

III -B.OPTOM. SEM - VI : SUMMER - 2018

SUBJECT : CONTACT LENSES – II

Day : **Saturday**
Date : **07/04/2018**

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 70

S-2018-3572

N.B.:

- 1) There are **THREE** sections as.
Section A = Objectives type questions
Section B = Long questions
Section C = Short questions
- 2) **Section A** is given on **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 be answered 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 diagrams **WHEREVER** necessary.

SECTION – B

Q.3 Attempt **ANY TWO** of the following: **[20]**

- i) What are the indications of soft toric lens? What are various ways to stabilize them?
- ii) Write in brief about silicon hydrogel contact lens.
- iii) What parameters will you select to fit trial soft contact lens? Tabulate the details of fitting assessment of soft contact lenses in steep, optimum and tight fit.

SECTION – C

Q.4 Attempt **ANY FIVE** of the following: **[30]**

- i) List all the lens care system available in India.
- ii) List down the types of deposits occurring on soft contact lens surface and how will you manage the condition.
- iii) How are disposable better than conventional lenses? Are there any disadvantages of disposable lenses?
- iv) Explain CAAS method in toric lens fitting with example.
- v) Write a note on Hydrogen Peroxide System.
- vi) Differentiate monovision and presbyopic (Bifocal or Mutlifocal) contact lens.
- vii) Write a note on CLPC and how will you manage?

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III- B.OPTOM.SEM-VI: SUMMER-2018

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Note : Section – A is given on a **SEPARATE** sheet and has to be answered on the same sheet. The 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 : 07-04-2018

SECTION – A

Q.1 Fill in the blanks: **[10]**

- i) In push up test for assessing the tightness of lens, 100% represents _____.
- ii) _____ is present as a UV blocker in Johnson and Johnson Contact lens.
- iii) Increasing the diameter of soft contact lens causes _____ fit.
- iv) _____ and _____ systems are used to describe centration of soft contact lens.
- v) Lenses that are intended to wear without removal for upto 30 days are referred to _____ modality.
- vi) Thinning of lens on superior and inferior areas is feature of _____ toric lens stabilization design.
- vii) CLPU is caused due to _____ type of bacteria.
- viii) Corneal transparency depends on ordered management of _____.
- ix) Rudko classification grade 3 is _____.
- x) Expand CLARE _____.

Q.2 A) State true or false: **[05]**

- i) Engravings in toric lenses indicate the axis of cylinder.
- ii) For every 0.5 mm increase soft lenses diameter we should decrease 0.05mm Base Curve to maintain the same fitting characteristics.
- iii) Piggyback contact lens contains RGP contact lens over soft contact lens.
- iv) If a lens is too steep, vision is blurred immediately after a blink.
- v) Munson's sign is seen in keratoconus condition.

P.T.O.

B) Answer the following:

[05]

Product Name	Name
Acuvue oasys for Astigmatism	_____
Soft lens 59	_____
Biofinity	_____
Pure vision – 2	_____
Acuvue clear	_____

Signature of the Invigilator

Total Marks Obtained: _____

Signature of the Examiner

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