

Reg.No :

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1
SEMESTER EXAMINATIONS
APRIL – 2016 **NBT4A**
ANIMAL CELL AND TISSUE CULTURE

Time: 2 Hrs

Max. Marks: 50

SECTION – A (10 X 2 =20)

Answer ALL the questions.

1. Define animal cell culture.
2. Give two advantages of tissue culture.
3. What are the equipments used in cell culture?
4. What is media?
5. Define primary culture.
6. Explain the flask culture.
7. What is bioreactor?
8. Define stem cell.
9. Write notes on animal vectors.
10. What is meant by 'monoclonal antibody'?

SECTION – B (3 X 10 =30)

Answer any THREE of the following questions.

11. Explain the applications of animal tissue culture.
12. Describe in detail about cell culture media and its types.
13. Briefly explain about cloning.
14. Discuss the stem cells and their culture.
15. Define transgenic animal and explain its applications.

* * * * *