

BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)

B.Sc. (Lab Sci) Sem-II :SUMMER- 2022

SUBJECT : INTRODUCTION TO QUALITY & PATIENT SAFETY

Day : Saturday

Time : 10:00 AM-12:00 PM

Date : 16-07-2022

S-21610-2022

Max. Marks : 10

N. B. :

- 1) There are **THREE** sections as
Section – A – Objective Type Questions – 10 Marks
Section – B – Long Type Questions – 20 Marks
Section – C – Short Type Questions – 10 Marks
- 2) Section – A is given on **SEPARATE** sheet and has to be answered on **SAME** sheet. This sheet should be completed within the **first 20 minutes** of starting of the examination. This sheet with Section – A only will be collected by Supervisor.
- 3) You have to make ✓ such kind of mark in the box of the appropriate answers.
- 4) There is no negative marking.

Seat No. : _____

SECTION – A

Q.1 MCQ's

- 1) The term MSDS stands for _____
 - a) Man Safety Data sheet
 - b) Medical Supplies Data Sheet
 - c) Material Safety and Data Sheet
 - d) Material Safety Data Sheet
- 2) First aid after any sharp injury includes _____
 - a) Tying a tourniquet
 - b) Washing the wound under running water
 - c) Suturing the wound
 - d) Dressing
- 3) Process used to kill microbes and their spores _____
 - a) Antiseptics
 - b) Sterilization
 - c) Asepsis
 - d) Disinfectant
- 4) The process of disposing bio medical waste in a properly designed furnace under suitable temperature and operating conditions is called as _____
 - a) Land fill
 - b) Recycling
 - c) Vermi composting
 - d) Incineration

P. T. O.

- 5) When should you wash your hands with soap and water?
- a) When your hands are visible dirty
 - b) Before / after eating
 - c) After using the rest room
 - d) All of the above
- 6) Maharashtra Pollution Control Board (MPCB) has classified the bio medical waste into _____ categories as per the 2019 guidelines.
- a) 2
 - b) 3
 - c) 4
 - d) 5
- 7) What are the Occupational Hazards related to Laboratory?
- a) Chemical hazard
 - b) Bio hazard
 - c) None of the above
 - d) All of the above
- 8) Hand rub should be performed within _____
- a) 25 to 30 seconds
 - b) 45 to 50 seconds
 - c) 1 Minute
 - d) 2 Minutes
- 9) Mark correct segregation of Microbiological culture in BMW bag.
- a) Directly in yellow bag
 - b) Red bag
 - c) After autoclaving into yellow bag
 - d) Black bag
- 10) In which condition Informed consent is not required?
- a) HIV Test
 - b) Informed consent in MRI contrast
 - c) For Histopathology test
 - d) Intramuscular injection in Casualty (Emergency Department)

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N. B. :

- 1) There are **THREE** sections as
Section – A – Objective Type Questions – 10 Marks
Section – B – Long Answer Questions – 20 Marks
Section – C – Short Answer Questions – 10 Marks
- 2) Section – B has Four Long answer questions and **ANY TWO** questions have to be answered.
- 3) Section – C has Six Short answer questions and **ANY FIVE** questions have to be answered.
- 4) Section – B and Section – C should be written in **SAME** answer sheet.
- 5) Draw neat and labelled diagrams **WHEREVER** necessary.

SECTION – B

Long Answer Questions (attempt ANY TWO) (20)

- 1) Enlist any five IPSG (International Patient Safety Goals) and explain any two in detail.
- 2) Enumerate indications for Basic Life Support (BLS). Explain CAB sequence of BLS.
- 3) Differences between Sterilization and Disinfection. Explain various methods of Sterilization.
- 4) Define Accreditation. Explain its benefits to Patients, Hospitals, Employees and Regulatory bodies.

SECTION – C

Short Answer Questions (attempt ANY FIVE) (10)

- 1) Define Quality and enlist 10 chapters of NABH.
- 2) Describe management of code red in laboratory.
- 3) Incident Reporting Mechanism.
- 4) Use of different Personal Protective Equipments (PPE) in hospital.
- 5) Color code of BW and their utility.
- 6) Vulnerable patient policy.