

Sem II Rev

APP-II

D:sneha /April 2013 29

Con. 5196-13.

Sem II (Rev) ATKT - APP. II.

DC-7222

24/5/13

(REVISED COURSE)

(2 Hours)

[ Total Marks : 40

- N.B.** (1) Question No. 1 is **compulsory**.  
(2) Attempt any **four** out of the remaining **five** questions.  
(3) Draw **diagrams** wherever **necessary**.

1. (a) Draw a neat labelled diagram of the LS of testis. 4  
(b) Define the following (any **two**) :- 4  
(i) COPD  
(ii) Respiratory acidosis  
(iii) Diabetes mellitus
  2. (a) Draw a neat labelled diagram of section of pancreas. 4  
(b) Elaborate on the secretions of the endocrine part of the pancreas and their physiological roles in human body. 4
  3. (a) Give the physiology of tissue respiration. 4  
(b) Draw a neat labelled diagram of the bronchial tree. 4
  4. (a) Draw a neat labelled diagram of the LS of uterus. 4  
(b) Discuss the role of various hormones in the process of spermatogenesis. 4
  5. Give pathophysiology of any **two** :- 8  
(a) Pulmonary emphysema  
(b) Dysmenorrhea  
(c) Dwarfism and gigantism
  6. (a) Enlist various hormones of the pituitary glands mentioning their roles in human body. 4  
(b) Explain the neural regulation of respiration. 4
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