

Enrollment No: _____ Exam Seat No: _____

C. U. SHAH UNIVERSITY

Summer Examination-2020

Subject Name : Anatomy & Physiology

Subject Code : 4NS01ANP1

Branch: B.Sc. (Nursing)

Year: 1

Date: 24/02/2020

Time: 02:30 To 05:30

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.
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SECTION-A (ANATOMY)

| | | |
|------------|------------------------------|-------------|
| Q-1 | Define the following: | (07) |
| | a) Define Lymph node | 1 |
| | b) Femur bone | 1 |
| | c) Retina | 1 |
| | d) Neuron | 1 |
| | e) Urethra | 1 |
| | f) Sperm | 1 |
| | g) Ovum | 1 |

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

| | | |
|------------|---|-------------|
| Q-2 | Explain about Heart in detail with labeled diagram. | (15) |
| Q-3 | Describe about kidney in detail with labeled diagram. | (15) |
| Q-4 | Write short notes on any three from A to E: | (15) |
| A | Spleen | 5 |
| B | Types of Joints | 5 |
| C | Cerebellum | 5 |
| D | Name the covering of brain | 5 |
| E | Pancreas | 5 |

SECTION-B (PHYSIOLOGY)

| | | |
|------------|---|-------------|
| Q-5 | Attempt the following questions: | (08) |
| | a) Write any two functions of skin. | 1 |
| | b) Write any two functions of testosterone. | 1 |
| | c) Write any two functions of liver | 1 |
| | d) Define Homeostatic | 1 |



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|----|--|---|
| e) | Write two functions of thyroid gland | 1 |
| f) | Write functions of stomach | 1 |
| g) | Write two functions of large intestine | 1 |
| h) | Write any two functions of uterus | 1 |

Attempt any one questions from Q-6 to Q-7:

Q-6 Explain Mechanism of Urine Formation (15)

Q-7 **Explain the following:** (15)

- | | | |
|----------|---------------------------------|-----------|
| A | Physiology of respiration | 10 |
| B | Functions of respiratory organs | 5 |

Q-8 **Write short notes on any three from A to E:** (15)

- | | | |
|----------|---|----------|
| A | Composition and function of cerebrospinal Fluid | 5 |
| B | Function of Brain | 5 |
| C | Lung Volumes | 5 |
| D | Reflexes | 5 |
| E | Blood groups | 5 |

