammation and Repair.

SECTION-C

- Q.3** Write short note on any **FIVE** of the following: **(30)**
- i) Difference between Malignant and Benign Tumors.
 - ii) Write a note on Embolism.
 - iii) Write a note on Miotic drugs.
 - iv) Explain the various routes of drug administration.
 - v) Write a short note on Tuberculosis.
 - vi) Write about difference between lepromatous and Tuberculoid leprosy

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