

Q.P.Code:

Reg. no.:

**Third Professional MBBS Part I Degree Examinations
(Model Question Paper)**

Community Medicine- Paper I

Time: 3 Hours

Total Marks: 60

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(10)

1. Rahul 7th semester MBBS student while doing his community medicine stay posting in a rural CHC, observed that there are around 25% low birth weight among new borns during 1st quarter of 2013. He decided to find out risk factors of low birth weight. Answer the following:
 - What is the type of study design he should use if study has to be completed during the posting and mention reasons
 - State the objectives of study
 - Mention the methodology of study
 - How will you analyze the data

(2+1+5+2=10)

Problem:

(2x5=10)

2. As a MO of PHC, what are the strategies you will plan to prevent and control malnutrition among children under five years in your area.
3. List down therapeutic diet for 35 years old male with stage I hypertension whose height is 170cm, weight is 90kg and total cholesterol is 350 mg/dL

Short answer Question:

(5x4=20)

4. Social security measures
5. Categories of bio medical waste management and color code used for disposal
6. Surveillance of drinking water quality
7. Emergency contraception
8. Occupational cancer and its control

Differentiate between:

(3x2=6)

9. Food fortification and food adulteration.
10. Health education and health propaganda.
11. Point source epidemic and common source multiple exposure epidemic

Substantiate your answer with reasons:

(2x2=4)

12. Primary prevention is a "holistic approach" in prevention of disease.
13. Integrated vector management is the most effective method of vector control

List the following:

(5x2=10)

14. Uses of epidemiology.
15. Importance of incubation period.
16. Steps in randomized controlled trial.
17. Control of reservoir.
18. Levels of prevention and mode of intervention in each

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Community Medicine- Paper II

Time: 3 Hours

Total Marks: 60

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(10)

1. Raju 12 years old boy, bitten by a stray dog and was brought to you. On examination there were 2 lacerated wound on the right leg and small abrasions on left leg. Dog was killed. Answer the following:
 - Which category the exposure belongs
 - List the classification of animal bite exposure
 - Mention the management of this case
 - Explain the strategies of prevention of rabies in India

(1+2+3+4=10)

Problem:

(2x5=10)

2. Riya 3 years old girl who is attending nearby anganwadi was brought to your PHC with H/o fever for 5 days and rashes all over the body for 1 day. She is partially immunized. As MO How will you manage the situation.
3. As MO of the PHC you are asked to prepare a project for implementing geriatric care (both IP & OP services) in your hospital by the panchayat. Describe the project

Short answer Question:

(5x4=20)

4. Malaria treatment policy 2010
5. Dots plus
6. Nutritional rehabilitation centre's
7. Green hospital concept
8. District mental health programme

Differentiate between:

(3x2=6)

9. Stable & unstable malaria
10. Cost benefit and cost effective analysis
11. Type I & type II reaction in leprosy

Substantiate your answer with reasons:

(2x2=4)

12. Targeted interventions are important components of HIV prevention.
13. Integrated approach for prevention of non communicable disease- need of the hour

List the following:

(5x2=10)

14. Legislations related to occupational health
15. Phases in disaster management
16. Steps in planning cycle
17. Challenges to urban health
18. Emerging diseases causing threat to global health

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Third Professional MBBS Part I Degree Examinations
(Model Question Paper)

Ophthalmology

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(10)

1. A 60 years old short statured female presented in the casualty with history of sudden onset of very severe pain in the right eye with redness and marked impairment of vision in the same eye. She is also having systemic symptoms of headache and vomiting. She gives history of seeing colored haloes in the past. Answer the following :
- What is your more probable diagnosis
 - What is the differential diagnosis
 - What are the clinical features of the condition
 - How will you confirm the diagnosis
 - How will you manage the case

(1+2+2+2+3=10)

Short notes:

(4x3=12)

2. Congenital cataract
3. Management of uveitis
4. Myopia
5. Vitamin A deficiency

Draw and label:

(2x2=4)

6. Section through the upper lid
7. Fundus picture in diabetic retinopathy

Answer briefly:

(5x2=10)

8. Spring catarrh
9. Keratoplasty
10. NPCB
11. Hypersensitive retinopathy
12. Scleritis

Give precise answers:

(4x1=4)

13. Mention four causes of dry eye
14. Mention two types of lasers used in ophthalmology
15. Mention four causes of retinal haemorrhage
16. Mention two absolute indications of dacryocystectomy

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**Third Professional MBBS Part I Degree Examinations
(Model Question Paper)
Otorhinolaryngology**

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(10)

1. A 16 years old male, presented with progressive nasal obstruction and sudden onset, unprovoked, painless and profuse bleeding from nose, nasal examination showed a pinkish smooth surfaced mass filling the nose and nasopharynx – presently as a bulge in the oral cavity and palsy of the soft palate. Answer the following :
- What is the most probable diagnosis
 - Describe the clinical features of this condition
 - How will you diagnose this condition
 - Describe the route of spread
 - How will you manage this condition

(1+2+2+2+3=10)

Short notes:

(4x3=12)

2. Malignant otitis externa
3. Retropharyngeal abscess
4. Complications of FESS
5. Atrophic rhinitis

Draw and label:

(2x2=4)

6. Diagram showing the structures seen through indirect laryngoscopy
7. Picture showing the constituents of nasal septum

Answer briefly:

(5x2=10)

8. Vocal nodule
9. Osteomeatal complex
10. MC Even's triangle
11. Grommet
12. Laryngomalacia

Give precise answers:

(4x1=4)

13. Name two major vessels in little area
14. Surgical treatment of choice for attic antral type of CSOM
15. Two complications of stapedectomy
16. Name two conditions where you get Hennebertz sign.
