

PARAMEDICAL BOARD, BENGALURU
ANNUAL EXAMINATION, AUGUST 2019
III YEAR DIPLOMA IN OPERATION THEATRE & ANAESTHESIA
TECHNOLOGY(DOT&AT)

TIME:3 HRS

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 6131, ANAESTHESIA & ALLIED TOPICS

I. SHORT NOTES - ANSWER ANY EIGHT

8 x 5 = 40

1. Complications of blood transfusion
2. Circle system
3. Epidural anaesthesia
4. Basic life support
5. Postoperative care of high risk patients
6. ASA physical grading
7. Monitored Anaesthesia Care
8. Preoperative preparation of anaesthesia equipments (Cockpit Drill)
9. Laryngeal Mask Airways
10. Capnography

II. SHORT ANSWERS

20 X3 =60

11. Ambu bag
12. Noradrenaline
13. Lignocaine
14. Midazolam
15. Pethidine
16. Atropine
17. Isoflurane
18. Laryngoscope
19. Defibrillator
20. Emergency drugs
21. Ringer lactate
22. Neostigmine
23. Airway assessment
24. Clonidine
25. Spinal needles
26. Intravenous regional Anaesthesia
27. Bougie
28. Dexamethasone
29. Ventimask
30. Metaclopramide

VIDYA INSTITUTE OF PARA MEDICAL SCIENCES
(College Code - 342)
Mysore Road, Malavalli - 571430, Mandya Dist.

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Mysore Road, Malavalli - 571 430, Mandya Dist.

KARNATAKA NURSING & PARAMEDICAL SCIENCES EDUCATION (REGULATION) AUTHORITY
PARAMEDICAL BOARD, BENGALURU

SUPPLEMENTARY EXAMINATION, JANUARY 2020

III YEAR DIPLOMA IN OPERATION THEATRE & ANAESTHESIA TECHNOLOGY

QP CODE: 6131, ANAESTHESIA & ALLIED TOPICS(RS -2 SCHEME)

(WRITE IN GREEN ANSWERBOOK)

TIME:3 HRS

MAX. MARKS: 100

I. SHORT NOTES - ANSWER ANY EIGHT

8 x 5 = 40

1. Classify muscle relaxants and write a note on Atracurium.
2. Intravenous fluids and differences between crystalloids and colloids.
3. Complications of spinal anaesthesia.
4. Safety features in anaesthesia machine.
5. Blood grouping, typing and blood transfusion reactions.
6. Classify breathing systems and write a note on Jackson Rees circuit.
7. ASA grading in preanesthetic evaluation.
8. Describe different components of BLS.
9. Non-invasive monitoring in anaesthesia.
10. Sterilization of OT instruments.

II. SHORT ANSWERS

20x3=60

11. Ketamine
12. Informed consent
13. PIN index
14. Mcintosh Laryngoscope
15. Adrenaline
16. Premedication
17. Pulse oximetry
18. Fentanyl
19. Lignocaine
20. Lithotomy position
21. Ambu bag
22. Hydrocortisone
23. Colour coding of gas cylinders
24. Soda lime
25. Bougie
26. Bupivacaine
27. Indication of General Anaesthesia
28. Isoflurane
29. Drugs used in CPR
30. Preoperative fasting criteria

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PARAMEDICAL BOARD, BENGALURU
ANNUAL EXAMINATION, NOVEMBER 2020

III YEAR DIPLOMA IN OPERATION THEATRE & ANAESTHESIA TECHNOLOGY
(DOT & AT)

TIME: 3 Hrs (RS -2 SCHEME) MAX. MARKS:100

QP CODE: 6131, ANAESTHESIA & ALLIED TOPICS

(WRITE IN GREEN ANSWER BOOK)

SHORT NOTES - ANSWER ANY EIGHT

8 x 5=40

- 1 Classify muscle relaxants and write a note on Atracurium
- 2 Complications of spinal anaesthesia
- 3 Sterilization of OT instruments
- 4 Non invasive monitoring in anaesthesia
- 5 Describe different components of BLS
- 6 ASA grading in preanesthetic evaluation
- 7 Classify breathing systems and write a note on Jackson Rees circuit
- 8 Blood grouping, typing and blood transfusion reactions
- 9 Safety features in anaesthesia machine
- 10 Intravenous fluids and differences between crystalloids and colloids

SHORT ANSWERS

20x3=60

- 11 Ketamine
- 12 Informed consent
- 13 Preoperative fasting criteria
- 14 Drugs used in CPR
- 15 Indication of General Anaesthesia
- 16 Isoflurane
- 17 Bupivacaine
- 18 Bougie
- 19 Soda lime
- 20 Colour coding of gas cylinders
- 21 Hydrocortisone
- 22 Ambu bag
- 23 Lithotomy position
- 24 Supine position
- 25 Fentanyl
- 26 Pulse oximetry
- 27 Premedication
- 28 Adrenaline
- 29 Mc Intosh Laryngoscope
- 30 PIN index

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SUPPLEMENTARY EXAMINATION, JULY 2021

III YEAR DIPLOMA IN OPERATION THEATRE & ANAESTHESIA TECHNOLOGY
(DOT &AT)

TIME: 3 Hrs (RS -2 SCHEME) MAX. MARKS:100

QP CODE: 6131, ANAESTHESIA & ALLIED TOPICS

(WRITE IN GREEN ANSWER BOOK)

SHORT NOTES - ANSWER ANY EIGHT

8 x 5=40

- 1 Safety features of Anaesthesia workstation
- 2 Patient positioning, hazards and care of patients during spinal anesthesia
- 3 Suction apparatus - principles and uses
- 4 Propofol - content, dosage, uses and its adverse effects
- 5 Oxygen flush - why, when and how to use
- 6 Explain in detail about basic standard non invasive monitoring
- 7 Occupational hazard to OT personnel
- 8 Details of Bain's circuit with functional analysis
- 9 Laryngeal mask airway
- 10 Torniquets

SHORT ANSWERS

20x3=60

- 11 JR circuit
- 12 Fentanyl
- 13 Venturi mask
- 14 Ondansetron
- 15 Normal saline
- 16 Atropine
- 17 Vecuronium
- 18 Airway exchange catheter
- 19 Face mask - sizes and triple maneuver
- 20 Record keeping
- 21 Combitube
- 22 Spinal additives
- 23 Preoperative fasting guidelines
- 24 Preloading
- 25 Endotracheal tubes- sizes, types and fixing
- 26 Informed written consent
- 27 Drugs used in CPR
- 28 Hydroxyethyl starch
- 29 Drug labelling
- 30 Spinal needles

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SHORT NOTES - ANSWER ANY EIGHT

8 x 5=40

- 1 Spinal anaesthesia
- 2 Pulse oximeter
- 3 Basic life support
- 4 Inhalational agents- Names and indications
- 5 Pain management
- 6 Premedication
- 7 Complications of blood transfusion
- 8 Cleaning anaesthetic equipments
- 9 Monitoring
- 10 Informed consent

SHORT ANSWERS

20x3=60

- 11 Guedels airway
- 12 Lignocaine
- 13 Glycopyrrolate
- 14 Morphine
- 15 Ringers lactate
- 16 Bains circuit
- 17 Epidural needles
- 18 Propofol
- 19 Halothane
- 20 Htdrocortisone
- 21 Diazepam
- 22 Deriphylline
- 23 Atracurium
- 24 Metaclopramide
- 25 Ventimask
- 26 Suction apparatus
- 27 Laryngoscope
- 28 Defibrillator
- 29 Clonidine
- 30 ASA grading

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