Total No. of Pages : 1]

Code No. 1064

M.B.B.S. (PHASE - III) (PART - I) (RS) DEGREE EXAMINATION MARCH - 2004

COMMUNITY MEDICINE - PAPER - 2

Total No. of Pages : 1]

Code No. 1063

M.B.B.S. (PHASE - III) (PART - I) (RS) DEGREE EXAMINATION, MARCH - 2004

COMMUNITY MEDICINE - PAPER - 1

Time : 3 Hours] *[Max. Marks : 100*

Please answer specifically to the questions asked.
Draw labelled diagrams wherever necessary.
All questions are compulsory.

Long Essays: [2 x 10 = 20]

1) What is concept of Information, Education & Communication? Describe in brief the various methods to deliver it. [5 + 5 = 10]

2) Describe in brief the different stages of Demographic Cycles. [10]

Short Essays: [10 x 5 = 50]

3) Write the Presumptive Coliform test.
4) What is Ozone depletion?
5) Write the various modes of disease transmission with examples.
6) Write the classification of Socio-Economic Status for rural area.
7) Write the role of Immunoglobulins in disease prevention.
8) Write the advantages & disadvantages of Case Control Study.
9) Name three communicable diseases caused by toxin in the food with examples.
10) Write the uses of Epidemiology.
11) Write the anthropometric methods to determine the nutritional status.
12) What is extrinsic incubation period? Give one example.

Short Answers: [10 x 3 = 30]

13) Describe primary prevention with example.
14) What is the difference between secular trend & cyclic trend?
15) How you will determine the amount of bleaching powder required to disinfect a well in a remote village.
16) Write the steps for Randomized Control Trial.
17) What are rodenticides?
18) Write about the determinants of Health.
19) Write the methods to measure the Central Tendency.
20) What is the difference between Incidence & Prevalence?
21) Draw a Road to Health card.
22) What has been the contribution of James Lind in Community Medicine?

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Total No. of Pages : 1] (42) Code No. 1064

M.B.B.S. (PHASE - III) (PART - I) (RS) DEGREE EXAMINATION MARCH - 2004

COMMUNITY MEDICINE - PAPER - 2

Time : 3 Hours] [Max. Marks : 100

Please answer specifically to the questions asked.
Draw labelled diagrams wherever necessary.
All questions are compulsory.

Long Essays: [2 x 10 = 20]

1) What is API? Describe in brief the strategy for the Control of Malaria under National Programme. [2 + 8 = 10]

2) What are the causes of Maternal Mortality? Write the measures to bring it down. [5 + 5 = 10]

Short Essays: [10 x 5 = 50]

3) Write about the mother to Child transmission of HIV.

4) Describe the Lepramin Test.

5) Write the components of Primary Health care with examples.

6) Write the functions of a community Health Centre.

7) Write the steps in Planning Cycle.

8) What is Eugenics?

9) Write three recommendations of Mudaliar Committee.

10) Write the components of Post Natal Care.

11) What is "rule of halves" in hypertension?

12) What is Primary Health Care?

Short Answers: [10 x 3 = 30]

13) Describe the Services under ICDS Scheme.

14) Write the drug schedule for Multibacillary Leprosy.

15) What is a Hypnozoite?

16) Write the radical treatment for vivax malaria.

17) Write five Rickettsial Diseases with names of vector.

18) What is the composition of Super ORS?

19) Name the Causes of Blindness in India.

20) What is Juvenile Delinquency?

21) UNICEF - its role in Child Survival.

22) Health Problems of Adolescents.

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Total No. of Pages : 1] (43) Code No. 1067

M.B.B.S. (PHASE - III) (PART - I) (RS) DEGREE EXAMINATION, MARCH - 2004

OPHTHALMOLOGY - THEORY

Time : 3 Hours] *[Max. Marks : 100*

Long Essays: [2 x 10 = 20]

1) What are the causes for sudden loss of vision in adults?
   What is the Aetiology, fundus picture and differential diagnosis of papilloedema? [4 + 6 = 10]
2) Describe the Aetiology, clinical features and treatment of fungal corneal ulcer. [10]

Short Essays: [10 x 5 = 50]

3) Signs and symptoms and treatment of vernal catarrh
4) How do you recognise and treat secondary glaucoma due to hypermature cataract.
5) What are the clinical signs of iridocyclitis.
6) Brief anatomy of cornea.
7) What are the field changes in primary open angle glaucoma.
8) What is anisometropic amblyopia? How do you treat it.
9) What is trachoma control project?
10) What are the investigations done before cataract surgery?
11) What are the signs, symptoms and treatment of acute dacryocystitis.
12) What is presbyopia? How do you treat it.

Short Answers: [10 x 3 = 30]

13) Mention three lasers used in Ophthalmology.
14) What is the surgical treatment for myopia.
15) What is the origin, insertion and nerve supply of superior oblique muscle.
16) Mention three miotics.
17) What are the indications for peripheral iridectomy.
18) Mention three indications for keratoplasty.
19) Mention three causes for optic atrophy.
20) Describe the fundus picture of central retinal artery occlusion.
21) Mention three causes for ptosis.
22) How is Aqueous humor formed.

Total No. of Pages : 1] (44) Code No. 1066

M.B.B.S. (PHASE - III) (PART - I) (RS) DEGREE EXAMINATION, MARCH - 2004

OTORHINOLARYNGOLOGY - THEORY PAPER

Time : 3 Hours] [Max. Marks : 100

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

Long Essays: [2 x 10 = 20]

1) Draw a labelled diagram of middle ear cleft. Discuss the etiopathology, symptomatology and management of malignant otitis externa. [2 +2 + 2 + 4 = 10]

2) Discuss the Aetiopathology, symptomatology and treatment of peritonsillar abscess. [3 + 3 + 4 = 10]

Short Essays: [10 x 5 = 50]

3) How you will differentiate antrochoanal polyp from ethmoidal polypi. [5]
4) Treatment of bilateral profound hearing loss. [5]
5) Describe the causes and management of nasal bone fracture. [2 + 3 = 5]
6) Treatment of traumatic perforation of tympanic membrane. [5]
7) Indications and contraindications of rigid bronchoscopy. [2 + 3 = 5]
8) Indications and complications of S.M.R. [5]
9) Management of the foreign body in the ear. [5]
10) Differential diagnosis of bilateral nasal obstruction. [5]
11) Treatment of furunculosis. [5]
12) Surgical management of acute otitis media in stage of exudation. [5]

Short Answers: [10 x 3 = 30]

13) Causes of decannulation problem.
14) Rhinosporidiosis.
15) Pathology of surgical mastoiditis
16) Basic principles of functional endoscopic sinus surgery.
17) Allergic Rhinitis
18) T1 glottic malignancy
19) C.S.F. Rhinorrhoea
20) Rhinne's test
21) Vocal nodule
22) Ethmoidal polypi.

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RC—1063

M.B.B.S. (PHASE III) DEGREE EXAMINATION, 2004

Part I

Paper I—COMMUNITY MEDICINE

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 Define Epidemic. Enumerate the steps in the investigation of an Epidemic. (5 + 5 = 10 marks)

2 Describe the various levels of Prevention with examples. (10 marks)

[2 × 10 = 20 marks]

II. Short Essays :

3 What is the role of residual chlorine in drinking water.

4 Write how will you determine the faecal contamination of drinking water ?

5 Write the different containers and their colours for disposing the hospital wastes.

6 How ventilation and overcrowding play a role in disease transmission ?

7 Differentiate between incubation period and the period of communicability.

8 Enumerate various types of carriers with examples.

9 Name *three* methods for the diet survey.

10 Name the various neoplasms, which occur due to occupational exposure with examples.

11 What are the effects of noise on health ?

12 Name the benefits offered by Employees State Insurance Scheme.

(10 × 5 = 50 marks)

III. Short Answers :

13 Describe tertiary prevention with example.

14 What are advantages of Cohort Study ?

15 How you will determine the chlorine in drinking water in a village ?

16 What is Ergonomics ?

17 What is biological control of vectors ?

18 What are different methods of health education ?

19 How you will calculate the attributable risk ?

20 What is Human Development Index ?

21 What is Eugenics ?

22 What is the contribution of Edward Jenner to Community Medicine ?

(10 × 3 = 30 marks)

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RC—1064

M.B.B.S. (PHASE III) DEGREE EXAMINATION, 2004

Part I

Paper II—COMMUNITY MEDICINE

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary

I. Long Essays :

1 What is DOTS ? Describe the strategy for the treatment under DOTS. (2 + 8 = 10 marks)

2 What are causes of Infant Mortality ? Write the measures to bring it down. (5 + 5 = 10 marks)

[2 × 10 = 20 marks]

II. Short Essays :

3 Write the pre-exposure prophylaxis for Rabies.

4 Describe the Koplik's spot.

5 Write the principles of Primary Health Care with examples.

6 Write the function of a Primary Health Centre.

7 Differentiate between a Cost effective and Cost benefit study.

8 What is Eugenics ?

9 Write *three* recommendations of Bhore Committee.

10 Write the components of Antenatal care.

11 What are coronary risk factors ?

12 Name the three health schemes, which offers Health Insurance.

(10 × 5 = 50 marks)

III. Short Answers :

13 Describe the functions of a Sub Centre.

14 Write the drug schedule under Multi-drug Therapy for Leprosy.

15 What is Window Period ?

16 Write the presumptive treatment for vivax malaria.

17 Write *five* Vector Borne Diseases with names of vector.

18 What is composition of ORS ?

19 Rule of Halves.

20 Behavioural Disorders in a Child.

21 WHO Day 2003.

22 Health Problems in Urban Slums.

(10 × 3 = 30 marks)

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RC—1065

M.B.B.S. (PHASE III) DEGREE EXAMINATION, 2004

Part I

OPHTHALMOLOGY

(Revised Scheme)

Time : Three Hours Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 What are the causes of developmental cataract ? Describe its management.
2 Describe the causes and treatment of angle closure glaucoma.

(2 × 10 = 20 marks)

II. Short Essays :

3 Write a note on acute dacryocystitis.
4 Discuss the indications for penetrating keratoplasty.
5 Write a note on buphthalmos.
6 Discuss Hypertensive retinopathy.
7 What is absolute glaucoma ?
8 Describe papillitis.
9 Types of hypermetropia.
10 Write a note on panophthalmitis.
11 What is pterygium ? Discuss treatment of recurrent pterygium.
12 Discuss principle of dacryocystorhinostomy.

(10 × 5 = 50 marks)

III. Short Answers :

13 Differences between primary and secondary optic atrophy.
14 What are the causes of pseudomembranous conjunctivitis ?
15 What is tubular vision ? Mention *two* causes.
16 What are the stages of corneal ulcer ?
17 What is Sturge-Weber syndrome ?
18 Types of spring catarrh.
19 Causes of iris nodules.
20 Mention *three* causes of soft exudates in the retina
21 List *three* systemic associations of Retinitis pigmentosa.
22 Mention *three* causes of vitreous hemorrhage.
23 List *three* causes of Bilateral proptosis.
24 Mention *three* causes for sudden loss of vision.

(10 × 3 = 30 marks)

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M.B.B.S. (PHASE III) DEGREE EXAMINATION, 2004

Part I

E.N.T.

(Revised Scheme)

Time : Three Hours | Maximum : 100 Marks

Your answers shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary.

I. Long Essays :

1 Describe the symptoms, signs and treatment of lateral sinus thrombosis. (2 + 3 + 5 = 10 marks)

2 Describe the etiology, investigations and treatment of epistaxis (4 + 2 + 4 = 10 marks)

[2 × 10 = 20 marks]

II. Short Essays :

3 Diagnosis and treatment of juvenile nasopharyngeal angiofibroma. (2 + 3 = 5 marks)

4 Enumerate the causes of white patches in tonsil. (5 marks)

5 Investigations and treatment of glottic cancer. (2 + 3 = 5 marks)

6 Aetiology, clinical features and management of Adenoiditis. (2 + 1 + 2 = 5 marks)

7 Describe the indications, procedure and complications of aural syringing. (3 + 2 = 5 marks)

8 Indications and contraindications of rigid oesophagoscopy. (3 + 2 = 5 marks)

9 Draw and label a normal tympanic membrane. (5 marks)

10 Mention the non-obstructive indications of tracheostomy operation. (5 marks)

11 Give the differential diagnosis of unilateral nasal mass. (5 marks)

12 Singer's nodule. (5 marks)

[10 × 5 = 50 marks]

III. Short Answers :

13 How you will treat a case of otomycosis ?

14 Rhinitis medicamentosa.

15 Hearing aid.

16 Rhinoscleroma.

17 Malignant otitis externa.

18 Antrochoanal polyp.

19 Rhinne's test.

20 Caloric test.

21 Treatment of secretory otitis media.

22 Classification of cholesteatoma.

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(10 × 3 = 30 marks)