

III - B. OPTOMETRY SEM - VI : SUMMER · 2022
SUBJECT : APPLIED CLINICAL OPTOMETRY

S-853-2022

Note : Section – A is given 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.

Seat No.: _____

Day : Wednesday

Date : 13-07-2022

SECTION – A

Q.1 **Fill in the blanks** with suitable answer. **(10)**

- a) As age increases the astigmatism changes from _____
- b) The applied science for adjusting work to man is known as _____
- c) Pseudomyopia is an indication of _____
- d) _____ Drugs decreases tear production.
- e) _____ Radiation of electromagnetic spectrum has shortest wavelength.
- f) The type of astigmatism commonly seen in young individual is _____
- g) Photodynamic therapy is most commonly used in the treatment of _____
- h) During chemical injury _____ agent causes maximum damage.
- i) Television remote used _____ radiation.
- j) The dynamic visual acuity is important in _____ type of sports.

Q.2 **State True Or False** (if false give reasons) **(10)**

- a) We can eliminate CVS by use of LCD monitors over CRT monitors.
- b) Personal protective equipment's is not required in for hockey players.
- c) Posterior polar cataract is seen in U.V. exposer.
- d) UV protective contact lenses have better eye protection as compared to UV blocking spectacle lenses.
- e) Asthenopic symptoms are very common in computer user.
- f) Vigorous irrigation of eye is the first step of management in penetrative injury.
- g) Crown glass lenses have a highest impact resistance.
- h) The commonest aging change in cornea is madarosis.
- i) Acid causes most dangerous and severe damage to eye.
- j) Raket sport is the most common cause of sport related injury.

Marks Obtained _____

Signature of Invigilator : _____

Signature of Examiner : _____

P.T.O.

BACHELOR OF CLINICAL OPTOMETRY
III-B. Optometry Sem-VI :SUMMER- 2022
SUBJECT : APPLIED, CLINICAL OPTOMETRY

Day : Wednesday
Date : 13-07-2022

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Time : 02:00 PM-05:00 PM
Max. Marks : 50

N.B.

- 1) There are THREE sections as
Section – A = Objective type 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 same the examination. 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 **SEPARATE** answer sheet.
- 4) **Section – C** has short questions and **ANY FIVE** questions have to be answered on **SEPARATE** answer sheet.
- 5) Draw neat labeled diagram wherever necessary.

SECTION – B

Answer **ANY TWO** of the following : **(20)**

1. Write the indications of different types of personal protective equipment's in five different occupations.
2. Write in detail on computer vision syndrome and management.
3. Age related macular degeneration.

SECTION – C

Write in short **ANY FIVE** of the following: **(30)**

1. Define occupational optometry and explain the duties of occupations optometrist.
2. Age related changes in the anterior segment of eye.
3. Properties of an ideal protective devices.
4. Effects of IR exposure on eye.
5. Discuss electromagnetic spectrum.
6. Various theory related to ageing.

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