

BACHELOR OF SCIENCE (ENDOSCOPY) (CBCS-2021 COURSE)
B.Sc. (ENDOSCOPY) Sem - III : WINTER- 2022
SUBJECT : MAINTENANCE & STERILIZATION OF ENDOSCOPES &
INSTRUMENTS-I

Day : Wednesday

Time : 10:00 AM-12:00 PM

Date : 18-01-2023

W-25087-2022

Max. Marks : **20**

N.B.

- 1) There are three sections as
Section – A = Objective Type questions - 20 marks
Section – B = Long Answer questions - 20 marks.
Section – C = Short Answer questions - 20 marks.
- 2) Section B has three long questions and **ANY TWO** questions have to be answered.
- 3) Section C has six short questions and **ANY FOUR** questions have to be answered.
- 4) Section A is given in **SEPARATE** sheet and has to be answered on same sheet. This sheet should be completed with the first 20 minutes of starting of the examination. This sheet with Section A only will be collected by Supervisor.
- 5) You have to make such kind of mark in the box of the appropriate answers.

Seat No. : _____

SECTION - A

M.C.Q's

(20)

- 1 Which agent is used for drying of endoscope channels?
 - a) Alcohol
 - b) Ether
 - c) Sterilium
 - d) Steam
- 2 After storage for how many days, endoscopes should be reprocessed?
 - a) 2-3
 - b) 5-7
 - c) 8-10
 - d) Daily
- 3 Enterococci are
 - a) Viruses
 - b) Fungus
 - c) Bacteria
 - d) Helminth
- 4 ETO is method of
 - a) Cleaning
 - b) Packaging
 - c) Sterilization
 - d) Washing

PTO

5 Boiling is a method of

- a) Moist heat
- b) Dry heat
- c) Fumigation
- d) Cleaning

6 Air/water channel button has what colour?

- a) Blue
- b) Green
- c) Red
- d) Yellow

7 Spaulding classification classified medical devices based on

- a) Repeated use
- b) Risk of infection
- c) Patient tolerance
- d) Duration of procedure

8 Cidex is human carcinogen. This statement is

- a) True
- b) False
- c) None
- d) Only on skin contact

9 Which of the following is not a type of gloves?

- a) Powdered
- b) Non-powdered
- c) Silicon
- d) Cidex

10 For universal precaution patients, which kit is used

- a) X
- b) Y
- c) Z
- d) None of the above

Total marks obtained : _____

Signature of Invigilator : _____

Signature of Examiner : _____

BACHELOR OF SCIENCE (ENDOSCOPY) (CBCS-2021 COURSE)
B.Sc. (ENDOSCOPY) Sem - III : WINTER- 2022
SUBJECT : MAINTENANCE & STERILIZATION OF ENDOSCOPES &

INSTRUMENTS-I

Day : Wednesday

Time : 10:00 AM-12:00 PM

Date : 18-01-2023

W-25087-2022

Max. Marks : 40

N.B.

- 1) There are three sections as
Section – A = Objective Type questions - 20 marks.
Section – B = Long Answer questions - 20 marks.
Section – C = Short Answer questions - 20 marks.
 - 2) Section B has three long questions and **ANY TWO** questions have to be answered.
 - 3) Section C has six short questions and **ANY FOUR** questions have to be answered.
 - 4) Answer to both the sections should be written in **SAME** answer book.
-

SECTION – B

Long answer questions (Attempt **ANY TWO**) **(20)**

- 1) Classify micro-organisms which may be transmitted during endoscopy procedures.
- 2) Describe fumigation of endoscopy suite.
- 3) Describe mechanism of action, advantages and disadvantages of
 - i) Enzyme detergent
 - ii) Isopropyl alcohol.

SECTION – C

Short answer questions (Attempt **ANY FOUR**) **(20)**

- 1) Draw diagram of i) leak tester ii) injection tube.
- 2) Write about procedure to hand-over endoscopes to maintenance department.
- 3) Enumerate contents of z-kit used by personnel.
- 4) Describe mechanism of action of autoclaving.
- 5) Enumerate disinfectants used in endoscope reprocessing.
- 6) Describe use of hydrogen peroxide in sterilization of endoscopes.
