

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

# C.U.SHAH UNIVERSITY

## Summer Examination-2022

Subject Name : Human Anatomy & Physiology-Theory

Subject Code : 3SC01HAP1

Branch: PGDMLT

Semester: 1

Date: 28/04/2022

Time: 11:00 To 02:00

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.
  - (5) Use separate answer books for Anatomy and Physiology sections.
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### ANATOMY

**Q.1) Attempt the following**

**(7)**

1. Name the 2<sup>nd</sup> and 7<sup>th</sup> cranial nerves.
2. What is Apex Beat?
3. What is the endocrine gland?
4. How many bones are present in the human body?
5. What is an end artery?
6. Name the Salivary gland present in the human body.
7. What is the function of the liver?

**Q.2) Attempt the following**

**(5+5+4)**

1. Describe Anatomy of the Heart.
2. Describe the different parts and functions of the Urinary system.
3. Write a short note on Sesamoid bone.

**OR**

**(7+7)**

1. Describe and classify muscles. Write in detail about skeletal muscle.
2. Describe and classify Joints with examples.

**Q.3) Attempt the following**

**(5+5+4)**

1. Describe the parts of the Long bone.



2. Important sites for Intramuscular Injection.
3. Draw a labeled diagram of the Respiratory system.

**OR**

**(7+7)**

1. Describe the lymphatic system with the organs.
2. Describe and classify Neurons.

### **PHYSIOLOGY**

Q.1. Attempt the following:

**(7)**

1. Write down normal value of Arterial Blood Pressure in adult male.
2. What is Leucocytosis?
3. Write down normal value of Haemoglobin in adult male.
4. What is Bradycardia?
5. What is Nephron?
6. What is Neuron?
7. Define Anaemia.

Q.2. Write notes on:

**(14)**

- (a) Erythropoiesis **OR** Role of platelets in Hemostasis
- (b) Pulse **OR** Electrocardiogram

**(7)**

**(7)**

Q.3. Write notes on:

**(14)**

- (a) Neutrophil **OR** Lymphocyte
- (b) Anterior Pituitary Hormones **OR** Posterior Pituitary Hormones
- (c) Functions of Stomach **OR** Gastric Juice

**(5)**

**(5)**

**(4)**

