

13046

21819

3 Hours / 100 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answers with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any TEN of the following:

20

- Write the Blood supply of Tongue.
- Write the functions of female reproductive system.
- Define Osteomalacia.
- Why mitochondria is called power house of the cell?
- Define Tissues? Write the types of tissues.
- Define Neuron.
- Write the names of endocrine of glands.
- Write the name of Blood groups.
- Write the name of sensory organs.
- Define vital capacity.
- Write the name of organs of male reproductive system.
- Write difference between Artery and Vein.
- Name different types of muscular tissues.

P.T.O.

- 2. Write short notes on any FOUR of the following:** **16**
- a) Write about the cytoplasm of cell. What does cytoplasm consist of?
 - b) Write a note on stomach.
 - c) Write a note on Nephron.
 - d) Why pancreas is called dual organ.
 - e) Describe the phases of menstrual cycle.
 - f) Describe the structure of skin with diagram.
- 3. Attempt any FOUR of the following:** **16**
- a) Why pituitary gland is called master gland of the body?
 - b) Write the functions of skin.
 - c) Define Blood pressure. Write the factors affecting Blood pressure.
 - d) Write a short note on Cardiac output.
 - e) Define: Sensory organs and explain in brief.
 - f) Discuss about accessory organs of digestion.
- 4. Attempt any TWO of the following:** **16**
- a) Write the position of liver. Write the structure function and blood supply of liver.
 - b) Write about sympathetic nervous system.
 - c) Explain hormones of pituitary glands. How they are regulated?

5. Attempt any TWO of the following:**16**

- a) Write in detail about inflammation of tissues and tissue repair.
- b) Define Joints. Write the names of types of joints and explain them.
- c) Explain mechanism of Respiration.

6. Attempt any TWO of the following:**16**

- a) Write the names of Blood clotting factors.
 - b) Explain Temperature Regulation.
 - c) Draw a well labelled diagram of cell and explain its functions.
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