

Time : 3 Hrs.

[Max. Marks : 100]

PAPER –I

OPERATION THEATRE TECHNOLOGY-CLINICAL

Q.P Code : AHS-121

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. How will you prepare OT for laparoscopic appendicectomy. Mention post operative complications following a laparoscopic appendicectomy.
2. How will you prepare the OT and position the patient for a elective LSCS. What are the advantages of giving spinal anesthesia in LSCS.
3. Different types of wounds and the method of treatment. How will you prepare a suturing tray.

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. Circulating nurse.
5. Uses of ultrasound in OT.
6. Uses of putting a bandage.
7. Types of IV fluids used during surgery.
8. Factors responsible for fire in OT.
9. Precautions in using diathermy.
10. Trendelenberg position.
11. Care of OT table.
12. Universal precautions.
13. Surgical drain.
14. Sterilization of syringes.
15. Different types of endoscopes.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

16. Three surgeries done under trendelenberg position.
17. Three uses of ultrasound in operation theatre.
18. Three laser surgeries done in OT.
19. Precautions for collecting blood sample for ABG.
20. Two surgeries done in prone position.
21. Scalpel or surgical knife.
22. Catgut.
23. Saddle block.
24. Name three plastic surgical procedures commonly done.
25. Three drugs in emergency tray.
26. Three different types of endoscopes.
27. Three vasopressor drugs used after spinal anesthesia.

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(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences Third Year (Semester-VI)

B.Sc. Operation Theatre Technology (OTT)

October - 2018 Examination

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PAPER –II

OPERATION THEATRE TECHNOLOGY-APPLIED

Q.P Code : AHS-122

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. List out the premedication drugs. Write a note on antisialagogues.
2. Safety features in an anesthetic machine.

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

3. Laryngeal mask airways.
4. Sevoflurane.
5. Pethidine.
6. Adjuvants in spinal anesthesia.
7. Mandatory minimum monitoring in anesthesia.
8. Complications of general anesthesia.
9. Hypotension after anesthesia – causes.
10. Sedative hypnotics.
11. Blood products.
12. Flowmeters on the anesthetic machines.
13. Touhey's needle.
14. How do you clean and sterilize laryngoscopes?

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

15. Bougie.
16. Complications of endotracheal intubation.
17. Postoperative shivering – causes and management.
18. Hypoxia.
19. Vecuronium.
20. Total intravenous anesthesia (TIVA)
21. MAC (Minimal Alveolar concentration)
22. Types of endotracheal tubes.
23. Lignocaine.
24. Anesthetic adjuvants.
25. Magill's forceps.
26. Closed circuit.

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PAPER –III
OPERATION THEATRE TECHNOLOGY-ADVANCED
Q.P Code : AHS-123

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Explain the role of theatre assistant during thoracic procedures.
2. Explain the position and complications during thyroid surgeries.
3. Write down the name and function of lower respiratory tract.

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. NYHA classification.
5. Dyspnoea.
6. Arrhythmias.
7. What is use of nasogastric tube during general anaesthesia.
8. What is cyanosis? List some possible cause during and after surgery.
9. Enumerate the name of instruments for adenotonsilectomy.
10. List the colour types of intravenous canula and their uses.
11. Name five instrument used in vascular surgeries.
12. Precautions taken during prone position.
13. CPR.
14. Name of instruments for nephrolithotomy.
15. Care for mechanically ventilated patients.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

16. Anesthesia in renal transplantation surgeries.
17. Tray set up for eye surgeries.
18. Name three complications of tonsilectomy
19. Tray set up for enucleation?
20. Pre oxygenation.
21. Post operative care of nausea and vomiting.
22. Check list for cholecystectomy.
23. Instruments during FESS.
24. Theatre setting for CABG.
25. Check list for globe injury.
26. Nasogastric tube.
27. Position for mastoidectomy.

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