

[LB 0212]

AUGUST 2012

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code : 801112

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer All questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|---|---|----|----|
| 1. Describe the constitution and functions of Indian Medical Council. | 7 | 20 | 10 |
| 2. Explain in detail about the consent. | 7 | 20 | 10 |
| 3. Discuss the manifestation and management of acute renal failure. | 7 | 20 | 10 |

II. Write notes on:

- | | | | |
|----------------------|---|----|---|
| 1. Viral hepatitis. | 4 | 10 | 5 |
| 2. Hypothyroidism. | 4 | 10 | 5 |
| 3. Bronchial asthma. | 4 | 10 | 5 |
| 4. Mitral stenosis. | 4 | 10 | 5 |
| 5. Chicken pox. | 4 | 10 | 5 |
| 6. Expert witness. | 4 | 10 | 5 |
| 7. Euthanasia. | 4 | 10 | 5 |
| 8. Summons. | 4 | 10 | 5 |

III. Short Answers on:

- | | | | |
|-----------------------------------|---|---|---|
| 1. Eczema. | 2 | 4 | 3 |
| 2. Herpes simplex. | 2 | 4 | 3 |
| 3. Malaria. | 2 | 4 | 3 |
| 4. Septic shock. | 2 | 4 | 3 |
| 5. Pneumonia. | 2 | 4 | 3 |
| 6. Thrombo angitis obliterans. | 2 | 4 | 3 |
| 7. Medical ethics. | 2 | 4 | 3 |
| 8. Therapeutic misadventure. | 2 | 4 | 3 |
| 9. Importance of medical records. | 2 | 4 | 3 |
| 10. Medical jurisprudence. | 2 | 4 | 3 |

[LC 0212]

FEBRUARY 2013

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code : 801112

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Elaborate on:

(10x3=30)

1. Write an essay on Medical Negligence.
2. Describe anemia and explain iron deficiency anemia.
3. Explain the hospital acquired infections and their prevention.

II. Write notes on:

(10x5=50)

1. Professional misconduct.
2. Privileged communication.
3. Professional secrecy.
4. Unauthorized disclosure.
5. HIV infections.
6. Tetanus.
7. Liver abscess.
8. Coronary heart disease.

III. Short Answers on:

(10x2=20)

1. Urinary tract infections.
2. Pleural effusion.
3. Alcoholic liver.
4. Sources of infection.
5. Care of terminally ill.
6. Summons.
7. Safety of medical records.
8. Consumer protection Act.
9. Informed consent.
10. Medico legal reports.

Sub. Code: 1112

Q.P. Code: 801112

[LE 0212] FEBRUARY 2014 Sub. Code: 1112
B.S.C. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY
SECOND YEAR
PAPER II – MEDICINE AND MEDICAL ETHICS
Q.P. Code: 801112

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail about the different types of Medical negligence.
2. Explain the hospital acquired infections and steps to prevent it.
3. Describe Glomerular nephritis in detail

II. Write notes on:

(8 x 5 = 40)

1. Summons.
2. Pulmonary tuberculosis.
3. Euthanasia.
4. Hypothyroidism.
5. Indian medical council.
6. Coronary heart disease.
7. Pulmonary tuberculosis.
8. Dying declaration.

III. Short Answers on:

(10 x 3 = 30)

1. Urinary tract infections.
2. Viral hepatitis.
3. Bronchial asthma.
4. Anaemia.
5. Dermatitis.
6. Medical Jurisprudence.
7. Declaration of Geneva.
8. Hostile witness.
9. Conduct money.
10. Medical Etiquette.

[LF 0212]

AUGUST 2014

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe the medico legal records maintained in the hospital.
2. Explain in detail about the conduct and duties of the doctor.
3. Describe the coronary heart diseases.

II. Write notes on:

(8 x 5 = 40)

1. Candidiasis
2. Haemo dialysis
3. Eczema
4. Liver abscess
5. Filariasis
6. Types of patient and Doctor relation ship
7. Warning notice
8. Organ transplantation

III. Short Answers on:

(10 x 3 = 30)

1. Consumer protection act
2. Irrational drug therapy
3. Retention of medical records
4. Summon
5. Medical ethics
6. Leprosy
7. Shock
8. Sources of infection
9. Asthma
10. Hospital infection

[LG 0215]

FEBRUARY 2015

Sub. Code: 1112

**B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY
SECOND YEAR**

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. What is consent in medical practice? Describe various kinds of consent and its rules.
2. Describe the clinical features and management of alcoholic liver disease.
3. What is hypertension? Mention the causes of secondary hypertension and its management.

II. Write notes on:

(8 x 5 = 40)

1. The transplantation of human organs act.
2. Professional secrecy.
3. Record of evidence.
4. Privileged communication.
5. Bronchial asthma.
6. MRSA infections (Methicillin Resistant Staph. Aureas).
7. Complications of diabetes mellitus.
8. Ischaemic heart disease.

III. Short Answers on:

(10 x 3 = 30)

1. Hostile witness.
2. Privileged communications.
3. Civil negligence.
4. Informed consent.
5. Diagnosis of Rheumatic fever.
6. Iatrogenic diseases.
7. Common organisms causing urinary tract infections.
8. Symptoms of hyper thyroidism.
9. Iron deficiency anemia.
10. Define Fuo or Puo (Fever of unknown origin).

[LH 0815]

AUGUST 2015

Sub. Code: 1112

**B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY
SECOND YEAR**

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Basic principles of medical ethics.
2. Define sepsis? Explain about septic shock and its management?
3. Draw diagram of kidney and urinary tract – name it. Discuss about various functions of kidney.

II. Write notes on:

(8 x 5 = 40)

1. Malpractice
2. Name some acyanotic congenital heart diseases, describe about their clinical features.
3. Hypothyroidism.
4. Infection control measures in operation theatres.
5. Bronchial asthma.
6. Angina pectoris – types, clinical picture, investigations and management in short.
7. Explain about negligence.
8. Short notes about insulin.

III. Short Answers on:

(10 x 3 = 30)

1. Urinary tract infection write about clinical features.
2. Define Anemia and features.
3. Write about injection paracetamol.
4. Name some intravenous fluids used in operation theatre.
5. What is infective endocarditis?
6. Uses of ECG.
7. Basic monitoring inside operation theatre.
8. What are antibiotics? Name some antibiotics.
9. Write about sepsis.
10. Write about AIDS.

[LI 0216]

FEBRUARY 2016

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. What is anemia? Explain in detail about iron deficiency anemia.
2. Medico legal aspects of medical records.
3. Write about bronchial asthma, signs and symptoms, investigations and its management.

II. Write notes on:

(8 x 5 = 40)

1. What are the basic blood investigations and its clinical significance?
2. Jaundice? Its types. Write short notes about its management.
3. Write short notes on HIV and AIDS.
4. Euthanasia.
5. Name some diseases caused by bacteria.
6. Write short notes about TB (tuberculosis).
7. Hemodialysis.
8. Infection control measures in operation theatres.

III. Short Answers on:

(10 x 3 = 30)

1. Define Cyanosis and write about types of cyanosis.
2. Diabetes mellitus.
3. Define Fever.
4. Causes of viral hepatitis.
5. Define pneumonia.
6. Thyroid function test and its uses.
7. Injection adrenaline and its uses.
8. Professional misconduct.
9. Informed consent.
10. Write 5 clinical features of rheumatic fever.

[LJ 0816]

AUGUST 2016

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail about the care of terminally ill and Euthanasia.
2. Explain about Diagnosis and Treatment of Acute Rheumatic Fever.
3. Write about Acute Myocardial Infarction in detail.

II. Write notes on:

(8 x 5 = 40)

1. Geneva declaration.
2. Candidiasis.
3. Infective Endocarditis.
4. ARDS.
5. Irrational Drug therapy.
6. Inter costal drainage.
7. Herpes zoster.
8. Importance of Medical Records.

III. Short Answers on:

(10 x 3 = 30)

1. Unauthorized disclosure.
2. Insulin Therapy.
3. EEG (Electro Encephalo Gram).
4. Meningitis.
5. Informed consent.
6. Blood Transfusion.
7. Dengue shock syndrome.
8. Dying declaration.
9. Hemodialysis.
10. Ultrasonography.

[LK 0217]

FEBRUARY 2017

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail about Organ Transplantation.
2. Give a detailed account on Acute complication of Diabetes Mellitus.
3. Write about Acute Renal failure, Hemodialysis and transplantation.

II. Write notes on:

(8 x 5 = 40)

1. Summons.
2. AIDS.
3. Indian Medical Council.
4. Cross Examination.
5. Thyrotoxicosis.
6. Stroke.
7. Medical Etiquette.
8. Rights of patients – Informed consent.

III. Short Answers on:

(10 x 3 = 30)

1. Conduct money.
2. Patient Doctor Relationship.
3. Therapeutic misadventure.
4. Dengue Fever.
5. Patient monitoring in Operation theatre.
6. Hospital Acquired Infection.
7. Ventilatory Support.
8. Witness.
9. Symptoms of Chronic Renal Failure.
10. Multidrug Resistant Tuberculosis.

[LL 0817]

AUGUST 2017

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Medical record. Write in detail Medico-legal aspects of medical record.
2. Write in detail about clinical presentation and management of acute rheumatic fever.
3. Write in detail about clinical presentation and management of alcoholic liver disease.

II. Write notes on:

(8 x 5 = 40)

1. Privileged communication.
2. Medical negligence.
3. Infection control guidelines for operation theatres.
4. Angina pectoris.
5. Acute myocardial infarction.
6. Infective endocarditis.
7. Herpes zoster infection.
8. Insulin.

III. Short Answers on:

(10 x 3 = 30)

1. Serious professional misconduct.
2. Universal precautions during operation theatre procedures.
3. Iatrogenic diseases.
4. Iron deficiency anaemia.
5. Informed consent.
6. Hemorrhagic fevers.
7. Ultrasonography.
8. Obstructive jaundice.
9. Lobar pneumonia.
10. Septic shock.

[LM 0218]

FEBRUARY 2018

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Functions of Indian Medical Council.
2. Define Hypertension. Write a note on secondary hypertension.
3. Write in detail about clinical presentation and management of bronchial asthma.

II. Write notes on:

(8 x 5 = 40)

1. Professional secrecy.
2. Transplantation of human organs act.
3. Tuberculosis management.
4. Cyanotic congenital heart diseases.
5. Insulin dependent diabetes mellitus.
6. Candidiasis.
7. Extradural hemorrhage.
8. Hemodialysis.

III. Short Answers on:

(10 x 3 = 30)

1. Medical record.
2. Electrocardiogram.
3. Intravenous antibiotics.
4. Hyperthyroidism.
5. Criminal negligence.
6. Fever of unknown origin.
7. Blood transfusion.
8. Electroencephalogram.
9. Liver function tests.
10. Viral hepatitis.

[LN 0818]

AUGUST 2018

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Consent in medical practice. Elaborate on the types of consent with relevant examples.
2. Define Sepsis. Explain clinical presentation and Management of septic shock.
3. Define and classify anaemia. Write a detailed note on iron deficiency anaemia.

II. Write notes on:

(8 x 5 = 40)

1. Euthanasia.
2. Consumer protection act.
3. Obstructive jaundice.
4. Hypothyroidism.
5. Ischemic heart disease.
6. Adult respiratory distress syndrome.
7. Cardiomyopathy.
8. Methicillin resistant staph. aureas infection.

III. Short Answers on:

(10 x 3 = 30)

1. Warning notice.
2. Urinary tract infections.
3. Intravenous fluids.
4. Operation theatre sterilization.
5. Expert Witness.
6. Rheumatic fever.
7. Hemodialysis.
8. Acquired immune deficiency syndrome.
9. Thyroid function tests.
10. Insulin dependent diabetes mellitus.

[LO 0219]

FEBRUARY 2019

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. What is Enteric Fever? Write the clinical features and treatment of Enteric fever.
2. Signs and symptoms and management of Tuberculosis.
3. Complications of Diabetes Mellitus.

II. Write notes on:

(8 x 5 = 40)

1. Infection control in hospitals.
2. Code of conduct.
3. Hepatitis B infection.
4. Difference between malpractice and negligence. Give examples.
5. Risk factors for ischaemic heart disease.
6. Hyperthyroidism.
7. Rheumatic fever.
8. Liver function tests.

III. Short Answers on:

(10 x 3 = 30)

1. Classify anaemia.
2. Nephrotic syndrome.
3. Amoebiasis.
4. Modes of transmission of HIV.
5. Confidentiality and Privacy.
6. Types of consent.
7. Name three Sexually Transmitted Diseases.
8. What are the organisms that cause Fever of unknown origin?
9. Name the common symptoms of malaria.
10. Name three intestinal helminthes.

[LP 0819]

AUGUST 2019

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Secondary infections in HIV.
2. Basic Principles of Medical Ethics.
3. Infection Control.

II. Write notes on:

(8 x 5 = 40)

1. Pneumonia.
2. Hepatitis.
3. Immediate complications after renal transplantation.
4. Syphilis.
5. Fumigation of operation theatres.
6. Difference between beneficence and non-maleficence. Give examples.
7. Dysentery.
8. Dengue fever.

III. Short Answers on:

(10 x 3 = 30)

1. Define dermatitis and causes of dermatitis.
2. Define Rheumatic fever and name the clinical features.
3. Name anti-tuberculous drugs.
4. Iron deficiency anaemia.
5. Chicken pox.
6. What is hypoglycaemia and hyperglycemia?
7. Enumerate the symptoms of heart attack.
8. Name the malarial parasites that infect human beings.
9. What are the causes of jaundice?
10. Name the common risk factors for NCDs (Non Communicable Diseases).

[LQ 0220]

FEBRUARY 2020

Sub. Code: 1112

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code: 801112

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Clinical presentation and management of rheumatic fever.
2. Define pneumonia. What are the causes and symptoms of pneumonia?
3. Write an essay on medical negligence.

II. Write notes on:

(8 x 5 = 40)

1. Malaria.
2. Antituberculous drugs.
3. Write the status of euthanasia in India.
4. Hypertension.
5. Irrational drug therapy.
6. Health consequences of alcoholism.
7. Hypothyroidism.
8. Asthma.

III. Short Answers on:

(10 x 3 = 30)

1. Commonly used disinfectants.
2. What is type one diabetes and type II diabetes?
3. Importance of medical records.
4. Universal precautions.
5. Difference between bacteria and virus.
6. Causes of lower limb oedema.
7. Causes of urinary tract infections.
8. Name four diseases caused by air pollution.
9. Differentiate between acute renal failure and chronic renal failure.
10. List the common causes of anaemia.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1112

(AUGUST 2020 EXAM SESSION)

B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR (From 2010-2011, 2014-2015 and 2015-2016 onwards)

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code : 801112

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Sepsis. Explain clinical presentation and Management of septic shock.
2. Define Consent in medical practice. Elaborate on the types of consent with relevant examples.
3. What is hypertension? Mention the causes of secondary hypertension and its management.

II. Write notes on:

(8 x 5 = 40)

1. Infection control committee in hospital.
2. Consumer protection act.
3. Angina pectoris.
4. Short notes on insulin.
5. MRSA infection.
6. Jaundice.
7. Liver abscess.
8. What are the basic blood investigations and its clinical significance?

III. Short Answers on:

(10 x 3 = 30)

1. Unauthorized disclosure.
2. Insulin Therapy.
3. Electroencephalogram (EEG).
4. Meningitis.
5. Expert witness.
6. Medico legal reports.
7. Pleural effusion.
8. Alcoholic liver.
9. Sources of infection.
10. Care of terminally ill.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0222]

**FEBRUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 1112

**B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY
SECOND YEAR (From 2010-2011, 2014-2015, 2015-2016 onwards)
PAPER II – MEDICINE AND MEDICAL ETHICS
Q.P. Code : 801112**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Discuss the various causes and treatment of fever.
2. Describe in detail about COVID 19 – Mode of transmission, symptoms and prevention.
3. Describe in detail about organ transplantation.

II. Write notes on:

(8 x 5 = 40)

1. Malpractice.
2. HIV – Human Immuno deficiency Virus.
3. Negligence.
4. Infection Control measures in operation theatre.
5. Dengue.
6. Diabetes.
7. Informed consent.
8. Rheumatic fever.

III. Short answers on:

(10 x 3 = 30)

1. Water borne diseases.
2. Pneumonia.
3. Uses of antibiotics.
4. Blood transfusion.
5. Ultrasonography.
6. Dialysis.
7. Treatment for Diarrhoea.
8. Witness.
9. Patient monitoring in Operation Theatre.
10. Iron deficiency Anaemia.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 1112

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

**B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY
SECOND YEAR (Regulations from 2010-2011, 2014-2015 & 2015-2016)**

PAPER II – MEDICINE AND MEDICAL ETHICS

Q.P. Code : 801112

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Describe the medico legal record maintenance in the hospital.
2. Explain in detail about the conduct and duties of the doctor.
3. Describe the Epidemiology, Preventive measures of coronary heart diseases.

II. Write notes on:

(8 x 5 = 40)

1. Therapeutic misadventure.
2. Privileged communication.
3. Professional secrecy.
4. Geneva declaration.
5. Indian Medical Council.
6. Herpes zoster – Agent, clinical features, management.
7. Euthanasia.
8. Organ transplantation.

III. Short Answers on:

(10 x 3 = 30)

1. Hostile witness.
2. Privileged communications.
3. Civil negligence.
4. Warning notice.
5. Diagnosis of Rheumatic fever and give examples.
6. Define Iatrogenic diseases.
7. Common organisms causing urinary tract infections.
8. Symptoms of hyperthyroidism.
9. Iron deficiency anemia – causes, cut off value for pregnant women.
10. Define Fever of unknown origin.
