

PARUL UNIVERSITY
PARUL INSTITUTE OF VOCATIONAL STUDIES
B.Sc. Med. Sci. April-2023 Examination

Year : 3

Subject Code: 19109301

Subject Name: Operation theatre technology I

Date: 11/04/2023

Time: 10:00am to 1:00pm

Total Marks: 70

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1(A): Answer the following questions in details (2 out of 3) (Each worth 7.5 marks) 15

- (i) Define BMW. Write objective for management of BMW and Colour coding for segregation of BMW.
- (ii) Define Wound and write detail about classification of wound.
- (iii) Short Note: Bandaging

Q.1(B): Answer in short (5 out of 7) (Each worth 1 marks) 05

- (i) Define antimicrobial resistance (AMR)?
- (ii) What is Neoplastic Diseases?
- (iii) HAI Stands for:
- (iv) List out factors affecting wound healing.
- (v) What is the use of NG tube?
- (vi) List out the component of PPE.
- (vii) Which type of diseases transmitted through droplet?

Q.2(A): Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15

- (i) Explain principle of wound suturing.
- (ii) Explain Sources of Infection.
- (iii) What are the causes of neoplastic diseases?
- (iv) Explain the types of feeding tube.
- (v) Explain the different type of Positioning.

Q.2(B): Answer in short (5 out of 7) (Each worth 1 marks) 05

- (i) Define Hematomas.
- (ii) Write two blood-borne and air-borne diseases.
- (iii) List out the bandages materials.
- (iv) Define Positioning.
- (v) What are the signs of an Infected wound?
- (vi) What is J tube?
- (vii) List out the categories of BMW.

Q.3: Write a detailed note on the following (2 out of 3) (Each worth 7.5 marks) 15

- (i) Define Sterilization. Explain methods of Sterilization.
- (ii) Define Nosocomial infection. Explain The detail about chain of infection.
- (iii) Short note: Universal precautions.

Q.4: Write short notes on any of the following (3 out of 5) (Each worth 5 marks) 15

- (i) Explain wound healing process.
- (ii) Define cardiac surgery and explain types of cardiac surgery.
- (iii) Explain detail about management of infection
- (iv) Write the surgical anatomy of thyroid gland & Write details about types of thyroid surgery.
- (v) Write symptoms and complication of Wound.