

# AZRA NAHEED MEDICAL COLLEGE LAHORE

**END MODULAR TEST**  
**MBBS Second Year 2019-20**  
**(Physiology-Subjective)**

**INSTRUCTIONS**

- 1-All subjective part is to be submitted **within 2:10 minutes**, no extra time will be given.  
2-Neat handwriting, use of margins will increase the outlook /presentation of your paper.

**ATTEMPT ALL QUESTIONS; ALL QUESTIONS CARRY EQUAL MARKS.**

**TOTAL MARKS = 30**  
**TIME = 40 min**

**DATED: 17.6. 2020**

- Q1. The GIT activity is regulated by its own nervous system.
- What is this this system & what are its components? (1)
  - What are the functions of this system? (2)
  - How the activity of this system is regulated by autonomic nervous system? (2)
- Q2 .Adnan was drinking water hurriedly, he aspirated & start coughing.
- In your opinion which stage of swallowing did not occur properly.(1)
  - Name the different stages of swallowing.(1.5)
  - Explain the series of events which take place during pharyngeal stage of swallowing.(2.5)
- Q3. A) Enumerate the factors that regulate the gastric emptying. (2.5)  
B) Enlist the movements which occur in small intestine when it became distended with chyme?  
What is peristaltic rush & Law of Gut. (2.5)
- Q4. A) Enumerate the Types of gland present in stomach. (1)  
B) Which cells are stimulated to produce HCL, describe basic mechanism of its secretion? (3)  
C) What is the role of Gastrin in HCL secretion? (1)
- Q5. Amir who was taking pain killer for joint pain for 4 years, came to doctor & told that he is having retrosternal burning & epigastric pain after taking meal
- What is your Diagnosis? (2)
  - What is the cause of this disease? (1.5)
  - Which factors normally prevent occurrence of this disease? (1.5)
- Q6. A student came in emergency & told to doctor that one day before he had meal from canteen ,after that he started feeling heaviness & increase in abdominal pressure ,then he started vomiting
- Where vomiting center is located? (1)
  - What is the role of chemoreceptor trigger zone? (1)
  - What is pathway of vomiting reflex? (3)