

**BACHELOR OF PHYSIOTHERAPY**  
**First Year SUPPLEMENTARY : WINTER- 2022**  
**SUBJECT : HUMAN ANATOMY**

Day : Monday

Time : 02:00 PM-05:00 PM

Date : 26-12-2022

**W-25044-2022**

Max. Marks : 80

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Use **blue / black** pen only
- 4) Draw neat and labelled diagram **WHEREVER** necessary.
- 5) Do not write anything on the blank portion of the question paper. This will be considered an unfair means
- 6) Section - **A** and Section - **B** should be written in **SEPARATE** answer sheets.

**SECTION – A**

**Q.1** Long answer questions (Solve any **TWO** out of **THREE**) **(20)**

**A)** Describe muscles of mastication under **(5+2+3)**

**i)** Origin and insertion

**ii)** Nerve supply

**iii)** Action

**B)** Describe Deltoid muscle under **(3+2+3+2)**

**i)** Origin, insertion & nerve supply

**ii)** Actions of the muscle

**iii)** Structures under cover of the muscle

**iv)** Applied anatomy

**C)** Describe supports of uterus under **(6+2+2)**

**i)** Primary supports

**ii)** Secondary supports

**iii)** Applied anatomy

**Q.2** Write short notes (Solve any **FOUR** out of **FIVE** ) **(20)**

**a)** Sesamoid bone

**b)** Triceps muscle

**c)** Posterior relations of both kidneys

**d)** First carpometacarpal joint

**e)** Blood supply of stomach

**P.T.O.**

**SECTION – B**

- Q.3** Long answer questions (Solve any **TWO** out of **THREE**) **(20)**
- A)** Describe sciatic nerve under - **(1+4+3+2)**
- i)** Root value
  - ii)** Course and relations
  - iii)** Branches
  - iv)** Applied anatomy
- B)** Describe facial nerve under **(4+4+2)**
- i)** Extracranial course and branches
  - ii)** Muscles supplied by the nerve
  - iii)** Applied anatomy
- C)** Describe Fourth ventricle of brain **(6+2+2)**
- i)** Boundaries, floor, roof
  - ii)** Communications
  - iii)** Applied anatomy
- Q.4** Write short notes (Solve any **FOUR** out of **FIVE** ) **(20)**
- a)** Spermatogenesis
  - b)** Accessory nerve
  - c)** Histology of bone
  - d)** Sternocleidomastoid muscle
  - e)** Intercostal muscles

\* \* \*