

FEBRUARY 2008

[KS 1529]

Sub. Code : 1529

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

**Paper VII — MINOR SURGERY FIRST AID AND
EMERGENCY MEDICINE**

Q.P. Code : 821529

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

I. Long Essay :

(2 × 15 = 30)

1. (a) Explain in detail about the investigation and evaluation of clinical emergencies in cardiogenic shock.

(b) Management of Diabetic ketoacidosis.

2. What are the general principles of management in various types of fractures and dislocation?

II. Short notes :

(10 × 5 = 50)

1. Acute peripheral circulatory failure.

2. Management of Burns.

3. Hemoptysis.

4. Soft tissue injuries.

5. Blood transfusion.

6. Malnutrition its effect, assessment and management.

7. Sodium depletion.

8. Avoiding Nosocomial infections.

9. What are the first aiding methods of wounds and control of hemorrhage?

10. Cerebrovascular catastrophes.

FEBRUARY - 2009

[KU 1529]

Sub. Code : 1529

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

**Paper VII — MINOR SURGERY FIRST AID AND
EMERGENCY MEDICINE**

Q.P. Code : 821529

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

- 1. Describe poison under-routes, action, classifications, signs and symptoms and treatments.**
- 2. Describe various respiratory emergencies and management.**

II. Short notes : (10 × 5 = 50)

- 1. Shock.**
- 2. Management of Burns.**
- 3. Hemoptysis.**

4. Heat stroke.
5. Sterilization.
6. Blood transfusion.
7. General principle of first aid.
8. Insulin shock.
9. Myocardial infarction.
10. Acute renal failure.

III. Short answers : (10 × 2 = 20)

1. Infection.
2. Treatment in blast injuries.
3. Status epilepticus.
4. Hiccups.
5. Treatment in carbon monoxide poisoning.
6. Management of infected wounds.
7. Cramps.

8. Tennis Elbow.
 9. Acute vomiting.
 10. Asphyxia.
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August - 2009

[KV 1529]

Sub. Code : 1529

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

**Paper VII — MINOR SURGERY FIRST AID AND
EMERGENCY MEDICINE**

Q.P. Code : 821529

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essay : (2 × 15 = 30)

1. Explain briefly about the general principles and management of Burns and discuss about blood transfusion.

2. Explain in detail about investigation and clinical emergencies of Acute renal failure and write about dialysis.

II. Short notes : (10 × 5 = 50)

1. Avoiding Tissue Hypoxia.

2. Initial management of fracture.

August - 2009

3. Sports injuries.
 4. Classification and Treatment of shock.
 5. Preparation for Anaesthesia.
 6. Evaluation of clinical emergency in Acute Vomiting.
 7. Replantation and Revascularisation.
 8. Hypovolaemia – Diagnosis and Treatment.
 9. Types of Treatment of Haemorrhage.
 10. Management of Hypoglycemia.
- III. Short answer questions : (10 × 2 = 20)
1. Types of Bandages.
 2. Convulsion in Children.
 3. Mouth to Mouth ventilation.
 4. Malnutrition its effects.
 5. Management of Hypokalaemia.
 6. Methods of feeding.
 7. Initial management of sprain and strain.
 8. Epistaxis – First Aid Management.
 9. General principles of management of Poisoning.
 10. First Aid in Snake Bite.
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February 2010

[KW 1529]

Sub. Code: 1529

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

**Paper VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE**

Q.P. Code : 821529

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay Questions:

(2 x 15 = 30)

1. Explain wound, its types and management.
2. Explain fracture, its types, classification and management.

II. Short Notes:

(10 x 5 = 50)

1. Artificial respiration.
2. Slings.
3. Angina pectoris.
4. Management of snake bite.
5. Drug abuse.
6. Signs of death.
7. Haematuria.
8. Syncope.
9. Vital data.
10. Food poisoning and their management.

III. Short Answers:

(10 x 2 = 20)

1. Treatment of scorpion bite.
 2. Concussion.
 3. Vitriolage.
 4. Status asthmaticus.
 5. Asphyxia.
 6. Blood groups.
 7. Avulsions.
 8. Bruises.
 9. Define First Aid.
 10. Management of ethyl alcohol poisoning.
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August 2010

[KX 1529]

Sub. Code: 1529

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

**Paper VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE**

Q.P. Code : 821529

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay Questions:

(2 x 15 = 30)

1. Enumerate the causes of chest pain. How do you approach a patient with retro-sternal chest pain?
2. Describe in detail the various imaging investigations.

II. Short Notes:

(10 x 5 = 50)

1. Haemoptysis.
2. Blood Transfusion.
3. Fine Needle Aspiration Cytology.
4. Suturing techniques.
5. Spinal anaesthesia.
6. Wound infection.
7. Burns.
8. Principles of fracture management.
9. Principles of First-Aid.
10. Dog-bite.

III. Short Answers:

(10 x 2 = 20)

1. Starvation before surgery.
 2. CPR in children and infants.
 3. First Aid for scorpion sting.
 4. Management of convulsions.
 5. Recovery position.
 6. Metabolic Alkalosis.
 7. Triage.
 8. Methods of feeding.
 9. First Aid for Adrenal crisis.
 10. Types of Bandages.
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February 2011

[KY 1529]

Sub. Code : 1529

B.N.Y.S. DEGREE EXAMINATION.

(New Regulations)

Fourth Year

Paper VII — MINOR SURGERY FIRST AID AND EMERGENCY MEDICINE

Q.P. Code : 821529

Time : Three hours

Maximum : 100 marks

I. Essay : (2 × 15 = 30)

1. (a) Explain in detail about the general principles of first aid and basis life support.
(b) Artificial respiration.
2. Write in detail about investigation, initial and clinical management of acute respiratory failure.

II. Short notes : (10 × 5 = 50)

1. Renal colic.
2. Avoiding Nosocomial infections.
3. Replantation and Revascularisation.
4. Diagnosis and treatment of Hypovolaemia.
5. General principles of fracture management.
6. Preparation for Anaesthesia.
7. Acute reaction.
8. Initial management of choking.
9. Management of spinal deformity.
10. Blood transfusion.

III. Short Answers : (10 × 2 = 20)

1. Missile injuries.
2. Dog bite.

3. Heat stroke.
 4. How will you measure blood loss?
 5. Epistaxis.
 6. Malnutrition its effects.
 7. Sodium excretion shut down trauma.
 8. Dialysis.
 9. Carbon monoxide poisoning.
 10. Phossy Jaw.
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August 2011

[KZ 1529]

Sub. Code: 1529

B.N.Y.S. DEGREE EXAMINATION.

Fourth Year

**Paper VII – MINOR SURGERY, FIRST AID AND EMERGENCY
MEDICINE**

Q.P. Code : 821529

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essay questions:

(2X15=30)

1. Discuss in detail classification of wounds, wound infection and scars. Add a note on Haemorrhage.
2. Discuss in detail causes, clinical features and types of convulsions. Add notes on status epilepticus and first aid for convulsion.

II. Short Notes:

(10X5=50)

1. Hypokalaemia and hyperkalaemia.
2. Spinal anaesthesia.
3. Fracture and dislocation.
4. Acute myocardial infarction.
5. Cardio pulmonary resuscitation.
6. Haematuria.
7. Acute vomiting.
8. Hypoglycemia.
9. Syncope.
10. Various diagnostic imaging techniques.

III. Short Answer:

(10X2=20)

1. Fine needle aspiration cytology.
2. Metabolic acidosis.
3. Epistaxis.
4. Cardiac arrest.
5. Adrenal crisis.
6. Anaphylaxis.
7. Causes for Haematemesis.
8. First aid for scorpion sting.
9. Heart block.
10. Nosocomial infection.

February 2012

[LA 1529]

Sub. Code: 1529

B.N.Y.S. DEGREE EXAMINATION.

Fourth Year

Paper VII- MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE

Q. P. 821529

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2x15=30)

1. The management of Acute Respiratory Failure.
2. Define Hypoglycemia, write the causes and explain the management of acute hypoglycemia.

II. Write notes on:

(10x5=50)

1. Management of Burns
2. Hiccups
3. Management of Acute alcoholism
4. Acute reaction
5. Renal Colic
6. Blood Transfusion
7. Dog bite
8. Preparation for Anesthesia
9. Allergic Rhinitis
10. Dangerous Pneumothorax

III. Short Answers

(10x2=20)

1. Simple resuscitation
2. FNAC
3. Triage
4. Thyroid crisis
5. Status epilepticus
6. Sodium excretion shut-down trauma
7. Sports injury
8. Hepatic precoma and coma
9. Imaging Techniques
10. Classification of wounds

[LB 1529]

Sub. Code: 1529

FOURTH B.N.Y.S. DEGREE EXAM – AUGUST 2012

PAPER–VII MINOR SURGERY, FIRST AID

AND EMERGENCY MEDICINE

Q.P. Code: 821529

Time: 180 Minutes

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

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

- | | | | |
|---|----|----|----|
| 1. Discuss in detail classification of wounds, wound infection and scars. Add a note on Haemorrhage. | 16 | 25 | 15 |
| 2. Discuss in detail causes, clinical features and types of convulsions. Add note on status epilepticus and first aid for convulsion. | 16 | 25 | 15 |

II. Short notes on:

- | | | | |
|--|---|---|---|
| 1. Hypokalaemia and Hyperkalaemia. | 3 | 8 | 5 |
| 2. Spinal Anesthesia. | 3 | 8 | 5 |
| 3. Fracture and Dislocation. | 3 | 8 | 5 |
| 4. Acute Myocardial infarction. | 3 | 8 | 5 |
| 5. Cardio Pulmonary Resuscitation (CPR). | 3 | 8 | 5 |
| 6. Haematuria. | 3 | 8 | 5 |
| 7. Acute Vomiting. | 3 | 8 | 5 |
| 8. Hypoglycemia. | 3 | 8 | 5 |
| 9. Syncope. | 3 | 8 | 5 |
| 10. Various Diagnostic imaging techniques. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|-------------------------------------|---|---|---|
| 1. Fine needle aspiration cytology. | 1 | 5 | 2 |
| 2. Metabolic acidosis. | 1 | 5 | 2 |
| 3. Epistaxis. | 1 | 5 | 2 |
| 4. Cardiac arrest. | 1 | 5 | 2 |
| 5. Adrenal crisis. | 1 | 5 | 2 |
| 6. Anaphylaxis. | 1 | 5 | 2 |
| 7. Causes for Haematemesis. | 1 | 5 | 2 |
| 8. First Aid for Scorpion Sting. | 1 | 5 | 2 |
| 9. Heart Block. | 1 | 5 | 2 |
| 10. Nosocomial infection. | 1 | 5 | 2 |

FOURTH YEAR B.N.Y.S. DEGREE EXAM - FEBRUARY 2013
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY
MEDICINE

Q.P. CODE: 821529

Time: Three Hours

Maximum : 100 Marks

ANSWER ALL QUESTIONS

I. ESSAY QUESTIONS:

2 X 15= 30

1. Enumerate the causes of unconsciousness. How do you approach an unconsciousness patient.
2. Explain in detail about the basic surgical principles, write about the preoperative preparation and pain relief after surgery

II. SHORT NOTES:

10 X 5= 50

1. Explain the physiological manifestations of wound infection.
2. Sports related injuries and their management.
3. What are the responsibilities & skills needed for the first aider in case of accident
4. Initial management of snake bite.
5. Write the etiology & clearance therapy for hepatic coma.
6. First aid for spinal fracture.
7. How will you approach the patient with acute wheezing?
8. Management of cardiogenic shock
9. Write a note on artificial respiration.
10. Explain the insulin therapy for diabetic ketoacidosis.

III. SHORT ANSWERS

10 X 2= 20

1. What are the safety measures of first aider has to take while assessing situation?
2. Types of triage.
3. Signs of successful CPR.
4. Nosocomial pneumonitis.
5. Mechanism of sucking wounds.
6. Sodium excretion shut down trauma.
7. Classification of bandages.
8. Why starvation is necessary before surgery?
9. First aid for shoulder girdle fracture.
10. Chemical burn management.

FOURTH YEAR B.N.Y.S. DEGREE EXAM - AUGUST 2013
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY
MEDICINE

Q.P. CODE: 821529

Time: Three Hours

Maximum : 100 Marks

ANSWER ALL QUESTIONS

I. ESSAY QUESTIONS:

2 X 15= 30

1. Enumerate the causes of retro sternal chest pain. How will you care a patient with inspiratory wheeze?
2. Name some parenteral fluid & how to prevent & treat multi organ failure

II. SHORT NOTES:

10 X 5= 50

1. Pain relief after surgery.
2. Write the differential diagnosis of acute vomiting.
3. What is the clinical & surgical management of burns?
4. Explain in detail about the clinical evaluation of cardiac arrest.
5. Write the types of wound infection & its management.
6. Clinical & surgical methods of perforation of peptic ulcer.
7. Write about the spinal deformity & their management.
8. Etiology & method of treatment of thyroid crisis.
9. Initial care of missile & blast injury.
10. Write a note on blood transfusion.

III. SHORT ANSWERS

10 X 2= 20

1. Contraindication for mouth to mouth ventilation
2. Emergency child birth.
3. First aid for bleeding from ears.
4. How to check circulation after bandaging?
5. Field block anaesthesia.
6. First aid for colles fracture.
7. ECG changes in AMI.
8. Pacemaker implantation.
9. Endotracheal intubation.
10. Sodium & potassium balance.

FOURTH YEAR B.N.Y.S. DEGREE EXAM

PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Long Essay:

2 x 15 = 30

1. A pan chewing patient suffered from blood vomiting & loss of conscious. How do you diagnose this condition & manage it?
2. Explain in detail about the general principles & clinical management of fracture & dislocation

II. Short Notes:

10 x 5 = 50

1. How will you manage warfare injuries?
2. Write the complication of blood transfusion
3. Write the etiology, investigation & management of acute respiratory failure?
4. Explain replantation with few examples
5. Write the differential diagnosis of acute myocardial infarction
6. How will you prepare the patient for anaesthesia?
7. Write the types, etiology, clinical & surgical management of cerebrovascular catastrophes?
8. Crush injuries & its management
9. General signs & symptoms & initial management of poisoning
10. Sports related injuries & their management

III. Short Answers:

10 x 2 = 20

1. Name the suture methods
2. Application method of spica bandage
3. How will you measure fluid loss during surgery?
4. Difference between insulin shock & diabetic coma
5. First aid for methyl alcohol poisoning
6. Write the signs & symptoms for the three phase of acute renal failure?
7. First aid for frost bite
8. Clinical significance of CNS in hypothermia
9. Diet for reactive hypoglycaemia
10. Advance life support for cardiac arrest

FOURTH B.N.Y.S. DEGREE EXAM
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three hours**Maximum : 100 Marks**

Answer All questions

I. Long Essay:**(2 x 15 = 30)**

1. An engineer met in an road accident and what are all the common first aid skills you will follow?
2. A diabetic patient with the state of unconsciousness and fruity smell on breath, also he starved for 10 days. How do you manage this condition?

II. Short Notes:**(10 x 5 = 50)**

1. How will you nutritionally support and rehabilitate after surgery?
2. Clinical management of hepatic precoma.
3. What are all the types of haemorrhage and techniques used during surgery to arrest bleeding?
4. Explain the conservative and surgical management of haematemesis.
5. What are all the preoperative drugs and treatment?
6. Write short notes on acute reaction.
7. How will you measure the degree of burn and its management?
8. First aid for open abdominal and penetrating chest wound.
9. Spontaneous pneumothorax and its management.
10. A patient had hiccough continuously for two days without interval. What does it indicate & how will you manage it?

III. Short Answers:**(10 x 2 = 20)**

1. Triage and its colour representation.
2. First aid for fracture at the elbow.
3. Examples of revascularization.
4. Write the body position for breathing difficulty patient.
5. Role of vasopressors in shock.
6. Warning to the first aider in case of poisoning.
7. Types and causes for haemoptysis.
8. Methods to maintain airway in acute respiratory failure.
9. Differential diagnosis of hematuria.
10. Write the social and psychological measure for epilepsy.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER VII – MINOR SURGERY, FIRST AID AND EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about Fracture under the following headings.
 - a) General principles
 - b) Investigations
 - c) First aid
 - d) Clinical and surgical management.
2. Explain in detail about Convulsion and its management. Write a note on Status epilepticus.

II. Write Notes on:

(10 x 5 = 50)

1. Write a note on tissue repair.
2. Hypovolemia diagnosis and treatment.
3. Tennis elbow – first aid, investigation and its management.
4. Write a note on clinical management of thyroid crisis.
5. Write a note on first aid and clinical management for cardiac arrest.
6. Write a note on approach to the unconscious patient.
7. Write a note on shock and its treatment.
8. Write a note on Acute vomiting and its management.
9. Write a note on pain relief after surgery.
10. Write a note on burns and its management.

III. Short Answers on:

(10 x 2 = 20)

1. Define acute wound.
2. Triage.
3. Golden hour.
4. First aid for scorpion bite.
5. Cerebral palsy.
6. Name the artificial respiration.
7. Epistaxis.
8. Glasgow coma scale.
9. Management of renal colic.
10. Acute peripheral circulatory failure.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER VII – MINOR SURGERY, FIRST AID AND EMERGENCY MEDICINE

Q.P. Code : 821529

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Essay Questions: **(2 x 15 = 30)**

1. Explain in detail about Diabetic Ketoacidosis and add a note on first aid, Investigation and emergency management for it.
2. Explain in detail hypovolemia and its management.

II. Write notes on: **(10 x 5 = 50)**

1. Write a note on basic principles of surgery.
2. Write about the clinical management of Haemorrhage.
3. Management of Dehydration.
4. Write initial management for unconscious patient and write a note on Glasgow coma scale.
5. Write a note on artificial respiration.
6. Write a note on first aid and initial management for epilepsy.
7. First aid and clinical management for alcoholic poisoning.
8. Write a note on clinical management for hepatic coma.
9. Explain acute renal failure and its management.
10. Write about emergency care for postpartum haemorrhage.

III. Short answers on: **(10 x 2 = 20)**

1. Sodium excretion and shut down trauma.
2. First aid for shock.
3. Revascularization.
4. Types of bandages.
5. Acute reaction.
6. Sucking wounds.
7. Define hepatic coma.
8. Pharmacological management for thyroid crisis.
9. Jumpers knee.
10. Etiology for peptic ulcer.

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER VII – MINOR SURGERY, FIRST AID AND EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: (2 x 15 = 30)

1. Write about fluid, electrolyte and acid base balance changes after surgery with its management.
2. Write in detail about the recognition and evaluation of clinical emergency of cardiac arrest.

II. Write Notes on: (10 x 5 = 50)

1. Soft tissue injury.
2. What are the pre preparations for anaesthesia?
3. First aid for fracture of spine.
4. Clinical management of cardiogenic shock.
5. Write the differential diagnosis and management of acute vomiting.
6. Physiology and prophylaxis of wound infection.
7. Types and clinical management of haemorrhage.
8. How do you approach the patient with acute wheezing?
9. What are the responsibility and skill of the first aider in Road accidents?
10. Clinical management of acute renal failure.

III. Short Answers on: (10 x 2 = 20)

1. Effects of malnutrition after surgery.
2. Difference between heat stroke and heat exhaustion.
3. Sterilization methods followed in surgery.
4. Signs of a successful CPR.
5. First aid for scorpion sting.
6. Management for hypokalaemia.
7. First aid for Sucking wound in the chest.
8. What are the factors influencing the degree of shock?
9. General rules for applying bandages.
10. What are the safety measures of first aider while assessing the situation?

[LJ 1529]

AUGUST 2016

Sub.Code :1529

FOURTH B.N.Y.S. DEGREE EXAMINATION

PAPER VII – MINOR SURGERY, FIRST AID AND EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: (2 x 15 = 30)

1. Evaluate the clinical management of gastrointestinal emergencies.
2. Explain in detail about the general principles and clinical management of fracture and dislocation?

II. Write Notes on: (10 x 5 = 50)

1. Explain the metabolic changes after surgery?
2. Sports injuries and their management.
3. Write a note on preoperative procedures.
4. First aid for emergency childbirth.
5. Explain the artificial respiration.
6. How the internal bleedings are revealed out with examples?
7. Emergency care and first aid for open wounds.
8. Clinical evaluation and management of acute myocardial infarction.
9. Explain the insulin therapy for diabetic keto acidosis.
10. Write the systemic changes according to the severity of hypothermia.

III. Short Answers on: (10 x 2 = 20)

1. Purified protein fraction.
2. Name the methods of feeding after surgery.
3. Nosocomial pneumonitis.
4. Complication of blood transfusion.
5. First aid for convulsion in children.
6. How CPR works?
7. Signs of pupil reaction in emergency.
8. First aid for infected wounds.
9. Sterilization methods.
10. Sodium excretion and shutdown of trauma.

[LK 1529]

FEBRUARY 2017

Sub.Code :1529

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. A 50 years old man collapses suddenly while climbing the stairs with severe chest pain and profuse sweating? What is your diagnosis? Write its first aid and emergency management.
2. Explain in detail about burns and its surgical and emergency management and add a note on first aid for burns.

II. Write Notes on:

(10 x 5 = 50)

1. Sports injury of Upper and Lower limb and its surgical management.
2. Explain about Cardiopulmonary resuscitation.
3. Emergency management on Hepatic coma.
4. Define Scar, its types and surgical management.
5. General principles of fracture.
6. Acute renal failure – Emergency Management.
7. Nutritional Support in Surgery.
8. First aid management for Dog bite.
9. Emergency management for Diabetic ketoacidosis.
10. General principles of first Aid.

III. Short Answers on:

(10 x 2 = 20)

1. Triage.
2. Classification of wounds.
3. First aid for Acute Wheezing.
4. Spinal deformities.
5. Types of bandages.
6. Syncope.
7. Replantation.
8. Emergency management of Epilepsy in children.
9. Sodium depletion – management.
10. Hypothermia – Emergency management.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Explain in detail about Fracture. Write about its first aid and surgical management.
2. Enumerate the causes, clinical features and laboratory findings of acute myocardial infarction. Add a note on First aid and Emergency Management of it.

II. Write Notes on: **(10 x 5 = 50)**

1. Parental Fluid Therapy.
2. Emergency management of Peptic ulcer.
3. Various Imaging methods.
4. Artificial Respiration.
5. Emergency management of renal colic.
6. Surgical process and principles.
7. General First Aid management of Hemorrhage.
8. Explain about Wound infection.
9. Emergency management of Acute vomiting.
10. First Aid management of Epilepsy.

III. Short Answers on: **(10 x 2 = 20)**

1. Glasgow coma scale.
2. Endotracheal intubation.
3. Importance of Recovery position.
4. Thyroid crisis Management.
5. Applications of roller bandages.
6. First aid management of collarbone fracture.
7. Signs of cardiac arrest.
8. Fine Needle Aspiration Cytology.
9. Continuous renal replacement therapy.
10. Pacemaker implantation.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Enumerate the causes, clinical features, investigations Surgical Management, First Aid Management and Emergency Management for Acute peripheral circulatory failure.
2. Explain in detail about Wound, tissue repair, classification of wound and its surgical management.

II. Write Notes on: **(10 x 5 = 50)**

1. Write a note on first aid management for Unconscious patient.
2. Bandages and its types.
3. Hemoptysis – Emergency management.
4. Blood Transfusion.
5. Anesthesia – topical and local.
6. Triage and its types.
7. First aid management for Poisoning.
8. Status Epilepticus – Emergency Management.
9. First Aid Management for syncope.
10. Prevention of organ failure.

III. Short Answers on: **(10 x 2 = 20)**

1. Epistaxis Management.
2. Acute reaction.
3. Tennis Elbow Management.
4. Revascularisation.
5. Types of knots.
6. Scar.
7. Cerebrovascular catastrophes.
8. Storage of organs for Organ Transplantation.
9. Nosocomial infection.
10. Respiratory Acidosis – Surgical Management.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. a) Explain in detail about the general Principles of first aid, responsibilities of first aider and basic life support.
b) Add a note on Artificial Respiration.
2. Discuss in detail about Causes, Clinical features and types of convulsions. Add a note on status epilepticus and first aid for convulsion.

II. Write Notes on: **(10 x 5 = 50)**

1. Treatment for hemorrhage.
2. Write the differential diagnosis of Acute Myocardial Infarction.
3. Basic Principles of Minor surgery.
4. First Aid and Initial Management for epilepsy.
5. Write a note on Glasgow Coma Scale.
6. Sports injuries and its Management.
7. Write a short note on Slings.
8. How you will prepare the patient for Anaesthesia?
9. Management and Emergency care for Traumatic injuries.
10. Write the complication of Blood transfusion.

III. Short Answers on: **(10 x 2 = 20)**

1. Role of Vasopressors in shock.
2. First aid body position for the breathing difficulty patient.
3. Types and causes for haemoptysis.
4. Name the Suture methods.
5. Signs and Symptoms of Alcohol Poisoning.
6. Advance life support for cardiac arrest.
7. Emergency Management for Vaginal bleeding.
8. Nosocomial Infection.
9. Management for Syncope.
10. Emergency medicine in case of Gastritis.

[LM 1529]

FEBRUARY 2018

Sub. Code: 1529

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. a) Explain in detail about Fractures, General Principles & Clinical Management.
b) Add a note on causes and Approach on Unconsciousness patient.
2. Explain in detail about the basic Surgical Principles, write about the Preoperative preparation and pain after Surgery.

II. Write Notes on: **(10 x 5 = 50)**

1. First aid for spinal fracture.
2. Write the aetiology and Clearance therapy for hepatic coma.
3. Basic Principles of Emergency Medicine.
4. Qualification of First aider, First aid Kit, and Uses of Triangular Bandages.
5. Write a note on artificial respiration.
6. Sports injuries and its Management.
7. Explain the insulin therapy for diabetic ketoacidosis.
8. Management for Cardiogenic Shock.
9. Aspiration of Foreign bodies.
10. Crush Injuries and its Management.

III. Short Answers on: **(10 x 2 = 20)**

1. ECG changes in AMI.
2. Types of Haemorrhage.
3. Types of Bandages.
4. First aid for bleeding from the ears.
5. Signs and Symptoms of renal failure.
6. First aid for Shoulder girdle fracture.
7. First aid for Scorpion Sting.
8. Epistaxis – Management.
9. Management for Haemoptysis.
10. Avulsions and Bruises.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. a) Explain in detail about Investigation and Clinical Management of Acute Respiratory Failure.
b) Principles of Post Operative care in case of Head Injuries.
2. Define and classify poisons, what are the routes of administration, management of acute poisoning.

II. Write Notes on: **(10 x 5 = 50)**

1. Heat Stroke, Exhaustion and its Management.
2. Write about Severe allergic reactions and its Management.
3. Write about Snow Blindness and Welder's Flash.
4. Write a short note on Concussion and Compression.
5. Write a note on Trench Foot.
6. Wound infection and its Management.
7. How to help a person whose clothes have caught Fire?
8. Management for Common Ailments.
9. Write detail about Recovery Position.
10. Write about Pupillary reflexes.

III. Short Answers on: **(10 x 2 = 20)**

1. Signs and Symptoms of infected wounds.
2. Adhesive dressing.
3. Collar and Cuff Sling.
4. Define Deformity and Degeneration.
5. Signs and Symptoms of Skull fracture.
6. Acute resuscitation of Hypokalaemia.
7. First aid for Insect Bites.
8. First aid in joint injury.
9. Treatment for Abdominal Wounds.
10. Differences between Perforating and Penetrating Wounds.

[LN 1529]

AUGUST 2018

Sub. Code: 1529

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID &
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Write the investigation, first aid and emergency management when the patient is having continuous convulsions for 1hr?
2. How will you nutritionally assess and manage after surgery? Explain malnutrition and its effects after surgery.

II. Write Notes on:

(10 x 5 = 50)

1. Write the preparation of blood products.
2. Write the differential diagnosis of hematuria and its emergency management.
3. How will you prepare the patient for anaesthesia?
4. Write the surgical principles for revascularisation with examples.
5. Write in detail about the internal and external fixation in fracture.
6. Methods of different types of bandaging.
7. Write the pathophysiology, investigation and emergency management of diabetic keto acidosis.
8. Write the acute sports related injuries and their management.
9. What is the emergency management of cerebrovascular catastrophes?
10. Write a short note on acute respiratory failure.

III. Short Answers on:

(10 x 2 = 20)

1. First aid for Colles's fracture.
2. Difference between myocardial infarction and angina.
3. Field block anaesthesia.
4. First aid for avulsion injury.
5. Types of fracture.
6. Surgical management of haematemesis.
7. Write the emergency initial management for spontaneous pneumothorax.
8. First aid for scorpion sting.
9. Write the Don'ts in first aid of scalds.
10. Body positioning for shock in case of breathlessness.

[LN 1529]

OCTOBER 2018

Sub. Code: 1529

**FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID &
EMERGENCY MEDICINE**

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about wounds under following headings:
a) Classification b) Clinical features c) Management.
2. Define diabetic ketoacidosis. Explain in detail the clinical features and its management.

II. Write Notes on:

(10 x 5 = 50)

1. Write the clinical management of unconsciousness.
2. Write a note on sodium and potassium imbalances.
3. Explain hypovolemia - diagnosis, classification, and its management.
4. Write about the post operative pain management.
5. Explain Acute vomiting - its clinical features, and management.
6. Write about choking and its first aid.
7. Write a note on types of bandages and its uses.
8. Define status epileptics. Add a note on clinical management.
9. Write the clinical feature, first aid, and management of cardiac arrest.
10. Write a note on postoperative malnutrition and its management.

III. Short Answers on:

(10 x 2 = 20)

1. Define respiratory acidosis.
2. Define parental nutrition.
3. What is jumper's knee?
4. Endotracheal intubation.
5. What is rule of nine?
6. Explain the problems of tube feeding.
7. Write about starvation before surgery.
8. Define status asthmatics.
9. Define subluxation.
10. Define post partum haemorrhage.

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions: **(2 x 15 = 30)**

1. Write in detail about the etiology, clinical evaluation and emergency management when the patient's body temperature is 28 degree Celsius.
2. Explain in detail about the types, investigations, emergency and surgical management for stroke.

II. Write Notes on: **(10 x 5 = 50)**

1. Write the indication and complication of blood transfusion.
2. Write the surgical measures to control haemorrhage.
3. Write the types of cardiac arrhythmias and its clinical management.
4. What are the preoperative procedures and its drugs?
5. Write the clinical management for respiratory acidosis.
6. Write in detail about acute myocardial infarction.
7. Write the first aid for convulsion in children.
8. Write the differential diagnosis and clinical management of acute vomiting.
9. Write the first aid for burns and scalds.
10. Write the investigation and emergency management of acute peripheral circulatory failure.

III. Short Answers on: **(10 x 2 = 20)**

1. How CPR works?
2. Difference between the sprain and strain.
3. Write the complication of epilepsy.
4. First aid for rib fracture if it is complicated.
5. Write the forms of internal bleeding revealed out.
6. Emergency management of renal colic.
7. Name the conditions where the surgical intervention is needed in obstetrics.
8. First aid for open abdomen wound.
9. Emergency management for syncope.
10. Application of figure of '8' bandages.

[LP 1529]

OCTOBER 2019

Sub. Code: 1529

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID &
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about shock under following headings:
 - a) Definition and its classifications.
 - b) First aid and clinical management.
 - c) Surgical intervention.
2. Explain in detail about burns under following headings:
 - a) Definition and its classification.
 - b) First aid and clinical management.
 - c) Precaution and surgical intervention.

II. Write Notes on:

(10 x 5 = 50)

1. Write a note on hypokalemia.
2. Explain about blood transfusion.
3. Write about replantation and revascularisation.
4. Write about the diagnosis and first aid management of snake bite.
5. Write a note on artificial respiration.
6. Write a note on hepatic coma with its management.
7. Write a note on cerebrovascular catastrophes.
8. Write a note on metabolic acidosis and its management.
9. Define haematemesis, its investigation and clinical management.
10. Explain Thyroid crisis and its clinical management.

III. Short Answers on:

(10 x 2 = 20)

1. How to open the airway?
2. What are all the warnings to the first aider in case of emergency.
3. Define sucking wound.
4. What is external fixation?
5. What are the complications of Epilepsy?
6. Write the management of frost bite.
7. Status epileptics emergency drugs.
8. Pacemaker implantation.
9. Investigation for hemoptysis.
10. What are the signs of cardiac arrest?

[LQ 1529]

FEBRUARY 2020

Sub. Code: 1529

FOURTH B.N.Y.S. DEGREE EXAMINATION
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Write in detail about the investigation and emergency management when the case has the complaint of oliguria for past 5 days and have the history of hypertension and diabetes for 20 yrs.
2. What is the complication of missile injury, when it perforated the right chest wall? Write its clinical evaluation and emergency management.

II. Write Notes on:

(10 x 5 = 50)

1. How to avoid nosocomial infection after surgery?
2. Write the first aid for electrical and lightning injuries.
3. Short note on diabetic coma.
4. Write the surgical principles for replantation with examples.
5. Methods followed in first aid for aspiration of foreign body.
6. How fracture heals? Write the surgical principles of fracture?
7. Write the differential diagnosis of unconsciousness and glasgow coma score.
8. How will you measure the blood loss in emergency and during surgery?
9. What is the emergency management of acute wheezing when it is not controlled by regular medicine?
10. Write the first aid for the convulsion in children.

III. Short Answers on:

(10 x 2 = 20)

1. Local infiltration anaesthesia.
2. Difference between the heat stroke and heat exhaustion.
3. Name the methods of feeding after surgery.
4. How will you open the airway?
5. Types of syncope.
6. Surgical management of peptic ulcer.
7. Name the emergency therapies for thyroid crisis.
8. First aid for right ear bleeding.
9. What are the dangers of burns?
10. First aid for avulsion injury.

[LQ 1529]

DECEMBER 2020

Sub. Code: 1529

**(MAY & AUGUST 2020 SESSION)
FOURTH B.N.Y.S. DEGREE EXAMINATION**

**PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE**

Q.P. Code : 821529

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. a) Hepatic Coma, b) keto acidosis and Insulin Shock, c) Kidney Emergency.
2. Assessment of Victim with help of Vital Signs.

II. Write Notes on:

(10 x 5 = 50)

1. Types of Wound.
2. Types of Shock.
3. Dressings and Bandages.
4. Unconsciousness and its First Aid treatment.
5. Common Antiseptics.
6. Cardiac Markers and ECG findings in Acute MI.
7. Adrenal Crisis and Thyroid Crisis.
8. Symptoms of Bleeding Varicose Veins and treatment.
9. Techniques of Oxygen administration.
10. First aid in Cardiac Arrest and Heart Stroke with clinical features.

III. Short Answers on:

(10 x 2 = 20)

1. Classify Fractures.
2. How a first Aider should assess a Victim.
3. Normal breathing rate for two months old to two years child and two to six years.
4. Symptoms of Mushroom Poisoning and its treatment.
5. Four basic monitoring for Patients in Shock.
6. Tabulate clinical features of mild, moderate and Severe Shock.
7. Significance of Gentian Violet, silver nitrate and povidone Iodine.
8. Classify Disinfection.
9. Symptoms and signs of Asphyxia.
10. Chilblain

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

[BNYS 1021]

OCTOBER 2021

Sub. Code: 1529

(OCTOBER 2020 / FEBRUARY 2021 / MAY 2021 SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

FOURTH YEAR

(For the candidates admitted from the academic year 2013-14)

PAPER VII – MINOR SURGERY, FIRST AID AND

EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Write about how fluid, electrolyte and acid base balance are affected after surgery and its management.
2. Explain in detail about the types, etiology, initial and clinical management of acute peripheral circulatory failure.

II. Write Notes on:

(10 x 5 = 50)

1. General and initial management of poisoning.
2. Emergency child birth.
3. First aid for minor burns and scalds.
4. Write a note on recovery position.
5. First aid for cardiac arrest.
6. How will you approach the patient with acute respiratory failure.
7. How to avoid and treat tissue hypoxia.
8. Explain about soft tissue injuries and its management.
9. Management of acute renal failure.
10. Initial care of missile and blast injury.

III. Short Answers on:

(10 x 2 = 20)

1. Qualities of first aid.
2. Emergency management of hiccough.
3. First aid for convulsions in children.
4. Sodium excretion shut down trauma.
5. Indication for FNAC.
6. Difference between sling and splint.
7. First aid for Snake bite.
8. Bronchoscopic aspiration.
9. Subluxation.
10. Complication of enteral feeding.

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

[BNYS 0322]

**MARCH 2022
(FEBRUARY 2021 & MAY 2021 SESSIONS)**

Sub. Code: 1529

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR
(For the candidates admitted from the academic year 2011-12)
PAPER VII – MINOR SURGERY, FIRST AID AND
EMERGENCY MEDICINE
Q.P. Code : 821529**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions: (2 x 15 = 30)

1. How will you prepare the patient for anaesthesia and write the preoperative drugs and treatment?
2. An Engineer met in a road accident and what are all the common first aid skills you will follow.

II. Write Notes on: (10 x 5 = 50)

1. First aid for spine fracture.
2. Emergency management for hypoglycaemia.
3. What are the complications of blood transfusion?
4. Clinical evaluation and management of spontaneous pneumothorax.
5. Write a note on surgical history and surgical process.
6. What are the dangers and first aid of burns.
7. Write the types of wound infection and its management.
8. What are the general principles and clinical management of fracture?
9. Management of cardiogenic shock.
10. Spinal deformity and its management.

III. Short Answers on: (10 x 2 = 20)

1. First aid for frost bite.
2. Tracheostomy.
3. Management for reactive hypoglycaemia.
4. Malnutrition and its effects.
5. What are the warnings to the first aider during managing electric shock?
6. Examples of replantation.
7. Indication of K – wire.
8. Types of trauma.
9. How the internal bleeding diagnosed in accidents?
10. Emergency care for open wounds.

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

[BNYS 0522]

MAY 2022

Sub. Code: 1529

(AUGUST 2021 & OCTOBER 2021 SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

FOURTH YEAR

(For the candidates admitted from the academic year 2011-12)

PAPER VII – MINOR SURGERY, FIRST AID AND

EMERGENCY MEDICINE

Q.P. Code : 821529

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. a) Diabetic Keto acidosis. b) Acute Renal failure.
2. How to avoid tissue hypoxia with simple resuscitation after surgery.

II. Write Notes on:

(10 x 5 = 50)

1. How to make recovery position and its advantages.
2. Types of pulse and possible causes.
3. Cardio vascular emergencies.
4. Emergency care for open wounds.
5. Effects of drowning and write the first aid treatment.
6. Status asthmaticus emergency management.
7. Differences between cardiac arrest and heart stroke.
8. Anaphylactic shock emergency management.
9. Prophylactic measures of antibiotic.
10. General rules for application of roller bandage and dressings.

III. Short Answers on:

(10 x 2 = 20)

1. Name the eleven kit for first aider.
2. Slings and its types.
3. Definition , Signs and symptoms of shock.
4. Define status epilepticus.
5. Define Heat stroke and Heat exhaustion.
6. Replantation.
7. Artificial Respiration.
8. Chilblain.
9. Composition of ORS as per WHO.
10. Orthopnoea.

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

[BNYS 1022]

**OCTOBER 2022
(FEBRUARY 2022 & MAY 2022 SESSIONS)**

Sub. Code: 1529

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE
Q.P. Code : 821529**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions: (2 x 15 = 30)

1. Explain in detail about the causes and clinical management of unconsciousness.
2. Tabulate the Forms of revealed internal bleeding and their sources.

II. Write Notes on: (10 x 5 = 50)

1. Tabulate features of insulin shock and diabetic coma.
2. Cardiac markers and ECG findings in acute MI.
3. Sun Burn and Sun Stroke - causes, signs, symptoms and first aid.
4. Emergency management of cardiac arrest.
5. Convulsions, types and its first line of treatment.
6. Clinical features and treatment of dog bite and insect bite.
7. Common disinfectants.
8. Malnutrition its effects, assessment and management after surgery.
9. Anaphylactic Shock.
10. Emergency management of Pneumothorax.

III. Short Answers on: (10 x 2 = 20)

1. Tidy versus untidy wounds.
2. How do you diagnose acute renal failure?
3. Surgical intervention for perforation of peptic ulcer.
4. Fine Needle Aspiration Cytology - its indications.
5. Epistaxis - First aid.
6. How a First aider should assess a victim?
7. Symptoms of mushroom poisoning and its treatment.
8. First line of treatment for Burns.
9. Emergency Management of Blood Vomiting.
10. Triage.

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

[BNYS 0323]

MARCH 2023

Sub. Code: 1529

(AUGUST 2022 & OCTOBER 2022 EXAM SESSIONS)

B.N.Y.S. DEGREE EXAMINATION

FOURTH YEAR

(For the candidates admitted from the academic year 2011-12)

PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE

Q.P. Code: 821529

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Elaborate in detail about the etiology, clinical evaluation and emergency management of acute myocardial infarction.
2. Explain in detail about the types of hemorrhage and how will you diagnosis hypovolaemia and treat tissue hypoxia?

II. Write Notes on:

(10 x 5 = 50)

1. Investigation and emergency management of acute renal failure.
2. Principles of antimicrobial treatment.
3. Initial and advanced life support for cardiac arrest.
4. Principles and surgical management for dislocation.
5. Preparation of blood products for transfusion.
6. Emergency management for status asthmaticus.
7. Write the sterilization methods.
8. First aid for choking.
9. Emergency care for open wounds.
10. Write a note on artificial respiration.

III. Short Answers on:

(10 x 2 = 20)

1. Field block anaesthesia.
2. Pacemaker implantation.
3. First aid for crush injury.
4. First aid for rib fracture, if it is complicated?
5. Sucking wound.
6. How to check circulation after bandaging?
7. First aid for epilepsy.
8. How will you open the airway?
9. Warning to the first aider.
10. Contra indication for mouth to mouth ventilation.

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

[BNYS 0823]

**AUGUST 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 1529

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE**

Q.P. Code: 821529

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions: (2 x 15 = 30)

1. Enumerate the causes of unconsciousness and how do you approach a patient with unconsciousness?
2. What are the basic life support given to the patient when vitals are reduced?

II. Write Notes on: (10 x 5 = 50)

1. Explain the preoperative drugs and preparation for anaesthesia.
2. How to assess the effectiveness of mouth to mouth ventilation and CPR?
3. Write the forms of revealed internal bleeding and its first aid.
4. Emergency management of cardiogenic shock.
5. Write the types of wound infection and its management.
6. Sports related injuries and its management.
7. Insulin therapy for diabetic keto acidosis.
8. Emergency management for acute vomiting.
9. Write the clinical and surgical management for burns.
10. Write the etiology and clearance therapy for hepatic coma.

III. Short Answers on: (10 x 2 = 20)

1. Examples for revascularisation.
2. Types of triage.
3. Tracheostomy.
4. Nosocomial pneumonia.
5. Complications of blood transfusion.
6. Penetrating wound.
7. Classification of fracture.
8. First aid for choking for children.
9. Complication of enteral feeding.
10. First aid for epistaxis.

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

[BNYS 0124]

**JANUARY 2024
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 1529

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE**

Q.P. Code: 821529

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about fractures, general principles and clinical management.
2. Explain shock under the following headings:
 - i) Types of shock, signs and symptoms.
 - ii) Diagnosis and clinical monitoring.
 - iii) First aid and clinical management.

II. Write Notes on:

(10 x 5 = 50)

1. Types of dressing and general rules for applying dressing.
2. How to avoid Nosocomial infection after surgery?
3. Triage and its types.
4. Clinical management of acute respiratory failure.
5. Define hypoglycemia, enumerate its causes and clinical management.
6. Write the causes and management of haematuria.
7. Recovery position.
8. Responsibilities of a first aider.
9. Metabolic alkalosis after surgery.
10. Blood transfusion.

III. Short Answers on:

(10 x 2 = 20)

1. Warning to the first aider.
2. Define thyroid crisis.
3. When to stop CPR?
4. First aid for scorpion sting.
5. Hypertrophic scars.
6. Open pneumothorax and closed pneumothorax.
7. Signs of cardiac arrest.
8. Define status epilepticus.
9. Define syncope.
10. Write the problems of tube feeding.

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

[BNYS 0824]

**AUGUST 2024
(MAY 2024 EXAM SESSION)**

Sub. Code: 1529

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE**

Q.P. Code: 821529

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about burns under following headings:
a) Definition and its classification.
b) First aid, emergency management and surgical intervention.
2. Define status asthmaticus. Explain its precipitating factors, clinical features, investigations and management.

II. Write Notes on:

(10 x 5 = 50)

1. General management of poisoning.
2. Emergency management for Hematemesis.
3. Clinical management of acute ST-elevation myocardial infarction.
4. Clinical management of acute renal failure.
5. First aid management for Haemorrhage.
6. Write the symptoms, signs, diagnosis and First Aid for snake bite.
7. Blood transfusion.
8. Parenteral nutrition after surgery.
9. Emergency management of unconsciousness.
10. Explain Thyroid crisis and its clinical management.

III. Short Answers on:

(10 x 2 = 20)

1. Define respiratory acidosis.
2. Acute reaction.
3. How will you open the airway?
4. First aid management for bleeding from nose.
5. Suture methods.
6. Starvation before surgery.
7. Keloid scars.
8. Internal fixation and its types.
9. First aid for food poisoning.
10. Types of bandages.

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

[BNYS 0125]

**JANUARY 2025
(OCTOBER 2024 EXAM SESSION)**

Sub. Code: 1529

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE**

Q.P. Code: 821529

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. A young motor cycle rider is involved in RTA. Discuss examination, assessment and immediate resuscitation to this patient.
2. Define status epilepticus. Explain its precipitating factors, clinical features, investigation and management.

II. Write Notes on:

(10 x 5 = 50)

1. Haemoptysis and its management.
2. Enumerate causes of hematemesis. Write in oesophageal varices treatment.
3. Factors influencing Wound Healing..
4. Insulin therapy for Diabetic keto acidosis.
5. How do you handle a unconscious in emergency?
6. Diagnosis of Acute Renal failure and and its management.
7. Emergency management for cardiac arrest.
8. Blood Transfusions and its indications.
9. Types of shock and its First Aid.
10. Complications of total parenteral nutrition.

III. Short Answers on:

(10 x 2 = 20)

1. Types of dialysis and indications.
2. Mention six antiseptics.
3. Dehydration and its management.
4. Triage.
5. Muscle cramps.
6. First aid in fracture.
7. First aid in Frost bite.
8. Food poisoning.
9. Asphyxia.
10. Ethyl alcohol poisoning.

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

[BNYS 0725]

**JULY 2025
(MAY 2025 EXAM SESSION)**

Sub. Code: 1529

**B.N.Y.S. DEGREE EXAMINATION
FOURTH YEAR**

**(For the candidates admitted from the academic year 2011-12)
PAPER VII – MINOR SURGERY, FIRST AID & EMERGENCY MEDICINE**

Q.P. Code: 821529

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Classify wounds. Write in detail about wound healing and factors affecting wound healing.
2. General principles of dislocation and fracture management. Explain its etiopathogenesis, clinical features, investigations and surgical management.

II. Write Notes on:

(10 x 5 = 50)

1. Cardiac arrhythmias and its management.
2. Acute vomiting and its management.
3. Status epileptics.
4. Diagnosis of Hypoglycaemia and its management.
5. Types of bandages.
6. Sport injuries.
7. Parental Nutrition.
8. General principles of fracture and dislocation.
9. Types of haemorrhage and its surgical management to control bleeding.
10. Responsibilities of a first aiders.

III. Short Answers on:

(10 x 2 = 20)

1. Types of dialysis and indications.
2. Clubfoot boot.
3. What is 'Triage'?
4. Oral rehydration therapy.
5. Mammography.
6. Acute reaction.
7. Primary Thyrotoxicosis.
8. Hypovolemic shock.
9. Emergency management of syncope.
10. Heat exhaustion.
