Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Operation Theatre Technology Degree Examination – SEPTEMBER 2015

Time: Three Hours | Max. Marks: 100 Marks

INTRODUCTION TO OPERATION THEATRE TECHNOLOGY (RS)

Q.P. CODE: 1241

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Describe the methods of Operation theatre sterilization.
2. Describe the various positioning of the patient in the operation theatre.
3. Discuss the blood grouping, indications and complications of blood transfusion.

SHORT ESSAYS (Answer any Twelve) 12 x 5 = 60 Marks

4. Mayo stand
5. Ultrasonic cleaning
6. Electrical powered instruments.
7. Hydrogen peroxide
8. Operation theatre lighting
9. Ultraviolet irradiation
10. Pulse oximeter
11. Central venous pressure
12. Grasping and holding instruments.
13. Propofol
14. Urinary output
15. Duties of circulatory nurse
16. Gowning
17. Care of micro surgical instruments.

SHORT ANSWERS (Answer any Ten) 10 x 2 = 20 Marks

18. Guidelines for eye protection during laser surgery
19. Boiling
20. Lignocaine 5%
21. What are the stages of autoclaving?
22. What is a gravity displacement sterilizer?
23. Functions of operation theatre table
24. Define asepsis
25. Name the various types of absorbable sutures
26. Types of laryngoscope
27. Uses of suction apparatus
28. Drugs used for premedication
29. Steps in decontamination of operation theatre furniture

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Operation Theatre Technology Degree Examination – APRIL - 2015

Time: Three Hours | Max. Marks: 100 Marks

INTRODUCTION TO OPERATION THEATRE TECHNOLOGY (RS)

Q.P. CODE: 1241

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) — 2 x 10 = 20 Marks

1. Discuss about the inhalational anesthetic agents.
2. Discuss the physical layout of the operation theatre.
3. Describe the monitoring of patient in the operation theatre.

SHORT ESSAYS (Answer any Twelve) — 12 x 5 = 60 Marks

4. Clamping and occluding instruments.
5. Trendlenburg position
6. Laryngoscope
7. Halothane
8. Blood grouping
9. Levels of disinfection
10. Fentanyl
11. Formalin
12. Lithotomy position
13. Phenol
14. Air powered instruments
15 Glutaraldehyde
16. Fowler's position
17. Lodophors

SHORT ANSWERS (Answer any Ten) — 10 x 2 = 20 Marks

18. Uses of hot air oven
19. Uses of flash sterilizer
20. What are the materials sterilized by ultra violet irradiation?
21. Uses of supine position
22. Bacteriostatic agents
23. Indications for nasal intubation
24. What are the different types of endoscopes?
25. What are the different types of endotracheal tubes?
26. Catgut
27. Name the types of regional anaesthesia.
28. Sensorcaine.
29. Uses of iso propyl alcohol

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Operation Theatre Technology Degree Examination – SEPTEMBER 2015

Time: Three Hours | Max. Marks: 80 Marks

MEDICINE RELEVANT TO OPERATION THEATRE TECHNOLOGY (RS)

Q.P. CODE: 1242

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Discuss etiopathogenesis, clinical features, investigations and management of community acquired Pneumonia
2. Discuss etiology, clinical features, investigations and management of Iron deficiency anemia
3. Discuss, clinical features, investigations and management of Myocardial infarction

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Treatment of type 2 diabetes mellitus
5. Petit mal epilepsy
6. Management of Hepatic encephalopathy
7. Management of ARDS
8. Cor pulmonale
9. Identification and treatment of hypoglycaemia in elderly
10. Complications of pulmonary tuberculosis
11. Causes of acute renal failure
12. Hemodialysis
13. Type 1 Diabetes mellitus

SHORT ANSWERS (Answer any Ten) 10 x 2 = 20 Marks

14. 3 complications of hypertension
15 Angina pectoris
16. Cyanosis
17. Causes of megaloblastic anaemia
18. 3 clinical features of chronic Renal failure
19. 3 causes of Haematuria
20. Clinical signs of uraemia
21. Proton pump inhibitors
22. Pneumothorax
23. Signs of cardiac failure
24. Risk factors for Stroke
25. Causes of hypotension

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Operation Theatre Technology Degree Examination – APRIL 2015

Time: Three Hours | Max. Marks: 80 Marks

MEDICINE RELEVANT TO OPERATION THEATRE TECHNOLOGY (RS)

Q.P. CODE: 1242

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. What do you mean by anemia? How will you classify anemia? Explain the causes of anemia and treatment of each of them.
2. What do you mean by obstructive jaundice? What are the causes of obstructive jaundice? Describe the nursing observation in a jaundiced patient.
3. What is epilepsy? Classify epilepsy and enumerate the methods of treating seizure disorders and also mention the adverse effects of these drugs.

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. What do you mean by cholecystitis? What are the complications of cholecystitis?
5. What do you mean by Bronchial asthma? Write down the causes of Bronchial asthma.
6. What is the meaning of Hypertension? Write down the various causes of Hypertension.
7. Mention the therapeutic uses of Digoxin. Name the toxic effects.
8. What is Heparin? How does it act? Name all the contraindication of its uses.
9. Write a note on Warfarin sodium.
10. How does theophylline act? What are its uses? Enumerate its toxic symptoms.
11. Write briefly on plasma.
12. What is anaphylaxis? Name the drugs that can produce such a reaction.
13. Enumerate the uses of corticosteroids. State when it should not be used.

SHORT ANSWERS (Answer any Ten) 10 x 2 = 20 Marks

14. Name any two side effects of metclopromide.
15 What is geriatrics?
16. Name any causes of pleural effusion.
17. What are the features of thyroid crisis?
18. Name any two arrhythmic drugs.
19. What is Lung Abscess? Name any causes of lung abscess.
20. What is cirrhosis? What are the complications of cirrhosis?
21. Name two side effects of Esmolol.
22. Name any two, bronchodilator drugs.
23. Name any two actions of prostaglandins on body system.
24. Name any two drugs that elevate body sugar level.
25. Name any two pharmacological actions of antihistamines.

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