

Seat No.: _____

Enrolment No. _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc. Med. Sci., April 2023 Examination.

Year: 2

Date: 04/04/2023

Subject code: 19110202

Time: 10:00am to 10:45 am

**Subject Name: OM MOD-2 Ophthalmic and optical
instrumentation and procedures**

Total Marks: 30

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

Q.1: Definition (any 5 out of 6) (Each 1 Mark) 05

- (i) Transposition
- (ii) Pachymetry
- (iii) Full form of OCT
- (iv) Use of Lensometer
- (v) Fullform of PALS
- (vi) Use of keratometer

Q.2: Short question (any 5 out of 6) (Each 2 Mark) 10

- (i) Name instruments for IOP measurement
- (ii) Give uses of fluorescein in ophthalmology
- (iii) Give uses of prisms in ophthalmology
- (iv) Fullform of AR and its uses
- (v) Diagram and uses of stenopic slit
- (vi) Transpose- 1) $-1.00/-1.00 \times 10$, 2) $+2.00/-2.00 \times 20$

Q.3: Long question (any 3 out of 4) (Each 5 Mark) 15

- (i) SN on retinoscopy
- (ii) SN on subjective refraction
- (iii) SN on objective refraction
- (iv) SN on lensometry