

Enrollment No: _____

Exam Seat No: _____

C. U. SHAH UNIVERSITY

Winter Examination-2019

Subject Name : Human Anatomy & Physiology

Subject Code : 2SC01HAP1

Branch: PGDMLT

Semester : 1

Date : 14/11/2019

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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ANATOMY

Q-1 Attempt the following: **(07)**

1. Name the 4th and 10th cranial nerves
2. Enumerate the different chambers of the heart
3. What is the function of lymphatics?
4. How many vertebrae are present in the vertebral column?
5. What is an artery?
6. What is the function of liver?
7. What is function of diaphragm?

Q-2 Attempt all questions **(14)**

1. Describe lungs, parts and its function **05**
2. Describe working of the heart **05**
3. Describe the functions of pancreas **04**

OR

1. Describe classification of joints **07**
2. Classify bones **07**



- Q-3 Attempt all questions (14)
1. Describe arterio-venous anastomosis 05
 2. Explain Lymphatic system with the organs 05
 3. Write a short note on Typical animal cell 04

OR

1. Describe the cardio vascular system 07
2. Describe the digestive system in detail. 07

PHYSIOLOGY

- Q-4 Explain following terms: (6)
- | | |
|--------------------|--------------------|
| (A) Cyanosis | (B) Granulocytes |
| (C) Neurone | (D) Occipital lobe |
| (E) Central sulcus | (F) Pulse |

- Q-5 Write notes on : (15)
- | | | |
|-------------------------|-----------------------------------|----|
| (a) Lung function tests | OR Transport of respiratory gases | 05 |
| (b) Cardiac cycle | OR Phonocardiogram | 05 |
| (c) Functions of liver | OR Gastric function tests | 05 |

- Q-6 Write notes on : (14)
- | | | |
|----------------------|---------------------------|----|
| (i) Blood groups | OR Erythropoiesis | 07 |
| (ii) Glucocorticoids | OR Thyroid function tests | 07 |

