Dr. V.S KRISHNA GOVERNMENT DEGREE COLLEGE (AUTONOMOUS)
VISAKHAPATNAM

SEMESTER – V

PAPER – VII

Cell Biology & Immunology – 52278

TIME : 3Hrs **Max Marks : 75**

SECTION –A

Answer all questions. (Draw the diagram wherever necessary): **5 X 10 = 50 M**

1. (a) Write the composition of prokaryotic / Eukaryotic cells.

(Or)

(b) Write the structure & functions of mitochondria

2. (a) Explain the signaling molecules and their receptor

(Or)

(b) Explain the events of mitotic phase

3. (a) Write the development &causes of cancer

(Or)

(b) Describe the oncogens

4. (a) Explain the organs of Immuns system.

(Or)

(b) Write the classifications of Immunoglobulin

5. (a) Write any two Antigen – Antibody reactions.

(Or)

(b) Write the classifications of vaccins.

SECTION – B

Answer any Five of the following. Each carries 5 Marsk5 X 5 = 25 M

6. Structure & Function of Nucleus.
7. Endoplaymic reticulum.
8. Meiosis.
9. Eukaryotic cell cycle.
10. Tumerviruses.
11. Epitopes.
12. ELISA.
13. Hypersensitivity.

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