



SE-3701

M. Sc. (Integrated Biotechnology)

(Sem. VI) Examination

April / May – 2011

IBT- 601 : Animal Biotechnology

Time : 3 Hours]

[Total Marks : 70

Instructions :

नीचे दृश्यावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M. Sc. (Integrated Biotechnology) (Sem. 6)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="IBT- 601 : Animal Biotechnology"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="1"/>	Section No. (1, 2,.....) : <input type="text" value="NIL"/>
Student's Signature	

1. Figures to the right indicate full marks of the question
2. Draw neat and labeled diagrams whenever necessary
3. Both sections must be written in separate answer books

Q 1 Attempt any two

18

- 1) Describe and discuss the methods for detection of genetic disorders.
- 2) State the application of forensic medicine in animal biotechnology.
- 3) Comment on some aspects of safety levels in animal biotechnology

Q 2 Answer any three

18

- 1) Elobrate on hay flick's limit.
- 2) Compare and contrast natural and artificial media.
- 3) Somatic cell hybridization and HAT selection for hybridization technology.
- 4) Cloning technique in animals.

Q 3 Describe any two

18

- 1) Sketch a general layout of animal house and mention what cares be taken for health of animals in an animal house
- 2) Elobrate on IUI, IVF and ICSI.
- 3) Discuss the cell preservation techniques

Q 4 Write short notes on any two

16

- 1) Nuclear transplantation and gene injection
- 2) Ethics of transgenic animals
- 3) Views on transgenic animal technology