



RAN - 2103001106020006

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B.Sc. Biotechnology (Sem. VI) Examination April - 2023

BT-22 Animal Biotechnology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

(૧)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

B.Sc. Biotechnology (Sem. VI)

Name of the Subject :

BT-22 Animal Biotechnology

Subject Code No.: **2103001106020006**

Seat No.:

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Student's Signature

Q-1. Write briefly (ANY FOUR):

[08]

- Cadherins.
- Hormone used for superovulation.
- Full form of MOET.
- Cell cycle.
- Tight junctions.
- Two disadvantages of serum free media.

Q-2. Attempt Any Two:

[14]

- Write in detail: Any equipment essential for cell culture laboratory.
- Advantages of animal tissue culture.
- Describe the types of tissue culture.

Q-3. Explain in detail Any Two:

[14]

- Sterilization of buffers and media.
- Sterile handling.
- Cell adhesion and cell adhesion molecules.

Q-4. Attempt Any Two of the following:

[14]

- In vitro fertilization.
- Discuss about artificial insemination and its advantages.
- What is complete media discuss in detail.