

BSc (Sem.-VI) Examination

CC 308

Health Hygiene

April-2017

Time : 3 Hours]

[Max. Marks : 70

- Que-1 Answer the following questions (Any two) 14
- A. Explain the basic setup of Operation Theater.
 - B. Give an account of Cryosurgery.
 - C. What are Vital signs and how it is monitored?
 - D. Write a short note on Angiography.
- Que-2 Answer the following questions (Any two) 14
- A. Describe X-ray Screening Photography.
 - B. Explain principle and applications of MRI.
 - C. Write down the importance of Echocardiograph.
 - D. Discuss the Principle of Tomography.
- Que-3 Answer the following questions (Any two) 14
- A. Explain any two Endoscopy procedures.
 - B. Discuss the use of split lamp microscope.
 - C. Give an account of Ophthalmoscope.
 - D. Explain Audio-Visual testing procedures in brief.
- Que-4 Answer the following questions (Any two) 14
- A. Discuss the working and use of Neonatal incubator.
 - B. Explain the role of radiation sources used in cancer treatment.
 - C. Write down the principle and use of Defibrillator.
 - D. Describe therapeutic use of electric shock.
- Que-5 Answer the following questions (All are compulsory) 14
1. What is VER?
 2. Define PET Scan.
 3. In which medical situation CT scan is recommended?
 4. Give the full form of ERG and EOG.
 5. What is Tilt test?
 6. Name the radiations used in primary diagnosis.
 7. When is oxygen mask needed?
 8. Give the role of Ultrasonography in medical profession.
 9. Enlist the component of Anesthesia machine.
 10. What is Dialyzer?
 11. Define Lithotripsy
 12. Give advantages of Barium meal study.
 13. What is objective for Cancer radiation?
 14. Give the use of Doppler Ultra sound test.

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Q-1 Answer any two of the following

[14]

- A. Discuss nature of medical wastes and its management and disposal
- B. Explain the basic concept of hospital management.
- C. Explain the types of manpower and their role in hospital.
- D. Explain the support services required in a hospital

Q-2 Answer any two of the following

[14]

- A. Write a note on conventional and modern fumigation methods.
- B. Describe basic setup of operation theatre.
- C. Explain quality assurance in pharma sector.
- D. Briefly explain validation of medical procedures and instruments.

Q-3 Answer any two of the following

[14]

- A. Explain first-aid treatment for Ischemic heart disease.
- B. Write objectives behind commonly practiced ward procedures.
- C. Write a short note on adult CPR.
- D. Explain first-aid treatment for dehydration and respiratory obstruction

Q-4 Answer any two of the following

[14]

- A. Give brief account of components and use of life support system
- B. Explain pre-operative preparations
- C. Explain post-partum and neonatal care
- D. Describe preparedness for responding to medical emergency

Q-5 Answer the following in short:

[14]

1. What are hospital logistics?
2. What is a role of health-care professionals?
3. What is clinical utility?
4. What are the benefits of ISO certification?
5. What is NABH?
6. What is the significance of pulse oximeter machine?
7. In which conditions defibrillation treatment is given?
8. Which are the personal protective equipment in operation theatre?
9. What is main purpose of CPR?
10. What is third degree burn?
11. Trauma centre provides care for patients suffering from _____.
12. Define pre-operative care.
13. Why microbiological surveillance is necessary?
14. What is sterilization protocol?