

M.H.A. SEM.-III (CBCS-2018 COURSE) : SUMMER - 2022
SUBJECT : BIOMEDICAL WASTE MANAGEMENT, NASOCOMIAL INFECTIONS
AND BIOSAFETY

Day : Tuesday
Date : 07.06.2022

S-19579-2022

Time : 10:00 AM TO 1:00
Max. Marks : 60 P.M.

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Answer to both the sections should be written in **SEPARATE** answer book.
- 4) Draw neat diagram **WHEREVER** necessary.

SECTION – I

Q.1 Answer **ANY TWO** of the following. **(20)**

- a) What are the common risks associated with healthcare waste and what are their impact on public health.? Explain.
- b) Explain the methods to use Recycle, Reuse, Recovery of biomedical Waste.
- c) Explain in brief thermal, mechanical and biological methods of treatment of biomedical waste.

Q.2 Write short notes on **ANY TWO** of the following. **(10)**

- a) Advantages and disadvantages of hydroclave.
- b) Process of encapsulation.
- c) Steps of autoclave process.

SECTION – II

Q.3 Answer **ANY TWO** of the following. **(20)**

- a) What are the transmission based precautions for infection control? Explain.
- b) Differentiate between Disinfection and Sterilization. Describe various levels of disinfectants commonly used in hospitals.
- c) Write the components of training module for 'Hand Hygiene'.

Q.4 Write short notes on **ANY TWO** of the following. **(10)**

- a) Post-Exposure Prophylaxis.
- b) Personal Protective equipment.
- c) BSL-2.

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