

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2019

**Subject Name : Human Anatomy & Physiology**

**Subject Code : 2SC01HAP1**

**Branch: PGDMLT**

**Semester : 1**

**Date : 12/03/2018**

**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 Answer the following: (07)

1. Name the 7<sup>th</sup> and 9<sup>th</sup> cranial nerves
2. Enumerate the+ different chambers of the heart?
3. What is the function of thyroid gland?
4. How many pairs of spinal nerves are present?
5. What is a vein?
6. What is the function of pancreas?
7. Where is apex beat heard?

Q-2 Attempt the following: (5+5+4)

1. Describe Coronary Arteries
2. Describe working of the lungs
3. Describe the functions of spleen

OR

1. Describe classification of joints (7+7)
2. Classify muscles



- Q-3 Attempt the following: (5+5+4)
1. Describe a typical nerve
  2. Lymphatic system with the organs
  3. Typical animal cell

OR

1. Describe the cardio vascular system (7+7)
2. Important sites for intramuscular injection with reason

### Physiology

- Q-4 Explain following terms (6)
- (1) Plasma proteins
  - (2) Normoblasts
  - (3) "Rh-factor"
  - (4) Alveoli
  - (5) Cyanosis
  - (6) Capillaries
- Q-5 Write notes on : (15)
- (a) G F R OR Renal function tests 7
  - (b) Action potentials OR Excitation contraction coupling 8
- Q-6 Attempt short notes (14)
- (A) Regulation of blood pressure OR Arterial pulse 7
  - (B) Gastric function tests OR Liver function tests 7

