

**BVDUMC, Pune**  
**Dept. of Ophthalmology**  
**BVDUMC, Pune**  
**Dept. of Ophthalmology**

Final Exam January 2022 Admission 2017 (VI Semester )

**March 2021**

Sr. No	Date	Topic	SLOS	Faculty
1	16/03/2021 (Tuesday) 2pm To 3 Pm	Introduction & Anatomy of the eye embryology	<ul style="list-style-type: none"> <li>a) Anatomy of the eye</li> <li>b) Draw diagram of the cross section eye ball and label accurately its various parts.</li> <li>c) Describe various parts of eye ball and their functions</li> <li>d) Vascular and nervous supply to the eye</li> <li>e) Embryology of the eye</li> </ul>	Dr. Meghana Panse
2	18/03/2021 (Thursday) 3pm To 4 Pm	Physiology of vision <ul style="list-style-type: none"> <li>➤ Vision</li> <li>➤ Color vision</li> <li>➤ Binocular single vision</li> </ul>	<ul style="list-style-type: none"> <li>a) Name the types of vision</li> <li>b) Enumerate the tests for vision</li> <li>c) Enumerate the types of visual pigments</li> <li>d) Describe the bleaching cascade</li> <li>e) Name the theories of colour vision</li> <li>f) Name the tests for colour vision</li> <li>g) Mention the grades of Binocular Single Vision</li> </ul>	Dr. Meghana Panse
3	23/03/2021 (Tuesday) 2pm To 3 Pm	Ocular Symptomatology		Dr. Deepa Muzumdar
4	25/03/2021 (Thursday) 3pm To 4 Pm	Examination of the eye	Systematic examination of the eye and adnexa	Dr. Varsha Kulkarni
5	30/03/2021 (Tuesday) 2pm To 3 Pm	Refractive errors – I <ul style="list-style-type: none"> <li>➤ Emmetropia</li> <li>➤ Myopia</li> <li>➤ Hypermetropia</li> </ul>	<ul style="list-style-type: none"> <li>• Define emmetropia</li> <li>• Describe the optics of the emmetropic eye</li> <li>• Define Myopia</li> <li>• Draw a ray diagram of myopia</li> <li>• Classify myopia</li> <li>• Mention 4 features of pathological myopia</li> <li>• Discuss the treatment modalities of myopia</li> <li>• Define Hypermetropia</li> <li>• Draw a ray diagram of hypermetropia</li> <li>• Classify Hypermetropia</li> <li>• Mention the treatment modalities of hypermetropia</li> </ul>	Dr. Meghana Panse

Final Exam January 2022 Admission 2017 (VI Semester )  
April 2021

Sr. No	Date	Topic	SLOS	Faculty
1	01/04/2021 (Thursday) 3pm To 4pm	Refractive errors – I ➤ Emmetropia ➤ Myopia ➤ Hypermetropia	<ul style="list-style-type: none"> <li>• Define emmetropia</li> <li>• Describe the optics of the emmetropic eye</li> <li>• Define Myopia</li> <li>• Draw a ray diagram of myopia</li> <li>• Classify myopia</li> <li>• Mention 4 features of pathological myopia</li> <li>• Discuss the treatment modalities of myopia</li> <li>• Define Hypermetropia</li> <li>• Draw a ray diagram of hypermetropia</li> <li>• Classify Hypermetropia</li> <li>• Mention the treatment modalities of hypermetropia</li> </ul>	Dr. Meghana Panse
2	06/04/2021 (Tuesday) 2pm To 3pm	Refractive errors – II ➤ Astigmatism ➤ Presbyopia ➤ Aphakia/pseudophakia ➤ Retinoscopy	<ul style="list-style-type: none"> <li>• Define astigmatism</li> <li>• Mention the classification of astigmatism</li> <li>• Draw a ray diagram of types of astigmatism</li> <li>• Draw and explain the Sturm's conoid</li> <li>• Discuss the management of astigmatism</li> <li>• Define presbyopia</li> <li>• Discuss the treatment modalities of Presbyopia</li> <li>• Define Aphakia</li> <li>• Enumerate the ocular signs of Aphakia</li> <li>• Enumerate the 3 modes of Aphakia correction</li> <li>• Enumerate advantages and disadvantages of each mode of aphakic correction</li> <li>• Define anisometropia and aniseikonia</li> </ul>	Dr. Agrawal
	13/04/2021 (Tuesday)		Holiday (Gudi Padwa)	
3	15/04/2021 (Thursday) 3pm To 4pm	Test (MCQs and short answer questions)	<ul style="list-style-type: none"> <li>• Anatomy, physiology and refractive errors</li> </ul>	Dr. Purva
4	20/04/2021 (Tuesday) 2pm To 3pm	Conjunctiva – I ➤ Anatomy and functions ➤ Classification of conjunctivitis ➤ Bacterial conjunctivitis ➤ Viral conjunctivitis	<ul style="list-style-type: none"> <li>• Enumerate the 5 parts of conjunctiva</li> <li>• Enumerate functions of conjunctiva</li> <li>• Enumerate the differences between conjunctival and ciliary congestion</li> <li>• Classify conjunctivitis Enumerate 3 signs of each type of conjunctivitis.</li> <li>• Mention the Etiology of bacterial conjunctivitis</li> <li>• Describe the symptoms and signs of bacterial conjunctivitis</li> <li>• Discuss the treatment of bacterial conjunctivitis</li> <li>• Mention the etiopathogenesis and management of Ophthalmia neonatorum</li> <li>• Discuss clinical features and management of viral conjunctiviti</li> </ul>	Dr. Meghana Panse
5	27/04/2021 (Tuesday) 2pm To 3pm	Conjunctiva – II ➤ Trachoma ➤ Allergic conjunctivitis ➤ Degenerations of conjunctiva	<ul style="list-style-type: none"> <li>• Describe the clinical features , classification complications ,management and prophylaxis of trachoma</li> <li>• Describe the clinical features and management of Inclusion conjunctivitis</li> <li>• Enumerate the types of allergic conjunctivitis.</li> <li>• Discuss symptoms and signs of allergic conjunctivitis</li> <li>• Classify groups of drug used in used allergic conjunctivitis with their mechanism of action in detail</li> <li>• Define Pterygium. Discuss the Etiopathogenesis clinical</li> </ul>	Dr. Meghana Panse

			<p>features and management of Pterygium</p> <ul style="list-style-type: none"> <li>• Discuss etiology ,clinical features and management of conjunctival xerosis</li> </ul>	
6	29/04/2021 (Thursday) 3pm To 4pm	<p>Cornea – I</p> <ul style="list-style-type: none"> <li>➤ Anatomy Of The Cornea</li> <li>➤ Transparency Of Cornea</li> <li>➤ Methods of examination of cornea</li> </ul>	<ul style="list-style-type: none"> <li>• Draw diagram of cross section of cornea and label its 5 layers.</li> <li>• Enumerate causes of corneal transparency.</li> <li>• Function of cornea</li> <li>• Describe various methods of assessment of cornea</li> </ul>	
			<ul style="list-style-type: none"> <li>•</li> </ul>	

**BVDUMC Pune-43 Department of Ophthalmology**  
Clinical Teaching programme for Under Graduate Student

**VI Semester (four weeks posting) Batch D**

<b>Sr</b>	<b>Date</b>	<b>Topic</b>	<b>Faculty</b>
1	15/03/2021 (Monday)	History taking /symptomatology	Dr. Deepa Muzumdar
2	16/03/2021 (Tuesday)	Examination of the eye I	Dr. Varsha Kulkarni
3	17/03/2021 (Wednesday)	<b>Refractive errors</b> <ul style="list-style-type: none"> <li>• Visual acuity (with and without Pin hole)</li> <li>• Retinoscopy</li> <li>• Autorefractometer</li> <li>• Stenopic slit</li> <li>• Subjective correction</li> <li>• Duochrome test</li> <li>• Lenses</li> <li>• Mydriatics and cycloplegics</li> </ul>	Dr. Meghana Panse
4	18/03/2021 (Thursday)	<b>Lid</b> <ul style="list-style-type: none"> <li>• Styne</li> <li>• Chalazion</li> <li>• Entropion</li> <li>• Ectropion</li> <li>• Ptosis</li> <li>• Surgical videos and instruments</li> </ul>	Dr. Tejaswini Khandgave
5	19/03/2021 (Friday)	<b>Conjunctiva</b> <ul style="list-style-type: none"> <li>• Infective and allergic conjunctivitis</li> <li>• Pterygium</li> <li>• Surgical videos and instruments</li> </ul>	Dr. Nandini Ramchandran
6	20/03/2021 (Saturday)	Acute red eye case discussion	Dr. Sanjiv Agrawal
7	22/03/2021 (Monday)	<b>Precorneal tear film assessment</b> <ul style="list-style-type: none"> <li>• Tests for dry eye</li> <li>• Fluorescein strip</li> <li>• Schermers strip</li> <li>• Rose Bengal strip</li> </ul>	Dr. Deepa Muzumdar
8	23/03/2021 (Tuesday)	<b>Case presentation - Corneal ulcer I</b> History talking and Examination of case and management	Dr. Varsha Kulkarni
9	24/03/2021 (Wednesday)	<b>Case presentation -Corneal ulcer II</b> History talking and Examination and management of case <ul style="list-style-type: none"> <li>• Complications of corneal ulcer</li> <li>• Antibiotics, antiviral and antifungal agents</li> <li>• cycloplegics</li> </ul>	Dr. Meghana Panse
10	25/03/2021 (Thursday)	<b>Case presentation - iridocyclitis</b> History talking and Examination and management <ul style="list-style-type: none"> <li>• Steroids and NSAIDS</li> </ul>	Dr. Tejaswini Khandgave
11	26/03/2021 (Friday)	<b>Case presentation -Cataract I</b> ( examination of a cataract case)	Dr. Nandini Ramchandran
12	27/03/2021 (Saturday)	<b>Case presentation -Cataract II</b> -Pre-Operative preparation for Cataract surgery <ul style="list-style-type: none"> <li>• IOP</li> <li>• Sac syringing</li> <li>• A scan Biometry</li> <li>• Lab investigations</li> <li>• Preop preparation of patient(consent, xylocain sensitivity</li> </ul>	Dr. Sanjiv Agrawal

		test, dilatation of pupil	
13	<b>29/03/2021</b>	<b>Dhulivandan Holiday</b>	
14	<b>30/03/2021</b> <b>(Tuesday)</b>	<b>Surgical management of cataract III</b> (live demo - operation theatre) <ul style="list-style-type: none"> <li>• IOLs</li> <li>• Surgical instruments for cataract surgery</li> </ul>	<b>Dr. Varsha Kulkarni</b>
15	<b>31/03/2021</b> <b>(Wednesday)</b>	<b>Case presentation -Post operative management and complications of cataract IV</b>	<b>Dr. Meghana Panse</b>
16	<b>01/04/2021</b> <b>(Thursday)</b>	<b>Case presentation -Pseudophakia/Aphakia</b> History talking and Examination and management	<b>Dr. Tejaswini Khandgave</b>
17	<b>02/04/2021</b> <b>(Friday)</b>	<b>Case presentation -Glaucoma</b> History talking and Examination and management se <ul style="list-style-type: none"> <li>• IOP</li> <li>• Gonioscopy</li> <li>• Perimetry</li> <li>• Fundus photographs</li> <li>• OCT</li> <li>• Antiglaucoma drugs</li> </ul>	<b>Dr. Nandini Ramchandran</b>
18	<b>03/04/2021</b> <b>(Saturday)</b>	<b>Retina examination and investigations</b> <ul style="list-style-type: none"> <li>• Direct and indirect Ophthalmoscopes</li> <li>• OCT, Fundus Camera</li> </ul>	<b>Dr. Sanjiv Agrawal</b>
19	<b>05/04/2021</b> <b>(Monday)</b>	<b>Case presentation - Dacryocystitis</b> History talking and Examination and management e <ul style="list-style-type: none"> <li>• DCT and DCR</li> <li>• Surgical videos</li> <li>• Surgical instruments</li> </ul>	<b>Dr. Deepa Muzumdar</b>
20	<b>06/04/2021</b> <b>(Tuesday)</b>	<b>Squint Examination</b> <ul style="list-style-type: none"> <li>• Ocular movements</li> <li>• Cover test</li> <li>• Prism bar cover test</li> <li>• Worth four dot test</li> <li>• Maddox rod test</li> <li>• Diplopia charting</li> <li>• Synaptophore</li> </ul>	<b>Dr. Varsha Kulkarni</b>
21	<b>07/04/2021</b> <b>(Wednesday)</b>	<b>Ocular therapeutics</b>	<b>Dr. Meghana Panse</b>
22	<b>08/04/2021</b> <b>(Thursday)</b>	<b>Optics</b>	<b>Dr. Tejaswini Khandgave</b>
23	<b>09/04/2021</b> <b>(Friday)</b>	<b>Surgical instruments</b>	<b>Dr. Nandini Ramchandran</b>
24	<b>10/04/2021</b> <b>(Saturday)</b>		<b>Dr. Sanjiv Agrawal</b>
25	<b>12/04/2021</b> <b>(Monday)</b>	<b>Posting ending Assessment</b>	<b>Dr. Deepa Muzumdar</b>
26	<b>14/04/2021</b> <b>(Wednesday)</b>	<b>Posting ending Assessment</b>	<b>Dr. Meghana Panse</b>

**Morning Clinics**

<b>Monday</b>	<b>Dr. Deepa Muzumdar</b>
<b>Tuesday</b>	<b>Dr. Varsha Kulkarni</b>
<b>Wednesday</b>	<b>Dr. Meghana Panse</b>
<b>Thursday</b>	<b>Dr. Tejaswini Khandgave</b>
<b>Friday</b>	<b>Dr. Nandini Ramchandran</b>
<b>Saturday</b>	<b>Dr. Sanjiv Agrawal</b>

**BVDUMC Pune-43 Department of Ophthalmology**  
Clinical Teaching programme for Under Graduate Student

**VI Semester (four weeks posting) Batch C**

<b>Sr</b>	<b>Date</b>	<b>Topic</b>	<b>Faculty</b>
1	15/04/2021 (Thursday)	History taking /symptomatology	Dr. Tejaswini Khandgave
2	16/04/2021 (Friday)	Examination of the eye I	Dr. Nandini Ramchandran
3	17/04/2021 (Saturday)	<b>Refractive errors</b> <ul style="list-style-type: none"> <li>• Visual acuity (with and without Pin hole)</li> <li>• Retinoscopy</li> <li>• Autorefractometer</li> <li>• Stenopic slit</li> <li>• Subjective correction</li> <li>• Duochrome test</li> <li>• Lenses</li> <li>• Mydriatics and cycloplegics</li> </ul>	Dr. Sanjiv Agrawal
4	19/04/2021 (Monday)	<b>Lid</b> <ul style="list-style-type: none"> <li>• Stye</li> <li>• Chalazion</li> <li>• Entropion</li> <li>• Ectropion</li> <li>• Ptosis</li> <li>• Surgical videos and instruments</li> </ul>	Dr. Deepa Muzumdar
5	20/04/2021 (Tuesday)	<b>Conjunctiva</b> <ul style="list-style-type: none"> <li>• Infective and allergic conjunctivitis</li> <li>• Pterygium</li> <li>• Surgical videos and instruments</li> </ul>	Dr. Varsha Kulkarni
6	21/04/2021 (Wednesday)	<b>Acute red eye case discussion</b>	Dr. Meghana Panse
7	22/04/2021 (Thursday)	<b>Precorneal tear film assessment</b> <ul style="list-style-type: none"> <li>• Tests for dry eye</li> <li>• Fluorescein strip</li> <li>• Schermers strip</li> <li>• Rose Bengal strip</li> </ul>	Dr. Tejaswini Khandgave
8	23/04/2021 (Friday)	<b>Case presentation - Corneal ulcer I</b> History talking and Examination of case and management	Dr. Nandini Ramchandran
9	24/04/2021 (Saturday)	<b>Case presentation -Corneal ulcer II</b> History talking and Examination and management of case <ul style="list-style-type: none"> <li>• <b>Complications of corneal ulcer</b></li> <li>• <b>Antibiotics, antiviral and antifungal agents</b></li> <li>• cycloplegics</li> </ul>	Dr. Sanjiv Agrawal
10	26/04/2021 (Monday)	<b>Case presentation - iridocyclitis</b> History talking and Examination and management <ul style="list-style-type: none"> <li>• <b>Steroids and NSAIDS</b></li> </ul>	Dr. Deepa Muzumdar
11	27/04/2021 (Tuesday)	<b>Case presentation -Cataract I</b> ( examination of a cataract case)	Dr. Varsha Kulkarni
12	28/04/2021 (Wednesday)	<b>Case presentation -Cataract II</b> -Pre-Operative preparation for Cataract surgery <ul style="list-style-type: none"> <li>• IOP</li> <li>• Sac syringing</li> <li>• A scan Biometry</li> </ul>	Dr. Meghana Panse

		<ul style="list-style-type: none"> <li>• Lab investigations</li> <li>• Preop preparation of patient (consent, xylocain sensitivity test, dilatation of pupil)</li> </ul>	
13	<b>29/04/2021 (Thursday)</b>	<b>Surgical management of cataract III</b> (live demo - operation theatre) <ul style="list-style-type: none"> <li>• IOLs</li> </ul> Surgical instruments for cataract surgery	
14	<b>30/04/2021 (Friday)</b>	<ul style="list-style-type: none"> <li>• <b>Case presentation -Post operative management and complications of cataract IV</b></li> </ul>	<b>Dr. Nandini Ramchandran</b>
15	<b>1/05/2021 (Saturday)</b>	<b>Holiday – Maharashtra Day</b>	
16	<b>03/05/2021 (Monday)</b>	<b>Case presentation -Pseudophakia/Aphakia</b> History talking and Examination and management	<b>Dr. Deepa Muzumdar</b>
17	<b>04/05/2021 (Tuesday)</b>	<b>Case presentation -Glaucoma</b> History talking and Examination and management se <ul style="list-style-type: none"> <li>• IOP</li> <li>• Gonioscopy</li> <li>• Perimetry</li> <li>• Fundus photographs</li> <li>• OCT</li> <li>• Antiglaucoma drugs</li> </ul>	<b>Dr. Varsha Kulkarni</b>
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20	<b>07/05/2021 (Friday)</b>	<b>Squint Examination</b> <ul style="list-style-type: none"> <li>• Ocular movements</li> <li>• Cover test</li> <li>• Prism bar cover test</li> <li>• Worth four dot test</li> <li>• Maddox rod test</li> <li>• Diplopia charting</li> <li>• Synaptophore</li> </ul>	<b>Dr. Nandini Ramchandran</b>
21	<b>08/05/2021 (Saturday)</b>	<b>Ocular therapeutics</b>	<b>Dr. Sanjiv Agrawal</b>
22	<b>10/05/2021 (Monday)</b>	<b>Optics</b>	<b>Dr. Deepa Muzumdar</b>
23	<b>11/05/2021 (Tuesday)</b>	<b>Surgical instruments</b>	<b>Dr. Varsha Kulkarni</b>
24	<b>12/05/2021 (Wednesday)</b>		<b>Dr. Meghana Panse</b>
25	<b>13/05/2021 (Thursday)</b>	<b>Posting ending Assessment</b>	<b>Dr. Tejaswini Khandgave</b>
26	<b>14/05/2021 (Friday)</b>	<b>Posting ending Assessment</b>	<b>Dr. Nandini Ramchandran</b>

**Clinical exam case presentation and table viva - total maximum marks -20**



## Morning Clinics

<b>Monday</b>	<b>Dr. Deepa Muzumdar</b>
<b>Tuesday</b>	<b>Dr. Varsha Kulkarni</b>
<b>Wednesday</b>	<b>Dr. Meghana Panse</b>
<b>Thursday</b>	<b>Dr. Tejaswini Khandgave</b>
<b>Friday</b>	<b>Dr. Nandini Ramchandran</b>
<b>Saturday</b>	<b>Dr. Sanjiv Agrawal</b>

