

I-B.OPTOM- SEM-II :WINTER-2017

SUBJECT : RELATED SCIENCES

Day : Tuesday
Date : 28-11-2017

W-2017-3471

Time : —
Max. Marks : 20

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) Acyclovir is _____ drug.
 - ii) First cell to appear in an inflammatory response is _____.
 - iii) AIDS is caused by _____.
 - iv) IV mannitol is given in treatment of _____ glaucoma.
 - v) Ophthalmia Neonatorum is caused by _____.
 - vi) Primary focus in tuberculosis is called _____.
 - vii) Leprosy is caused by _____.
 - viii) _____ drug causes Steven Johnson syndrome.
 - ix) Miconazole is an example of _____ drug.
 - x) Formation of new blood vessels during repair is called _____.
- B) State true or false: [05]**
- i) Gram positive bacteria stain pink.
 - ii) Autoclaving is a type disinfection method.
 - iii) Steroids are always indicated in corneal ulcers.
 - iv) Tropicamide is shortest acting mydriatic.
 - v) Anemia is caused due to deficiency of Vitamin B₁₂.
- C) Match the following: [05]**
- | | |
|-------------------------|---|
| i) Cytomegalovirus | a) Interstitial Keratitis |
| ii) Streptococci | b) Chronic Angular Blepharoconjunctivitis |
| iii) Triponima Pallidum | c) Rheumatic fever |
| iv) Rubella | d) Peripheral Retinitis |
| v) Moraxella Lacunata | e) Blindness, deafness |

Signature of the Invigilator

Total Marks Obtained: _____

Signature of the Examiner

I -B.OPTOM. SEM – II : WINTER - 2017

SUBJECT : RELATED SCIENCES

Day : **Tuesday**
Date : **28/11/2017**

Time : **02.00 PM TO 05.00 PM**
Max. Marks : 50

W-2017-3471

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 is sterilization and disinfection? Describe methods of sterilization and disinfection.
- b) Write in detail about antiglaucoma drugs.
- c) Write in detail inflammation and repair.

SECTION – C

Q.3 Answer **ANY FIVE** of the following: **[30]**

- a) Stains and Dyes in ophthalmic practice.
- b) Differences between Malignant and Benign tumors.
- c) Write about common viral infections of eye.
- d) Write a short note on commonly used steroids for ocular conditions.
- e) Write indications and side effects of cycloplegics.
- f) Write a note on embolism.

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