

III - B. Optom - Sem - VI : SUMMER - 2019

SUBJECT: APPLIED, CLINICAL OPTOMETRY

Day: Wednesday
Date: 27-03-2019

Time: -
Max. Marks: 20

S-2019-4016

N.B.:

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.

SECTION-A

Q.1 Encircle the correct answer : **(05)**

- a) Which is ideal distant visual acuity chart used in preschool children?
- | | |
|--------------------|---------------------------|
| i) Snellen's Chart | iii) Cardiff acuity cards |
| ii) Log -MAR chart | iv) Allen picture cards |
- b) Which is the commonest ageing change in iris?
- | | |
|------------------------|---------------------------|
| i) Iris Atrophy | iii) Loss of iris pattern |
| ii) Pseudo exfoliation | iv) Neovascularisation |
- c) Which electrophysiological test is used to assess visual acuity in infants?
- | | |
|---------|--------------------------|
| i) ERG | iii) EOG |
| ii) VEP | iv) Laser interferometry |
- d) Teller acuity is an example of
- | | |
|----------------------------------|--------------------------------|
| i) Electrophysiological test | iii) Preferential looking test |
| ii) Optotype identification test | iv) None |
- e) WHO definition of blindness is
- | | |
|----------------------------|-------------------------------|
| i) Vision 20/200 or worse | iii) Vision worse than 20/400 |
| ii) Vision 20/400 or worse | iv) NOPL |

Q.2 State **TRUE** or **FALSE** (if false give reason) : **(05)**

- a) Snow flake cataract is due to diabetes.
- b) Cataract surgery can lead to vitreous opacification.
- c) Blindness in wet ARMD is due to retinal neovascularisation.
- d) Congenital colour vision deficiency is always a blue-green deficiency.
- e) Wrestlers don't need any kind of protective equipments.

P.T.O.

Q.3 Filling the Blanks:

(10)

- a) 20/20/20 in CVS are _____, for _____ after _____.
- b) Lipid layer of tear film _____ in old age.
- c) Hamerlopia is seen in _____ cataract and senile miosis in old age is due to _____.
- d) The dynamic visual acuity is important in _____ type of sports.
- e) The white reflex seen in an infant eye can be an indication of _____.
- f) Commonest ageing changes in eye lashes are _____.
- g) Prolong exposure to infra-red radiation causes _____.
- h) Vitreous liquefaction is also known as _____.
- i) Definition of ergonomics is _____.
- j) Tubular vision is seen in _____, _____ and _____.

Marks Obtained: _____

Signature of Invigilator: _____

Signature of Examiner: _____

III -B.OPTOM. SEM - VI : SUMMER - 2019
SUBJECT: APPLIED, CLINICAL OPTOMETRY

Day: Wednesday
Date: 27/03/2019

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

S-2019-4016

N.B.:

- 1) There are **THREE** sections as
Section- A = Objective 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 same sheet. This sheet should be completed within the first 30 minutes of starting or the examination. This sheet with Section-A only will be collected by the supervisor.
- 3) **Section-B** has 3 long questions and attempt **ANY TWO** questions have to answer on **SEPARATE** answer sheet.
- 4) **Section -C** has short questions and attempt **ANY TWO** questions have to be answered on **SEPARATE** answer sheet.
- 5) Draw neat labeled diagram **WHEREVER** necessary.

SECTION-B

Q.4 Answer **ANY TWO** of the following: **(20)**

- a) Discusses about two emergency eye conditions where copious amount of water is the first line of treatment at the site of accident.
- b) Discusses the problem and solution of the VDT work station.
- c) What is leucokoria? Write about the differential diagnosis of leucokoria.

SECTION-C

Q.5 Write **ANY FIVE** of the following: **(30)**

- a) List out different types of protective fitters with their uses.
- b) Write about various effects of UV and IR radiation on eye.
- c) Write about the age related anterior segment changes.
- d) Discusses the visual developmental scale from birth to seven year of age in human.
- e) Write a note on Ectopia lentis.
- f) Write about the indication of contact lens in children below 10 years of age.

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