

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

ANATOMY PHYSIOLOGY AND PATHOLOGY (THEORY-I)**Marks**1. (a) Fill in the blanks (any *five*) :—

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- (i) Name of first vertebra is
- (ii) Name of thigh bone is
- (iii) Thyroid gland create hormone.
- (iv) Brain is made up of cells.
- (v) is the female reproductive organ.
- (vi) is the main organ of respiratory system.

(b) *True or false* (any *five*) :—

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- (i) Biceps Brachlus is the muscle of upper arm.
- (ii) We need carbondioxide for our body.
- (iii) Arteries in our body carry deoxygenated (impure) blood.
- (iv) Our brain is protected by cranium.
- (v) Pituitary gland secrete thyroxin hormone.
- (vi) Wrist joint is "Hinge" type of joint.

(c) Answer in *one* sentence (any *five*) :—

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- (i) Define :— Pathology
- (ii) Bacteria
- (iii) Deltoid Muscle
- (iv) Endocrine Gland
- (v) Nerve Cell
- (vi) White Bood Cell.

(d) Match the following (any *five*) :—

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'A' Group**'B' Group**

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|--------------|--------------------------------------|
| (i) Lungs | (a) Organ of the circulatory system |
| (ii) Heart | (b) Organ of the reproductive system |
| (iii) Ovary | (c) Organ of the respiratory system |
| (iv) Nephron | (d) Organ of the digestive system |
| (v) Neuron | (e) Organ of the cell of kidney |
| (vi) Stomach | (f) Organ of the nervous system. |

[Turn over

2. Draw diagram and describe the following (any **two**) :— 16
- (a) Digestive system
 - (b) Male reproductive system
 - (c) Nervous system
 - (d) Circulatory system.
3. Describe any *two* of the following :— 16
- (a) Describe general bacteriology.
 - (b) Describe various branches of pathology.
 - (c) Describe uterus and ovary.
 - (d) Describe various body regions.
4. Write in brief (any *two*) :— 16
- (a) Describe functions of heart.
 - (b) Describe functions of kidney.
 - (c) Describe functions of pituitary gland.
 - (d) Describe functions of skin.
5. Short notes (any *four*) :— 16
- (a) Cell
 - (b) Metabolism
 - (c) Humerus Bone
 - (d) Red Blood Cells
 - (e) Femur Bone.
6. Describe in brief any *two* :— 16
- (a) Define Tissue and various types.
 - (b) Describe musculoskeletal system in brief.
 - (c) Describe respiratory system in brief.
 - (d) Explain Carbohydrate and Protein metabolism.
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