

Second Year B.Sc Perfusion Technology Degree Examinations August 2018

Applied Pathology & Applied Microbiology

Time: 3 Hrs

Max. Marks:100

- Answer all questions
- Draw diagram wherever necessary
- Write section A and section B in separate answer books(32 Pages). Do not mix up questions from section A and section B.

Q P Code: 201016

Section A – Applied Pathology

Marks: 50

Essays:

(2x10=20)

1. Define and classify the anemia. Enumerate the tests used in the diagnosis of anemias.
2. Enumerate the coagulation disorders. Enumerate the coagulation tests.
Describe briefly the diagnosis of the most common hereditary coagulation disorder.

Short notes:

(4x5=20)

3. Classify leukemias
4. Thromboembolism
5. Silicosis
6. Acute renal failure

Answer briefly:

(5x2=10)

7. Define hemolytic anemia
8. Define COPD
9. Define end stage renal disease
10. Causes of pleural effusion
11. Types of urinary calculi

Q P Code: 202016

Section B – Applied Microbiology

Marks: 50

Essays:

(2x10=20)

1. Enumerate the infections transmitted through respiratory route. Describe in detail the laboratory diagnosis and prevention of any one of them.
2. ENUMERATE THE VARIOUS HOSPITAL ACQUIRED INFECTIONS. DESCRIBE IN DETAIL ABOUT ANY ONE OF THEM"

Short notes.

(4x5=20)

3. Hepatitis C
4. Catheter related blood stream infections
5. Gaseous disinfectants
6. Vancomycin resistant enterococci

Answer briefly:

(5x2=10)

7. CENTRAL STERILE SUPPLY DEPARTMENT
8. Cold sterilization
9. Sterilization controls
10. Air sampling
11. Haemophilus influenzae
