

I-B.Optom-Sem-II: SUMMER-2018

SUBJECT : RELATED SCIENCES

Day : Monday
Date : 30-04-2018

Time : -
Max. Marks : 20

S-2018-3561

N.B.:

Section – A is given on a separate sheet and has to be answered on the **SAME** sheet. This sheet 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) Type E ADR is seen after _____.
- ii) If liver function is impaired, then _____ is hampered.
- iii) Adrenaline is a _____ drug.
- iv) Atropine has _____ duration of action.
- v) Vitamin _____ deficiency causes night blindness.
- vi) In FFA _____ dye is used.
- vii) _____ virus infection develops dendritic ulcer.
- viii) β Blockers are not prescribed for glaucoma patients having _____.
- ix) _____ shaped bacteria are known as cocci.
- x) Gram staining divides bacteria in _____ and _____ bacteria.

B) State true or false: [10]

- i) Virus is a true cell.
- ii) Amoeba is a Protozoa.
- iii) Rose Bengal stain is used to stain the devital cells or tissue.
- iv) Herpes Zoster is a fungus.
- v) Tuberculosis is a viral infection.
- vi) Blood flow through the wound is controlled due to Thrombosis.
- vii) Leukemia means number of abnormal WBCs is high in number.
- viii) Atropine is mild cycloplagic.
- ix) Bactericidal work means by destroying the organism.
- x) Pilocarpine increases out flow of Aqueous Humor

Signature of the Invigilator

Total Marks Obtained: _____

Signature of the Examiner

I -B.OPTOM. SEM – II : SUMMER - 2018

SUBJECT : RELATED SCIENCES

Day : **Monday**
Date : **30/04/2018**

S-2018-3561

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 50

N.B.:

- 1) There are **THREE** sections as –
Section – A = Objectives types questions
Section – B = Long questions
Section – C = Short questions
 - 2) **Section – A** is given on a separate sheet and 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.
 - 3) **Section – B** has 3 long questions and **ANY TWO** questions have to answer on the separate answer sheet.
 - 4) **Section – C** has short questions and **ANY FIVE** questions have to be answered on the separate answer sheet.
 - 5) Draw neat and labeled diagram **WHEREVER** necessary.
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SECTION – B

Q.2 Answer **ANY TWO** of the following: **[20]**

- a) What are microorganisms? Write note on classification of microorganisms and their differentiation.
- b) Define Inflammation and explain in detail.
- c) Write in detail about the drugs acting on ANS.

SECTION – C

Q.3 Write short notes on **ANY FIVE** of the following: **[30]**

- a) Classification of drugs used in eye
- b) Structure of Bacteria with diagram
- c) Absorption of drugs
- d) Routes of ocular drug administration
- e) Infection
- f) Dose response relationships

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