

W-2022

Seat Number

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PANKH-17

BP-201T

Human Anatomy and Physiology-II  
(712201)

Total Pages : 2]

Time : 3 Hours

Max Marks : 75

Note : (1) All questions are compulsory.

(2) Do not write anything on question paper except Seat No.

(3) Draw a well labelled diagram wherever necessary.

(4) Students should note, no supplement will be provided.

1. Answer the following questions :

20

(i) Enlist the various parts of brain along with its function.

(ii) Define Tidal Volume and Residual Volume.

(iii) Give the composition and function of gastric juice.

(iv) How is kidney responsible for regulation of blood pressure ?

(v) Define Spermatogenesis and Oogenesis.

(vi) Enlist the hormone secreted by Adrenal gland along with physiological role.

(vii) Give the composition and function of CSF.

(viii) Define urinary incontinence and give its types.

(ix) Define peptic ulcer and heart burn.

(x) Comment on resuscitation method.

2. Solve any two :

20

(i) Describe the anatomy and physiology of structural and functional unit of Kidney.

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- (ii) Draw a well labelled diagram of female reproductive system, add a note on menstrual cycle.
- (iii) List endocrine glands. State their secretion and function.

3. Solve any seven :

35

- (i) Describe structure and function of spinal cord.
- (ii) Describe stomach in detail.
- (iii) Explain the internal and external structure of kidney.
- (iv) Explain physiology of urine formation.
- (v) Describe the mechanism of respiration.
- (vi) Describe the events of protein synthesis.
- (vii) Comment on principal salivary glands.
- (viii) Explain in detail function of liver.
- (ix) Explain in detail action potential.