

B.Sc. Allied Health Sciences Second Year (Semester-III)

July-2017 Examination

B.Sc. Operation Theater Technology (OTT)

Time : 2.30 Hrs.

Paper - III

Max. Marks : 80]

Pharmacology

Q.P Code : AHS-117

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify anticholinergic agents. Write the therapeutic uses and adverse effects of atropine.
2. Classify local anaesthetics. Write the mechanism of action and therapeutic uses of lignocaine.

SHORT ESSAY (Answer any Six)

6X 5 = 30 Marks

3. Prodrug.
4. Explain mechanism of action, uses & adverse effect of diazepam.
5. Nasal decongestants.
6. Thiopentone sodium.
7. Explain the uses & contraindications to morphine.
8. Write the differences between crystalloids & colloids.
9. Pharmacokinetics of inhalational anaesthetic agents.
10. Advantages and disadvantages of intramuscular route of administration of drug.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. Define malignant hyperthermia. Mention two drugs which induce it.
12. Write uses of adrenaline.
13. Mention three drugs administered by transdermal route.
14. Mention two uses and one adverse effects of ketamine.
15. List three drugs given by intravenous route of administration.
16. Mention three factors which modify the drug action.
17. Mention three indications of beta blockers.
18. List three uses of Neostigmine.
19. Mention three plasma expanders.
20. Write three centrally acting skeletal muscle relaxants.
21. Mention three uses of alpha blockers.
22. Mention three differences between nitrous oxide and halothane.

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B.Sc. Allied Health Sciences Second Year (Semester-IV)

July-2017 Examination

B.Sc. Operation Theatre Technology (OTT)

Paper - IV

[Max. Marks : 80]

Time : 2.30 Hrs.

Medicine Relevant to OT Technology

Q.P Code : AHS-118

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Paediatric anesthesia table arrangement for bronchoscopy.
2. Maintenance and recording of anesthesia register.

SHORT ESSAY (Answer any Six)

6X 5 = 30 Marks

3. Any three crystalloid solutions used in operating room.
4. Basic life support.
5. Adrenaline.
6. Importance of oxygen saturation in General Anesthesia .
7. Parts of Laryngoscope.
8. Witness.
9. Face mask.
10. Classify Epilepsy.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. Myocardial infarction.
12. Shock.
13. Haemodialysis.
14. Professional Secrecy.
15. Fat embolism.
16. Laryngoscope Blades.
17. Magnesium.
18. Oxygen cylinder.
19. 3% Normal Saline.
20. Classify colloids.
21. Positioning during spinal anesthesia.
22. Malaria.

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