



RAN - 1903001103020002



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B. Sc. (Biotechnology) (Sem. - III) Examination

March - 2023

Mammalian Anatomy and Physiology : BT-06

સૂચના : / Instructions

(1)

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. - III)

Name of the Subject :

Mammalian Anatomy and Physiology : BT-06

Subject Code No.: **1903001103020002**

Seat No.:

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Student's Signature

(2) All questions are compulsory.

***O.M.R. Sheet ભરવા અંગેની અગત્યની સૂચનાઓ આપેલ
O.M.R. Sheetની પાછળ છાપેલ છે.***

***Important instructions to fillup O.M.R. Sheet
are given on back side of the provided O.M.R. Sheet.***

- Q. 36.** Increased motility in sperms is seen when exposed to the fluids present in _____ reproductive tract. This process is called as _____.
- A. Male, Acrosome reaction
 B. Female, Acrosome reaction
 C. Male, Capacitation
 D. Female, Capacitation
- Q. 37.** Heart pumps around _____ liters of Blood every day.
- A. 10 L
 B. 8 L
 C. 5 L
 D. 3 L
- Q. 38.** On the anterior surface of each atrium is a pouch like structure called as _____.
- A. Ventricle
 B. Auricle
 C. Atrium
 D. Sulci
- Q. 39.** Testosterone is secreted by _____.
- A. Sertoli cells
 B. Interstitial cells
 C. Prostate gland
 D. Seminal vesicles
- Q. 40.** _____ is NOT the part of mechanism of fertilization.
- A. Encounter of sperm & ovum
 B. Acrosomal reaction
 C. Gamatogenesis
 D. Ovum activation
- Q. 41.** _____ is necessary to maintain the tone of skeletal muscle tissue.
- A. Dopamine
 B. Serotonin
 C. Norepinephrine
 D. ACH
- Q. 42.** Myelin sheath
- A. Present in the myelinated and unmyelinated fibers
 B. Formed of wrappings of Schwann cells
 C. Formed of lipoprotein complex and act as electric insulators.
 D. Cause of decrease conduction of nerver impulse
- Q. 43.** Eggs having uniform yolk distribution is _____ type of egg.
- A. Isolecithal
 B. Mesolecithal
 C. Oligolecithal
 D. Telolecithal

SPACE FOR ROUGH WORK