

Total No. of Printed Pages - 2

*Co-ordinating Copy*

**SS/BSN-1/AP/8-16**

**2016**

( August )

**ANATOMY & PHYSIOLOGY**

*Full Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

Answer **all** questions

*Write the answers to the two Halves  
in separate books*

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**FIRST HALF**

1. What are the different parts of Urinary System? Describe briefly the kidney. 5+4=9
2. Describe briefly the liver under the following headings:  
1+2+3+3=9
  - (a) Location
  - (b) Lobes
  - (c) Blood supply
  - (d) Clinical correlation

( Turn Over )

( 2 )

3. Write short notes on (*any four*) 5×4=20
- (a) Pituitary gland
  - (b) Skeletal muscle
  - (c) Brainstem
  - (d) Subarachnoid space
  - (e) Ball and socket joints

SECOND HALF

4. What is blood pressure? How is it regulated? What is Hypertension? 2+5+4=11

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5. Write short notes on (*any four*). 5×4=20
- (a) Mechanism of HCl secretion.
  - (b) Micturition reflex
  - (c) Hyperthyroidism
  - (d) Peristalsis
  - (e) Erythropoiesis

6. Fill in the blanks: 2×3=6

(a) The two hormones secreted by the pancreas are insulin and glucagon.

(b) Two subdivisions of autonomic nervous system are sympathetic and parasympathetic.

(c) Processes of neurons are axon and dendrites.

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