

6th May, 13

# Anatomy, Physiology and pathophysiology - III

6/5/13

AGJ 1st half (h) 33

Con. 1186-13.

Sem - III (Rev. A.T.K.T)

Sem - III (Rev.) ATK T - A.P.P. - III

(2 Hours)

DC-2174

[ Total Marks : 40

- N.B. :** (1) Question No. 1 is **compulsory**  
(2) Attempt any **four** questions from the **remaining**.  
(3) **Figures** to **right** indicate **full** marks.  
(4) Draw **neat**, labelled diagrams wherever **necessary**.

1. (a) Draw a neat, labelled diagram showing internal structure of eyeball. 4  
(b) Attempt any **two** :- 4
    - (i) Define neurotransmitter. Give any two examples of neurotransmitter.
    - (ii) What is pancreatitis ? Enlist few symptoms of it.
    - (iii) Describe in brief organisation of nervous system.
  2. (a) Write a short note of Gastation. 4  
(b) Explain accomodation of vision. 4
  3. Explain in detail the digestion and absorption of carbohydrates in the gastrointestinal tract. 8
  4. (a) With the help of diagram, describe the components of Reflex Arc. 4  
(b) Explain pathophysiology of epilepsy. 4
  5. (a) Describe the phases of gastric secretion. 4  
(b) Write a short note on sympathetic system. 4
  6. Define and discuss the pathophysiology of following disease (any **two**) :- 8
    - (a) Schizophrenia
    - (b) Jaundice
    - (c) Cerebral hypoxia.
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