

RAN-2106120201010001

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M.D. Examination June - 2023

Tuberculosis & Respiratory Medicine Paper - I

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

(1) नीचे दृष्टविले निम्नानुवाणी विगतो उत्तरवली पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:
M.D.

Name of the Subject :
Tuberculosis & Respiratory Medicine Paper - I

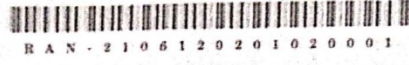
Subject Code No.: 2106120201010001

Seat No.:

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Student's Signature

- Q. 1** Discuss diagnosis and management of drug resistance tuberculosis under NTEP. (20 marks)
- Q. 2** Discuss TB preventive therapy, its indications, regimens and adverse effects. (20 marks)
- Q. 3** Write classification of NTM. Briefly describe diagnostic criteria and management of NTM disease. (20 marks)
- Q. 4** Discuss management of TB under special situations. (20 marks)
- Q. 5** Write short notes on: (5 marks each)
- TB-IRIS
 - Whole genome sequencing
 - Role of nutrition in NTEP
 - Role of NGO in NTEP



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M.D. Examination June - 2023

TB and Respiratory Medicine (Paper-II)

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

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नीचे द्यावेल्या निशानीवाणी विगतो उत्तरवटी पर अवश्य लपवी.
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Name of the Examination:

M.D.

Name of the Subject :

TB and Respiratory Medicine (Paper-II)

Subject Code No.: 2106120201020001

Seat No.:

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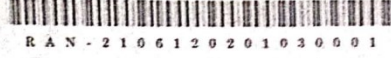
Student's Signature

1. Describe diagnostic approach and management of acute breathlessness. (20 marks)
2. Describe the clinical presentation, investigations and management of acute myocardial infarction. (20 marks)
3. Discuss complications of malaria. (20 marks)
4. Describe various pulmonary complications of renal failure. (20 marks)
5. Write short notes on: (5 marks each)
 - a) Hepatopulmonary syndrome
 - b) Management of hyponatremia
 - c) SOFA score
 - d) Metabolic acidosis

RAN-2106120201020001]

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[40] P1588



RAN-2106120201030001

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M.D. Examination June - 2023

Tuberculosis & Respiratory Medicine (Paper-III)

Time: 3 Hours]

[Total Marks: 100

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:

M.D.

Name of the Subject :

Tuberculosis & Respiratory Medicine (Paper-III)

Subject Code No.: 2106120201030001

Seat No.:

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Student's Signature

1. Describe the etiological classification, diagnosis and management of pulmonary hypertension. (20 marks)
2. Mention classification of pneumonia. Discuss in brief the clinical features, imaging findings and management of ventilator associated pneumonias. (20 marks)
3. Describe the various pulmonary manifestations of SLE. (20 marks)
4. Describe TNM classification of bronchogenic carcinoma. Write in brief about management of small cell carcinoma of lung. (20 marks)
5. Write short notes on: (5 marks each)
 - a) Bronchoscopic LVRS
 - b) Radiological findings in ABPA
 - c) Syndromes associated with bronchiectasis
 - d) Chylothorax

RAN-2106120201030001]

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[40] P1589



RAN-2106120201040001

M.D. Examination June - 2023

Tuberculosis & Respiratory Medicine (Paper-IV)

Time: 3 Hours]

[Total Marks: 100

सूचना : / Instructions

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

Name of the Examination:

M.D.

Name of the Subject :

Tuberculosis & Respiratory Medicine (Paper-IV)

Subject Code No.: 2106120201040001

Seat No.:

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Student's Signature

- Q1.** Discuss latest GINA guidelines. Discuss recent advances in management of bronchial asthma. **20 marks**
- Q2.** Define and classify pneumonia. Describe "Respiratory Virus Panel" testing. **20 marks**
- Q3.** Enumerate various fungal organisms causing invasive lung infection and discuss modern drug therapy along with adverse drug reactions. **20 marks**
- Q4.** Discuss role of Interventional Pulmonology in various pulmonary diseases. **20 marks**
- Q5.** Write short notes (5 marks each) **20 marks**
- A) BPaL regimen
 - B) Robotic bronchoscopy
 - C) Gene-Xpert ultra
 - D) Varenicline