



**INDIRA GANDHI NATIONAL SKILL MISSION**  
AN AUTONOMOUS BODY, UNDER GOVT ACT – NEW DELHI  
NATIONAL DEVELOPMENT ORGANISATION, PROMOTED BY GOVT OF INDIA  
Regd Ministry of MSME, Govt of India  
A CENTRAL BOARD OF VOCATIONAL EDUCATION



**DIPLOMA IN OPERATION THEATRE TECHNOLOGY**  
**TWO YEARS (FIRST YEAR) EXAMINATION QUESTION**  
**COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS**

**I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) What is an Interjection?
- 2) Define the formation of Adjectives?
- 3) Explain any five functions in MS Excel
- 4) Define indefinite Article?
- 5) Word screen
- 6) Define formation of noun words?
- 7) What is meant by preposition?
- 8) Status bar
- 9) Digital computer
- 10) 10 T) hAet tsrihbort cut for Italic is .....

**2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Title bar
- 2) Shutdown the computer
- 3) Explain types of computer
- 4) Importance of information technology
- 5) Importance of information technology

**3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Define modal verbs?
- 2) Explain 'find', 'replace' and 'go to'.
- 3) Explain in detail about Degrees of comparison?
- 4) Causes of respiratory distress
- 5) Spin box

**4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) Write about INTERNET?
- 2) What is Internet what are its advantages
- 3) Explain details of Accessories in windows?
- 4) Explain MS Excel



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**DIPLOMA IN OPERATION THEATRE TECHNOLOGY**  
**TWO YEARS (FIRST YEAR) EXAMINATION QUESTION**  
**ANATOMY & PHYSIOLOGY**

**I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) Define blood?
- 2) Peristalsis
- 3) The sacrum
- 4) Organs of the human body
- 5) Neuron
- 6) Bile
- 7) List down the parts of ear?
- 8) Sternum
- 9) The veins
- 10) The Neosphorrot neut for Italic is .....

**2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Scapula
- 2) Pleural effusion
- 3) Neurone
- 4) Pancreas
- 5) Blood

**3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Composition & functions of blood
- 2) Lymphnode
- 3) Stomach
- 4) Brain
- 5) Ribs

**4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) What is shatkarma? Write about the role of shatkriya to prevent or to cure diseases.
- 2) Describe central nervous system
- 3) Describe the anatomy of heart with the help of pictures
- 4) Describe the urinary system and urine formation with the help of neat diagram



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## **DIPLOMA IN OPERATION THEATRE TECHNOLOGY**

### **TWO YEARS (FIRST YEAR) EXAMINATION QUESTION**

#### **ANAESTHESIA DRUGS,EQUIPMENT & SPECIAL OPERATION THEATRE TRAY SET UP**

##### **I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) Amboo Bag
- 2) Define Sterilisation
- 3) General anaesthesia
- 4) Disinfection ?
- 5) Define Regional anaesthesia
- 6) Write physical method of boiling
- 7) Rotameters ?
- 8) Define Spinal anaesthesia
- 9) General surgery
- 10) The G sehnorrta cl uatn faers Itthaelsicia is .....

##### **2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Swab
- 2) Pin index
- 3) Non- Boilable instrument
- 4) Inhalation anaesthesia
- 5) Write about the tray set up of local anaesthesia

##### **3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Trichloroethylene ?
- 2) Inj Propofal
- 3) Spinal cord
- 4) Tray setup for spinal and epidural anaesthesia
- 5) Needle

##### **4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) Tray set up for bone grafting
- 2) Explain about role of the theatre assistant in during anaesthesia
- 3) Describe different types of suture materials.
- 4) Briefly explain about heart Surgery



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**DIPLOMA IN OPERATION THEATRE TECHNOLOGY**  
**TWO YEARS (FIRST YEAR) EXAMINATION QUESTION**  
**SURGICAL PROCEDURES (DISINFECTION ON STERILIZATION) CARE OF PATIENT**

**I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) Peripheral nerve stimulator
- 2) Inhalation anaesthesia ?
- 3) Disinfection
- 4) Bone marrow aspiration
- 5) Infection control in OT.
- 6) Pasteurization
- 7) ETO sterilization
- 8) Scrubbing
- 9) Autoclaving
- 10) The correct cut for Italic is .....

**2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Boyle's apparatus ?
- 2) TAH set ?
- 3) Wrigley foreps
- 4) Classification of microorganism
- 5) TAH set.

**3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Heparin resistance
- 2) Causes of cardiac arrest ?
- 3) Chemical disinfection.
- 4) Supine position.
- 5) Boyle's apparatus.

**4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) Explain the general instructions of CPR techniques ?
- 2) Describe the segregation of Biomedical waste and explain autoclaving ?
- 3) Explain disinfection and sterilization procedure of OT.
- 4) Explain the hospital protective measure



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## **DIPLOMA IN OPERATION THEATRE TECHNOLOGY**

### **TWO YEARS (FIRST YEAR) EXAMINATION QUESTION**

#### **OPERATION THEATRE TECHNIQUES**

##### **I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) Osteotomy ?
- 2) OT Fumigation
- 3) Suction Procedure
- 4) Scrubbing Procedure.
- 5) CSSD
- 6) Lithotomy position.
- 7) Abbreviations - POC
- 8) Responsibilities of the scrubbed nurse ?
- 9) Supine position
- 10) 1 T)h eT usbheocrtt ocmuty f?or Italic is .....

##### **2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Recovery room
- 2) Glove wearing technique
- 3) Procedure for aseptic technique
- 4) Step for blood transfusion
- 5) Write briefly about lithotomy position?

##### **3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Write about different method of sterilization
- 2) Important part of surgical suit
- 3) Non boilable instruments ?
- 4) Antiseptics
- 5) Write about CSSD procedures of formalities

##### **4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) Explain the instruments of abscess incision ?
- 2) Describe scrub persons duty.
  - 3) Explain all techniques Hand washing, Gown, Cap, Mask, Gloves
- 4) Explain Anaesthetic machines



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## **DIPLOMA IN OPERATION THEATRE TECHNOLOGY**

### **TWO YEARS (FINAL YEAR) EXAMINATION QUESTION**

#### **CARE OF PATIENT UNDERGOING SURGERY (PRE AND INTRA OPERATIVE) AFTER C**

##### **I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) Tracheostomy
- 2) Infection control in OT.
- 3) Causes of cross infection ?
- 4) Adrenaline
- 5) Care of equipment
- 6) Laprotomy set.
- 7) Induction agents.
- 8) Pre-medication
- 9) SPO2 monitor.
- 10) T1h0e) sThrorltle cyu st efto ru pIt afolirc aism .p..u..t.a..t.i.o.n..s. ?

##### **2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Pre operative care of patient undergoing general abdominal surgery
- 2) Syringe pump
- 3) Write about Cardiac monitor and their placement?
- 4) Endoscopic instruments used in urology.
- 5) Fissurectomy set.

##### **3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Write about drugs used for local anesthesia?
- 2) Boyle's apparatus.
- 3) TAH set ?
- 4) Pre and intra operative care of patient under going neck surgery
- 5) Pre operative care of patient undergoing general abdominal surgery ?

##### **4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) Describe about special care for sharp instruments ?
- 2) Describe about pre operative care ?
  - 3) Explain the disinfection and cleaning of defibrillator, heart lung machine, ventilator and its tubings ?
- 4) explain the necessity of surgery



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**DIPLOMA IN OPERATION THEATRE TECHNOLOGY**  
**TWO YEARS (FINAL YEAR) EXAMINATION QUESTION**  
**SURGICAL PROCEDURES AND MONITORING OPERATION THEATRE ETHICS, SAFETY F**

**I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) Medical asepsis
- 2) Narcosis.
- 3) Body mechanic
- 4) Fatigue factor
- 5) Pre operative teaching of the nurse ?
- 6) Describe caution with bedsores?
- 7) Define bio-medical waste?
- 8) Surgical asepsis
- 9) Magles forceps ?
- 10) T1h0e) sPhroerotp ceurta tfiovre I tteaalicc hisin .g.....

**2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Write about general instruments set up?
- 2) Legal and ethical issues in monitoring
- 3) Intravenous pump
- 4) Disposal of OT waste ?
- 5) Fire hazard and protective measures to be taken ?

**3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Legal and ethical issues in monitoring ?
- 2) Role of theatre assistant in monitoring safety of OT
- 3) Name the Monitoring parameters during open heart surgery ?
- 4) Surgical procedure ?
- 5) Safety for operation room

**4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) Explain different modes of ventilator.
- 2) Describe about fire safety in OT
- 3) Explain the tray set up for cardiac surgery.
- 4) Describe counting procedure.



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## **DIPLOMA IN OPERATION THEATRE TECHNOLOGY TWO YEARS (FINAL YEAR) EXAMINATION QUESTION**

### **INFECTION CONTROL IN OPERATION THEATRE ROLE OF THE THEATRE ASSISTANT**

#### **I. SHORT ANSWER QUESTIONS: ( 10X2 = 20 )**

- 1) Syringe Pump ?
- 2) Incineration
- 3) Laparoscopy ?
- 4) Diposal of OT waste ?
- 5) Define sterilization?
- 6) Diposal of OT waste
- 7) Surgical scrub
- 8) Spore
- 9) ABBREVIATION - CSSD
- 10) 1 OT)h eS tsehriolert actutitr efor Italic is .....

#### **2. WRITE SHORT NOTES ON: ( 5X3 = 15 )**

- 1) Isopropylacohol
- 2) Disinfection of gloves
- 3) Scrubbing
- 4) Disinfection of surgical equipment
- 5) Sterilization of syringes and glass wares

#### **3. WRITE SHORT NOTES ON: ( 5X5 = 25 )**

- 1) Methods of Sterilization
- 2) Sterilization of endoscope after use
- 3) Write about methods of disinfection for various items?
- 4) Psycological support of Surgical patient.
- 5) Preparation and sterilization of rubber goods

#### **4. ESSAY QUESTIONS: ( 4X10 = 40 )**

- 1) Discuss the segregation of Biomedical waste and write about colour coding system ?
- 2) Explain environment protection agency?
- 3) Explain the process of instrument cleaning and decontamination.
- 4) Describe about the prevention of contamination in operation room