



RAN-3723

III MBBS Phase I Part I (Set III) Examination

February - 2021

Community Medicine - Paper I

Time: 2.30 Hours]

[Total Marks: 60

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

III MBBS Phase I Part I (Set III)

Name of the Subject :

Community Medicine - Paper I

Subject Code No.: 3 7 2 3

Seat No.:

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Student's Signature	
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Section I

Q.1 Write precise answer in ONE / TWO sentence/s (Total 10 questions each of 1 mark) 10

1. "Result of a rapid test for Covid 19' is a quantitative type of data": True or false ?
2. Define 'control' of a disease
3. Define 'Convalescent carriers' for infectious diseases.
4. What do you mean by predictive value of a positive test?
5. What do you mean by sporadic cases?
6. Write full form of 'DOTS' in Tuberculosis Control Programme ?
7. What is the mode value for the series of 10 numbers: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100.
8. Write formula to calculate Crude Death Rate.
9. What is solid waste?
10. What is SRS (Sample Registration System) ?.

Q.2 Describe Isolation, Quarantine and Disinfection in case of Covid 19 pandemic. 10

- Q.3 Write Five very short answers (Each carries 2 marks) 10**
1. What is Monitoring ?
 2. Problems with use of PPE(Personal Protective Equipment) kit in government hospital.
 3. Which coloured container is suitable for expired medicines under Bio medical waste disposal act guidelines ?
 4. Mention full forms of FHW and MPH.W.
 5. What are side effects of oral contraceptive pills ?

Section II

- Q.4 Write Five short notes (Each carries 3 marks) 15**
1. Ice berg phenomenon in Essential Hypertension
 2. Triage for a major railway accident.
 3. Flea Index.
 4. Systemic Random Sampling.
 5. Second stage(Early Expanding) stage of Demographic cycle.
- Q.5 Write Five short answers (Each carries 3 marks) 15**
1. Comment on current Maternal Mortality Ratio of 1 per 1000 live births.
 2. List Cold Chain equipments required for Covishield vaccine.
 3. Water requirements for rural Indian citizens
 4. Compare live and killed vaccines for 3 features.
 5. What is the importance of Critical Path Method?



RAN-3721

Third Year M. B. B. S. (Part - I) Examination

February - 2021

Ophthalmology

Time: 2 Hours]

[Total Marks: 40

सूचना : / Instructions

नीचे दृशविवेक निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:
Third Year M. B. B. S. (Part - I)

Name of the Subject :
Ophthalmology

Subject Code No.: 3 7 2 1

Seat No.:

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Student's Signature

SECTION I

- Q1.** Write ETDRS classification of Diabetic retinopathy. Describe management of diabetic macular edema. (5 + 5 = 10)
- Q2.** Answer ANY FIVE in short (2 × 5=10)
1. Describe treatment modalities of unilateral aphakia.
 2. Write complications of hypermature cataract
 3. Ocular side effects of Timolol Maleate
 4. Describe risk factors of corneal ulcer.
 5. Write causes of acquired ptosis.
 6. Write four common ophthalmic manifestation of HIV

SECTION II

Q1. Enumerate any eight ophthalmic emergencies. Write in detail about the clinical presentation and treatment of any one ocular emergency. (4+3+3)

Q2. Answer ANY FIVE in short (2 × 5 = 10)

1. Draw labelled diagram of lacrimal passage.
 2. Describe any four symptoms of cataract.
 3. Write actions and nerve supply of superior oblique muscle.
 4. Describe any four ocular signs of Vitamin A deficiency.
 5. Write the uses of pinhole.
 6. Write treatment modalities of progressive pterygium.
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RAN-3722

Third M.B.B.S. (Phase-I) Examination

February - 2021

OTO - RHINO - LARYNGOLOGY (ENT)

Time: 2 Hours]

[Total Marks: 40

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Third M.B.B.S. (Phase-I)

Name of the Subject :

OTO - RHINO - LARYNGOLOGY (ENT)

Subject Code No.: 3 7 2 2

Seat No.:

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Student's Signature

- (2) Q-1 in each section is *compulsory*.
- (3) Attempt *any two* from Q-2, 3, 4.
- (4) Write each section in separate answer sheets.

Section - A

**Q-1: Answer each of the following questions in 20-25 words.
(One mark each):**

[10]

1. What is Bell's phenomenon?
2. What is Korner's septum?
3. Draw a neat and labelled diagram of palatine tonsil with its blood supply.
4. What are the hidden areas of the pharynx in an indirect laryngoscopy?
5. Write T2 of carcinoma maxilla.
6. Enumerate the paired cartilages of larynx.
7. What is stridor?
8. What is nasal polyp?
9. What is Meniere's disease?
10. Enumerate any four causes of conductive hearing loss with an intact tympanic membrane.

- Q-2:** Discuss the aetiopathogenesis, clinical features and management of otosclerosis. [05]
- Q-3: Short Notes:** [05]
1. Otitis media with effusion.
 2. Vocal nodules.
- Q-4: Short Notes:** [05]
1. Septal perforation.
 2. Ludwig's angina.

Section B

- Q-1: Answer each of the following questions in 20-25 words. (One mark each):** [10]
1. What is Holman-Miller sign?
 2. Enumerate any two indications of cortical mastoidectomy.
 3. What is Gradenigo's syndrome?
 4. What is Samter's triad?
 5. Define leukoplakia.
 6. What is merciful anosmia?
 7. Write any four indications of tonsillectomy.
 8. What is Little's area?
 9. Enumerate the functions of larynx.
 10. Define osteo-meatal complex.
- Q-2:** Enumerate the various causes of facial palsy and discuss the clinical features and management of Bell's palsy. [05]
- Q-3: Short Notes:** [05]
1. Antral puncture.
 2. Rhinoscleroma.
- Q-4: Short Notes:** [05]
1. Pre-malignant lesions of oral cavity.
 2. Reinke's oedema.