

National Board of Examinations

Question Paper Name : DNB Ophthalmology Paper1
Subject Name : DNB Ophthalmology Paper1
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718744129 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

| Question Number | Answer to be attempted within | Question Number | Answer to be attempted within |
|-----------------|-------------------------------|-----------------|-------------------------------|
| Q. 1 | Page 1-5 | Q. 6 | Page 26-30 |
| Q. 2 | Page 6-10 | Q. 7 | Page 31-35 |
| Q. 3 | Page 11-15 | Q. 8 | Page 36-40 |
| Q. 4 | Page 16-20 | Q. 9 | Page 41-45 |
| Q. 5 | Page 21-25 | Q. 10 | Page 46-50 |

1. a) Anatomy of angle of the anterior chamber. [5]
- b) Embryology of crystalline lens of eye. [5]

Question Number : 2 Question Id : 32718744130 Consider As Subjective : Yes

- a) Describe in detail about precorneal tear film and its functions. [5]
- b) Describe in detail Sturm's conoid and its clinical significance. [5]

Question Number : 3 Question Id : 32718744131 Consider As Subjective : Yes

- a) Pupillary pathway lesions. [5]
- b) Anatomy of limbus and its clinical significance. [5]

Question Number : 4 Question Id : 32718744132 Consider As Subjective : Yes

- a) Describe various factors responsible for normal intraocular pressure of eyeball. [5]
- b) Write in brief about various carbonic anhydrase inhibitors used in glaucoma patients. [5]

Question Number : 5 Question Id : 32718744133 Consider As Subjective : Yes

- a) Describe various illumination techniques used in slit lamp biomicroscopy. [5]
- b) Visual Evoked Potential and its role in eye diseases. [5]

Question Number : 6 Question Id : 32718744134 Consider As Subjective : Yes

- a) Describe in detail about blood retinal barrier. [5]
- b) Write detail about the anatomy of ciliary ganglion and its relationship with pupillary reactions. [5]

Question Number : 7 Question Id : 32718744135 Consider As Subjective : Yes

- a) Cholinergic agents used in Ophthalmology. [5]
- b) Describe the anatomy of the lacrimal drainage system. [5]

Question Number : 8 Question Id : 32718744136 Consider As Subjective : Yes

- a) Describe in brief the anatomy of cavernous sinus. [5]
- b) Assessment of binocular diplopia. [5]

Question Number : 9 Question Id : 32718744137 Consider As Subjective : Yes

- a) Various stains used for corneal disorders. [5]
- b) Describe in detail about the elevators of the eye lid. [5]

Question Number : 10 Question Id : 32718744138 Consider As Subjective : Yes

- a) Describe the microbial flora of the eye with its clinical significance. [5]
- b) Discuss briefly blood supply of the retina. [5]