



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester- IV) External Examination – 2026
(US04MIZOO01) (Basic physiology)

Date: 27-03-2026, (FRIDAY)

Time: 01:45 PM to 03:15 PM

Total marks: 25

Q-1 MULTIPLE CHOICE QUESTION

(05)

1. Fat digestion mainly occur in the
A. Mouth
B. Stomach
C. Small intestine
D. Large intestine
2. Bile is produced by the
A. Pancreas
B. Liver
C. Stomach
D. Gall bladder
3. The protein responsible for blood clotting is
A. Albumin
B. Globulin
C. Fibrinogen
D. Hemoglobin
4. The normal RBC count in human blood is:
A. 2 million/ mm³
B. 5 million/ mm³
C. 10 million/ mm³
D. 15 million/ mm³
5. Which vitamin helps in blood clotting?
A. Vitamin A
B. Vitamin B
C. Vitamin C
D. Vitamin K



- Q-2. A. Write a short note on enzymes involved in digestion. (06)
B. Write a short note on pancreatic juice. (04)
OR
- Q-2. A. Explain the chemical digestion of food in the stomach. (06)
B. Explain the function of the large intestine. (04)
- Q-3. A. Write a short note on Anemia and its types (06)
B. Write a note on blood transfusion compatibility. (04)
OR
- Q-3. A. Describe the types and function of leukocytes. (06)
B. Write a short note on hemoglobin. (04)