

SEAT No. _____

No. of Printed Pages: 2

[41]

SARDAR PATEL UNIVERSITY.

S.Y.B.Sc (THIRD SEMESTER) EXAMINATION.



WEDNESDAY, 16 /11/2022

TIME:10:00 a.m.—1:00 p.m.

US03CZOO 22 (ZOOLOGY)

(HUMAN PHYSIOLOGY & ADAPTATION)

TOTAL MARKS :70

10

Q-1

CHOOSE CORRECT ANSWER :

- 1 Absorption of food takes place in _____ .
a. Stomach b. Skeletal muscles c. Pancreas . d. Intestine.
- 2 Peptic ulcer occurs in _____ .
a. Tongue b. Heart c. Stomach d. Liver
- 3 Asthma is caused due to -----
a. Spasm in bronchial muscles. b. Infection of trachea.
c. Bleeding into pleural cavity. d.Infection of lungs.
- 4 Which of these contain vocal cords?
a. Ribs b. Diaphragm c. Intercostal muscles. d. Larynx.
- 5 Role of pace maker is to :
a. Initiate wave of contraction in heart b. Increases heart beat.
c. Regulate blood supply to heart d. Decreases heart beat.
- 6 In human heart _____ muscles are found.
a. Smooth b. Skeletal c. Cardiac . d. None.
- 7 Which one of the following is not a sexually transmitted disease?
a. Anemia. b. AIDS c. Syphilis d. Genital herpes.
- 8 Larynx belongs to _____ system.
a. Reproductive b. Nervous . c. Respiratory . d. Urinary .
- 9 House lizards are-----animal.
a. Arboreal. B. Fossoreal. C. Scansorial. D . Cave dwelling.
- 10 Bat is adapted for -----
a. Active flight. B . Passive flight. C . Both a and b. d . None.

[41]

(P.T.O.)

Q-2	ANSWER IN SHORT : (ANY TEN)	20
	1 List the names of digestive enzymes and hormones.	
	2 Write about functions of Liver.	
	3 What is gastroenteritis ?	
	4 What is Respiration ?	
	5 Write about Tuberculosis.	
	6 What is Epiglottis ?	
	7 Which factors regulates the process of genesis of red blood cells?	
	8 Give the name of events occur during one complete cardiac cycle.	
	9 Write about blood transfusion.	
	10 What is gliding flight ?	
	11 What are the electric organs?	
	12 What is conscious mimicry?	
Q-3	Write short notes on :	
	A Digestive Glands.	05
	B Ulcerative colitis.	05
	OR	
Q-3	A Defecation.	05
	B Digestion in Stomach.	05
Q-4	A Write a note on Respiratory organs of animals.	05
	B Write a note on Pneumonia.	05
	OR	
Q-4	A Write a note on Chemical regulation of respiration.	05
	B Transport of Gases.	05
Q-5	Describe the internal structure of Human heart & mechanism of Circulation.	10
	OR	
Q-5	A Describe about ABO system of Blood groups .	05
	B Explain – High Blood Pressure.	05
Q-6	Describe:	
	A Desert adaptation.	05
	B Camouflage.	05
	OR	
Q-6	A Write a note on Echolocation.	05
	B Describe : Mimicry.	05