

DO NOT WRITE ANYTHING ON YOUR QUESTION PAPER EXCEPT YOUR ROLL NO. QUESTION PAPER CONTAINING ANYTHING WOULD BE TREATED AS MALPRACTICE ANSWER THE QUESTIONS SERIALY AND CONTINUOUSLY

Subject: HUMAN ANATOMY & PHYSIOLOGY (Theory)

Full Mark -80

Time -3 Hrs.

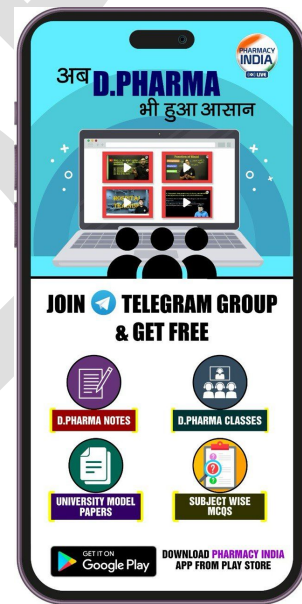
1. Answer any six out of seven (6x5)

- Define endocrine gland. Briefly discuss about the hormone secreted from the pituitary gland.
- Describe the parts of Respiratory system & discuss the mechanism of respiration.
- Define joint. Give the classification of joint with suitable example.
- Classify tissue. Write a note on muscular tissue.
- Describe about Physiology of Vision.
- Describe the process of Urine formation.
- Give a note on Cerebrum.

2. Answer any ten questions :

- Write a note on Parturition.
- Describe Meninges & Ventricles of brain.
- Describe about ECG & Cardiac output.
- Briefly describe human tooth with suitable diagram.
- Write a note on physiology of pain.
- Write a short note on physiology of smell.
- Write a note on RBC.
- Discuss about different parts of tongue.
- Differentiate between smooth and skeletal muscle.
- Write down functions of antidiuretic hormone (ADH).
- Write down the importance of blood group.

(10x3)



3. Define the following terms :(Within 20 words)

(20x1)

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|---------------------|---------------|--------------------|--------------------------|
| a) Tidal volume | b) TSH | c) Angina pectoris | d) Pulmonary circulation |
| e) Pinocytosis | f) Pacemaker | g) Acrosome | h) Facilitated diffusion |
| i) Active transport | j) Synapse | k) Vas deference | l) Endoplasmic reticulum |
| m) Osteomalacia | n) Ptyalin | o) Lysosome | p) Sickle cell anemia |
| q) Golgi bodies | r) Centrosome | s) Pepsin | t) Tympanic membrane |
