



BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – B.Optomety-2021
Course Name – Contact Lens–II
Course Code - BOPTOC601
(Semester VI)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Name the layer of cornea which is primarily responsible for maintaining corneal shape and stability.
 - a) Epithelium
 - b) Stroma
 - c) Bowman's Membrane
 - d) Endothelium
- (ii) Choose the correct method among the following which contributes in maintaining corneal transparency
 - a) by removing excess tears away from the cornea
 - b) by pumping water out of the cornea
 - c) by facilitating the flow of nutrients to the cornea
 - d) by regulating the production of mucus on the corneal surface
- (iii) Choose the flattest base curve measured among the following
 - a) 8.2 mm
 - b) 9.0 mm
 - c) 8.6 mm
 - d) 8.8 mm
- (iv) Indicate the common clinical indications for using RGP contact lens among the following
 - a) dry eye syndrome
 - b) severe astigmatism
 - c) presbyopia
 - d) corneal ulcers
- (v) Match the correct wearing time which is generally recommended at the time of wearing RGP lens .
 - a) 8-10 hours per day
 - b) 12-14 hours per day
 - c) 16-18 hours per day
 - d) 20-24 hours per day
- (vi) Select the correct option from the following: RGP lenses usually corrects vision by _____.
 - a) reshaping the cornea
 - b) by magnifying the images
 - c) by adjusting the pupil size
 - d) by enhancing tear film production

7. Write about the potential advantages and disadvantages due to Paediatric contact lens wear. (5)
8. Tabulate the Hydrophobic RGP CL Group according to FDA. (5)
9. Infer about the influence of tear production and tear film stability in case of RGP lens material and design? (5)
10. Illustrate the ocular changes observed in case of Dimple Veiling . (5)
11. Summarise about the potential adaptation periods and follow-up appointments during the pre-fitting assessment of RGP contact lenses? (5)
12. Explain RGP CL surface Crazing with respect to the various forms of RGP CL materials. (5)

OR

What ocular problems are explained when contact lens flexure is present? (5)
