

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, MARCH/APRIL 2015**

(UG-CCSS)

Core Course—Biotechnology

BT 6B 02—ANIMAL BIOTECHNOLOGY

Time : Three Hours

Maximum : 30 Weightage

I. Objective type questions. Answer **all** questions :

1 Serum can be sterilized by :

- (a) Autoclave. (b) Boiling at 60° C.  
(c) Filtration. (d) Hot air oven.

2 Characteristic of cancerous cells :

- (a) High contact inhibition. (b) Loose contact inhibition.  
(c) Definite life span. (d) None of these.

3 Which one is a feeder layer ?

- (a) Mouse fibroblast. (b) HeLa cells.  
(c) Kidney cells. (d) Epidermal cells.

4 Monoclonal antibody is developed by :

- (a) rDNA technology. (b) Hybridoma technology.  
(c) Immunoblotting. (d) Immune electrophoresis.

5 Which among the following is a natural medium ?

- (a) HEPES. (b) Eagle's medium.  
(c) Whites medium. (d) Plasma clot.

6 Which one is a normal cell line ?

- (a) MRC-5. (b) HeP-G2.  
(c) CaCO-2. (d) MCF-7.

State True or False :

- 7 Trypan Blue is a vital stain.  
8 Dead cells absorb Evan's blue.  
9 Primary cells are anchorage dependent.

**Turn over**

