

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

ANATOMY, PHYSIOLOGY AND PATHOLOGY (THEORY-I)

- Instructions.*—(1) All question are *Compulsory*.
 (2) Figures to be right indicates full marks.
 (3) Illustrate your answers with neat diagrams wherever necessary.

Marks

1. (a) Fill in the blanks (*any five*) :— 5
- (i) Normal Hb% in our body is
 - (ii) Normal reading of ESR is
 - (iii) Long form of LFT is
 - (iv) Normal reading of fasting blood glucose is
 - (v) We do Widal test for
 - (iv) Normal reading of RA factor is
- (b) *True or false* (*any five*) :— 5
- (i) Brain is made up of nerve cells.
 - (ii) Kidney is made up of "nephron" cells.
 - (iii) Lungs are located in abdomen.
 - (iv) Name of first Vertebra is axis.
 - (v) "Cell" is basic working unit of our body.
 - (vi) Growth hormone is secreted by thyroid gland.
- (c) Define following in one sentence (*any five*) :— 5
- (i) Endocrine gland (ii) Kidney (iii) R.B.C.
 - (iv) Alveoli (v) Bacteria (vi) PSA test.
- (d) Match the following (*any five*) :— 5
- | ‘ A ’ Group | ‘ B ’ Group |
|--------------------------------|--------------------------------|
| (i) Circulatory system | (a) Female reproductive system |
| (ii) Haemoglobin | (b) Skin |
| (iii) Salivary gland | (c) Heart |
| (iv) Uterus | (d) Carries oxygen |
| (v) Testis | (e) Exocrine gland |
| (vi) Biggest organ of our body | (f) Male reproductive system. |

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| 2. Attempt any <i>two</i> of the following :— | 16 |
| (a) Describe in brief respiratory system. | |
| (b) Describe in brief circulatory system. | |
| (c) Describe any two "Viruses" and their diseases in humans. | |
| (d) Describe any two "Fungi" and their diseases in humans. | |
| 3. Describe any <i>two</i> of the following :— | 16 |
| (a) Describe in brief excretory system. | |
| (b) Describe in brief female reproductive system. | |
| (c) Write normal and abnormal composition of urine. | |
| (d) Describe functions of nervous system. | |
| 4. Write in Brief (any <i>two</i>) :— | 16 |
| (a) Describe nervous system. | |
| (b) Describe thyroid gland in brief. | |
| (c) Describe knee joint and draw diagram. | |
| (d) Describe musculoskeletal system. | |
| 5. Short notes (any <i>four</i>) :— | 16 |
| (a) CBC | |
| (b) Montoure test | |
| (c) LDH | |
| (d) Femur Bone. | |
| (e) Humurus Bone. | |
| 6. Describe in brief (any <i>two</i>) :— | 16 |
| (a) Describe case study taking of patient. | |
| (b) Describe Parasitology in brief. | |
| (c) Draw and describe cell of body. | |
| (d) Describe digestive system and draw diagram. | |
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