

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

# C.U.SHAH UNIVERSITY

## Summer Examination-2018

**Subject Name : Anatomy & Physiology**

**Subject Code : 4NS01ANP1**

**Branch: B.Sc. (Nursing)**

**Year : 1<sup>st</sup>**

**Date : 06/09/2018**

**Time : 02:00 To 05:00**

**Marks : 75**

**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 book for Section A and Section B.**
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### SECTION-A (ANATOMY)

- Q-1 Attempt the following questions: (07)**  
(1 mark\*7=7 marks)
- |    |   |   |
|----|---|---|
| a) | The weight of liver is -----                        | 1 |
| b) | The shape of thyroid gland is -----                 | 1 |
| c) | ----- artery supplies oxygenated blood to diaphragm | 1 |
| d) | The smallest bone in the body is -----              | 1 |
| e) | S.A Node is also known as -----                     | 1 |
| f) | Longest bone in the body is -----                   | 1 |
| g) | Structural and functional unit of body is -----     | 1 |

**Attempt any one questions from Q-2 to Q-3:**

- Q-2 Attempt the following questions: (15)**
- |   |                                     |   |
|---|-------------------------------------|---|
| A | List the organs of Digestive System | 2 |
| B | Describe the Stomach in Detail      | 7 |
| C | Describe the Large intestine        | 6 |

- Q-3 Explain in detail Sympathetic and Parasympathetic Nervous System. (15)**

- Q-4 Give the structure of any three from A to E: (15)**
- |   |       |   |
|---|-------|---|
| A | Lungs | 5 |
| B | Skull | 5 |
| C | Ear   | 5 |
| D | Skin  | 5 |
| E | Brain | 5 |



**SECTION-B (PHYSIOLOGY)**

<b>Q-5</b>	<b>Define the following terms:</b> (1 mark*8=8 marks)	<b>(08)</b>
	a) Albumin	1
	b) Metabolism	1
	c) Erythropoietin	1
	d) Plasma	1
	e) Blood	1
	f) Bile	1
	g) Neuron	1
	h) Pleura	1

**Attempt any one question from Q-6 to Q-7:**

<b>Q-6</b>	Explain the Endocrine System in detail.	<b>(15)</b>
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<b>Q-7</b>	<b>Attempt the following questions:</b>	<b>(15)</b>
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- |          |  |          |
|----------|--|----------|
| <b>A</b> | Explain Mechanism of Vision  | <b>8</b> |
| <b>B</b> | Draw the Diagram of cross section of Eye Ball and write the different parts of Eye | <b>7</b> |

<b>Q-8</b>	<b>Describe in brief any three from A to E:</b>	<b>(15)</b>
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- |          |  |          |
|----------|--|----------|
| <b>A</b> | Menstrual Cycle.                       | <b>5</b> |
| <b>B</b> | Control of Blood Pressure.             | <b>5</b> |
| <b>C</b> | Explain about various types of Joints. | <b>5</b> |
| <b>D</b> | Cardiac Cycle.                         | <b>5</b> |
| <b>E</b> | Blood Coagulation.                     | <b>5</b> |

