

Seat Number

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कपिला - 001

14-17

BP 101 T

Human Anatomy and Physiology - I
(711101)

P. Pages : 2

Time : Three Hours



Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Draw well labelled diagram wherever necessary.

1. Answer all the questions.

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- a) Anatomy and physiology provides the information about different -----.
- b) Normal range of haemoglobin in male individual is -----.
- c) Fluid present within cells is called as -----.
- d) ----- is called as powerhouse of cell.
- e) The largest collection of lymphatic tissue in adult body is located in the -----.
- f) ----- is located in the right atrium and acts as a "Pacemaker".
- g) ----- glands secrete an oily and waxy matter called as sebum.
- h) The only blood vessels whose wall permit exchange between the blood and the surrounding interstitial fluid are the -----.
- i) ----- valves prevents backflow of blood into atria during ventricular contraction.
- j) The ----- suture joins the parietal bone to the occipital bone.

2. Solve any two.

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- a) Describe anatomy and physiology of eye in detail.
What is cardiac output? Explain cardiac cycle in detail.
- c) Describe anatomy and physiology of skeletal system.

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3. Write short note on **any seven**.

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- a) Pectoral girdle.
- b) Lymph Node.
- c) Physiology of Hearing.
- d) Regulation of blood pressure.
- e) Structure and function of cell.
- f) Anatomy and physiology of tongue.
- g) Electrocardiogram.
- h) Hemostasis.
- i) White blood cells.

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