

3 SEM TDC MD (CBCS) SEC 3.1

2 0 2 0

(Held in April–May, 2021)

ZOOLOGY

(Skill Enhancement Course)

Paper : SEC 3.1

(Medical Diagnostics)

Full Marks : 40

Pass Marks : 16

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

All questions are compulsory

1. Fill in the blanks : 1×4=4

(a) Tuberculosis is caused by pathogen
_____.

(b) Hepatotropic viruses (hepatitis) are of
_____ different types.

(2)

(c) Type I diabetes is a/an _____ disease.

(d) _____ examination is the most important
method of cancer diagnosis.

2. Write very briefly on any *two* of the following :

3×2=6

(a) Cases of Type II diabetes

(b) Hypertension

(c) Glucometer

3. Distinguish between any *two* of the
following :

5×2=10

(a) Benign and malignant tumours

(b) X-ray and MRI

(c) Infectious and non-infectious disease

4. What is ESR? How is platelet count done
using haemocytometer? Write about the
composition of blood.

2+4+5=11

Or

What are the diagnostic measures of blood
analysis? Write briefly about differential
leucocyte count (DLC) and packed cell
volume (PCV).

2+4+5=11

(3)

5. Prepare a note on diagnostic method of urine analysis. 9

Or

What are the different types of Hepatitis?
Explain the causes, symptoms and prevention of hepatitis. 2+2+2+3=9

★ ★ ★