

35339 : Human Anatomy and Physiology - II : BP 201 T

P. Pages : 2

Time : Three Hours



* 0 5 8 9 *

AW - 2338

Max. Marks : 75

- Notes :
1. Answer **all** questions.
 2. Illustrate your answer necessary with the help of neat sketches.
 3. Use of pen Blue/Black ink/refill only for writing the answer book.

1. a) MCQ

10

- 1) Opening of trachea is covered by a small flap of tissue termed as
 - a) Glottis
 - b) Epiglottis
 - c) Thyroid Cartilage
 - d) All of above
- 2) The exchange of gases between inhaled air and blood is
 - a) Cellular respiration
 - b) External respiration
 - c) Internal respiration
 - d) None of the above
- 3) ----- stores bile juice and concentrate it.
 - a) Pancreas
 - b) gall bladder
 - c) Villi
 - d) Stomach
- 4) Last Portion of large intestine is
 - a) Oesophagous
 - b) Rectum
 - c) Cecum
 - d) Ilium
- 5) ----- facilitates reabsorption of water by nephron.
 - a) Loop at Henle
 - b) Medulla
 - c) Cortex
 - d) Pelvis
- 6) ----- Hormone is secreted by kidney.
 - a) Aldosterone
 - b) ADH
 - c) Erythropoietin
 - d) Angiotensin
- 7) Nervous system, does not consist of
 - a) Brain
 - b) Spinal Cord
 - c) Spleen
 - d) Nerves
- 8) Spinal Cord originates from
 - a) Cerebellum
 - b) Medulla
 - c) Pons
 - d) Cerebrum
- 9) Fertilization of sperm and ova takes place at
 - a) Ovaries
 - b) Vagina
 - c) Uterus
 - d) Fallopian tube
- 10) Stoppage of menstrual cycle is called as
 - a) Gestation
 - b) Implantation
 - c) Menarche
 - d) Menopause

- a) What is CSF? Write it's function.
- b) Enlist the various salivary gland. Write the function of Saliva.
- c) Define and give normal values for vital capacity and tidal volume.
- d) Which gland is called as master gland write the names of Hormones secreted by master gland.
- e) Write the phases of menstruation with their time period.

2. Long Answers Solve any two.**2x10**

- 1) Describe the structure of Cerebrum and Explain the Functional Areas of Cerebrum.
- 2) Explain the Anatomy of Nephron? Discuss the process of Urine Formation.
- 3) Explain the Anatomy of lungs with well labeled diagram? Write the nervous control of Respiration.

3. Short Answer Questions Solve any seven.**7x5**

- 1) Write the chemical digestion of protein and carbohydrates.
- 2) Explain the structure of pituitary gland.
- 3) Explain the structure and function of Endocrine Pancreas.
- 4) Explain the process of Spermatogenesis.
- 5) Explain the phases of secretion of gastric juice.
- 6) What is metabolism? Write a note on BMR.
- 7) Explain the structure and function of Testes.
- 8) Describe the structure of gene.
- 9) Describe the structure of liver.
