[LJ 1016] OCTOBER 2016 **Sub. Code: 1602**

M. OPTOM DEGREE EXAMS
FIRST YEAR
PAPER II – OPTOMETRY IN SPECIAL NEED GROUP - LVA

Q.P. Code: 281602

Time: Three hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. What are low visual aids? Discuss in details the clinical assessment and management of low vision.

2. Define astigmatism. Discuss in details about the aetiology, types, clinical features and management of astigmatism.

II. Write notes on: **(10 x 6 = 60)**

1. How do you measure the near point, far point and the range of accommodation?
2. Role of Amsler Grid in determining the near vision.
3. What is the principle of keratometry? Write in brief about its advantages and its disadvantages.
4. What are the different types of hypermetropia? How will you determine the manifest error subjectively?
5. Guidelines to be followed in correction of refractive errors in children.
6. What are the different methods available to differentiate between axial and refractive ametropia?
7. Discuss in brief about the different alternative objective methods of refraction apart from retinoscopy.
8. Discuss in brief about the different methods available to assess the visual acuity.
9. Management of convergence insufficiency.
10. Define back vertex distance. Discuss its role in the making up of spectacles.

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[LL 1017] OCTOBER 2017 **Sub. Code: 1602**

M. OPTOM EXAMS
FIRST YEAR
PAPER II – OPTOMETRY IN SPECIAL NEED GROUP - LVA

Q.P. Code: 281602

Time: Three hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. What are the different methods of testing for young children with low vision, causes of low vision and methods to correct them?

2. What are the different components of hypermetropia? How will you determine each component and outline the management of hypermetropia?

II. Write notes on: **(10 x 6 = 60)**

1. Jackson cross cylinder.
2. Uses of prisms in ophthalmology.
3. Optics of retinoscopy.
4. Anisometropia.
5. Management of presbyopia.
6. Principles of keratometry.
7. Transpose and diagnose +4 DSph/ + 2DCyl x 90.
8. Electro optical devices.
9. Convergence insufficiency.
10. LogMar Charts.

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[LN 1018] OCTOBER 2018 **Sub. Code: 1602**

M. OPTOM DEGREE EXAMS
FIRST YEAR
PAPER II – OPTOMETRY IN SPECIAL NEED GROUP - LVA

Q.P. Code: 281602

Time: Three hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. What are low vision aids? Discuss in detail the clinical assessment and management of low vision.

2. What are the different components of hypermetropia? How will you determine each component and outline the management of hypermetropia?

II. Write notes on: **(10 x 6 = 60)**

1. Write about Amsler Grid.
2. Write the different types of magnifiers and its uses.
3. Write the different categories of vision impairment.
4. What is glare? How will you reduce glare?
5. What is retinitis pigmentosa? How will you help a person suffering from it?
6. Write about Braille.
7. Name the tests to test visual acuity in children on the basis of age group.
8. Management of convergence insufficiency.
9. What are the objective methods of refraction?
10. Management of astigmatism.

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