

I-B optom-sem-II . SUMMER-2018

SUBJECT : OPHTHALMIC OPTICS

S-2018-3562

Note : Section A is given on a separate sheet and has to be answered on the same sheet.
This sheet should be completed with the first 30 minutes of the starting of the
examination. This sheet with Section -A only will be collected by the supervisor.

Seat No. _____

Date : Wednesday. 02-05-2018

SECTION-A

Q.1 Fill in the blanks. (10)

- 1) Decimal value of $6/36$ is _____
- 2) LASER used to perform LASEK surgery is _____
- 3) Pseudophakia is a term applied when _____
- 4) Aniseikonia is a term applied when _____
- 5) _____ is not the refractive error but patient have problems or difficulty to read in this condition.
- 6) Retinal tear can be a complication seen in _____ refractive error.
- 7) Angle α is the angle formed between _____ and _____
- 8) Higher Magnification is available in _____ Telescope.
- 9) Amount of Hypermetropia overcome by effort of accommodation is called _____.
- 10) At birth _____ type of refractive error is commonly seen in babies.

Q.2 Match the following (05)

- | | |
|-----------------|----------|
| 1) Lens Nucleus | a) 1.336 |
| 2) Cornea | b) 1.406 |
| 3) Vitreous | c) 1 |
| 4) Lens Cortex | d) 1.386 |
| 5) Air | e) 1.376 |

Q.2 State True or False (if false give reason) (05)

- 1) MAR is stated as Maximum angle of Resolution.
- 2) Astigmatism can occur due to axial length changes only.
- 3) Spherical equivalent value resembles with position of circle of least confusion.
- 4) Pupil size and Depth of focus are inversely proportional entities.
- 5) Spectacle is the best mode of treatment in case of axial type of Myopic refractive errors.

Total Marks Obtained : _____

Signature of the Invigilator

Signature of the Examiner

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