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D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS),VELLORE – 1

SEMESTER EXAMINATIONS

APRIL – 2017

15NBT4A

NON MAJOR ELECTIVE – II : ANIMAL CELL CULTURE

Time: 2 Hrs

Max. Marks: 50

SECTION – A (10 X 2 = 20)

Answer ALL the questions.

Define / explain the following.

1. Fermentation.
2. Cell Culture.
3. Culture media.
4. Trypsinization.
5. Bss.
6. Serum.
7. Stem cell.
8. Properties of stem cell.
9. Xeno transplantation.
10. Cloning.

SECTION – B (3 X 10 = 30)

Answer any THREE of the following questions.

11. Explain in detail about application of animal cell culture.
12. Add detailed notes on primary cell culture.
13. Explain in detail about Natural media for animal cell culture.
14. Explain about the sources of stem cell.
15. Write about the applications of transgenic animals.

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