

Roll No.

Oct., 2022/10121

**B.Sc. Nursing Ist Semester-2022
Applied Anatomy & Applied Physiology**

Time: Three hours

M. Marks: 75

- Note: 1. Attempt all of the following questions and draw suitable diagrams where required.
2. Attempt Part-I & Part-II in separate answer books.
3. Use only blue/black ink pen for attempting answers. Use of pencil is prohibited.

Part-I (Applied Anatomy)

Q.1 Multiple choice questions:

6x1=6

1. **Most common vein used for intravenous injections:**
(a) Cephalic vein (b) Median cubital vein
(c) Basilic vein (d) Radial artery
2. **Which is not a layer of skin:**
(a) Epidermis (b) Dermis
(c) Hypodermis (d) Stratum corneum
3. **Membranous ossification shown by:**
(a) Humerus (b) Patella
(c) Femur (d) Frontal
4. **Which is not an action of deltoid:**
(a) Flexion (b) Extension
(c) Adduction (d) Abduction
5. **Inner lining of uterine cavity:**
(a) Endothelium (b) Endometrium
(c) Endocardium (d) Myometrium
6. **Islets of langerhans seen in which organ:**
(a) Spleen (b) Small intestine
(c) Pancreas (d) Stomach

Q.2 Describe the organ heart under the following headings:

3+2+5=10

- (a) Chambers.
- (b) Valves.
- (c) Blood supply.

Q.3 Write short note on the following:

3x5=15

- (a) Types of cartilage.
- (b) CSF circulation.
- (c) Internal structure of kidney.

Q.4 Very short answer type questions:

3x2=6

- (a) Enumerate the muscles of posterior compartment of leg.
- (b) Enumerate the branches of external carotid artery.
- (c) Draw a well labeled diagram of multipolar neuron.

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