

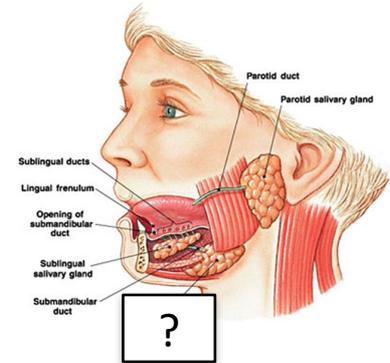


**Version 3**

**Station 1 : Anatomy**

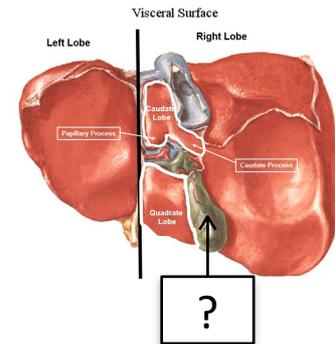
**Q1: Submandibular gland**

- A) Identify ?
- B) It's duct opens in:



**Q2 : Fossa of gall bladder in liver**

- A) Identify the yellow structure in liver:
- B) Parts of this structure:



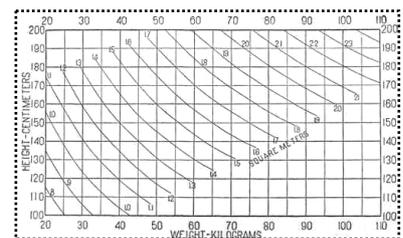
**Station 2 : Biochemistry**

**Q :** Enumerate causes of hepatocellular jaundice ?

**Station 3 : Physiology**

**Q : DuBois Chart (Picture)**

- A) Identify and mention its use ?
- B) Enumerate two basal conditions ?
- C) Disadvantages of axillary thermometer method ?
- D) Differentiate between Fever & Hyperthermia ?



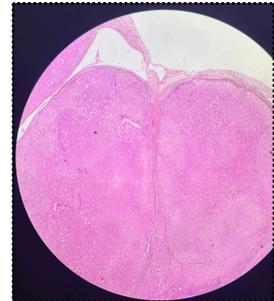
## **Version 3 (Cont..)**

### **Station 4 : Pathology – Station 1**

#### **Q1 : Liver Cirrhosis (Microscopic slide)**

A- Identify the lesion ?

B- Describe the nodules ?



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### **Station 5 : Pathology – Station 2**

#### **Q1 : Ameloblastoma (Jar picture)**

A- Identify the lesion ?

B- Describe the cut section of this lesion

C- Describe the fluid content ?



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### **Station 6 : Histology**

#### **Q1 : Lip (Microscopic slide)**

A- Identify the structure ?

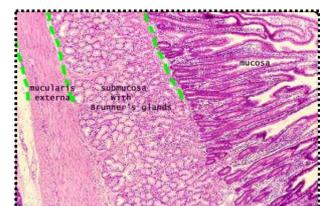
B- Describe the inner surface ?



#### **Q2 : Duodenum (Microscopic picture)**

A- Identify the structure ?

B- Enumerate the cells of the villi of this structure ?



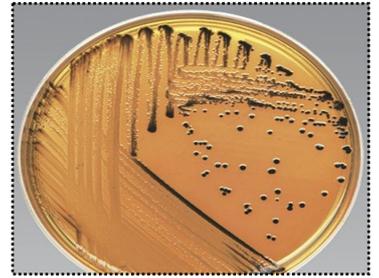
## **Version 3 (Cont..)**

### **Station 7 : Microbiology**

#### **Q1 : Yellow agar with black spots (Picture)**

A- Identify ( Type of media - Organism ) ?

B- Enumerate diseases caused by this organism ?

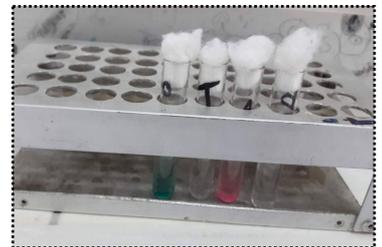


#### **Q2 : Widal test - Paratyphoid A (Picture)**

A- Identify the test

B- Define titer

C- State the type of test



### **Station 8 : Parasitology**

#### **Q1 : Ancylostoma duodenale egg (Picture)**

A- Identify the stage and organism ?

B- Mode of infection ?



#### **Q2 : Giardia lamblia Trophozoite (Picture)**

A- Identify the stage and organism ?

B- Enumerate the diagnostic stages of this organism ?



## **Version 3 (Cont..)**

### **Station 9 : Pharmacology**

- 1) Treatment approach (TTT) of Ulcerative Colitis ?
- 2) Side effect of Bismuth subsalicylate:
- 3) Case (Which drug used in the treatment of GERD may cause arrhythmia) ?
- 4) Convert 40 mg / mL to ratio:

**End of Version 3**

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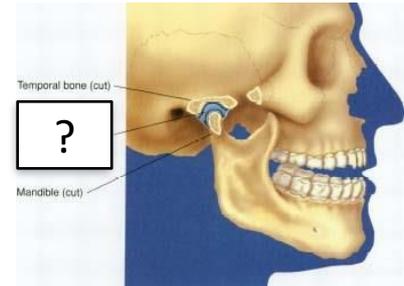


## Version 5

### Station 1 : Anatomy

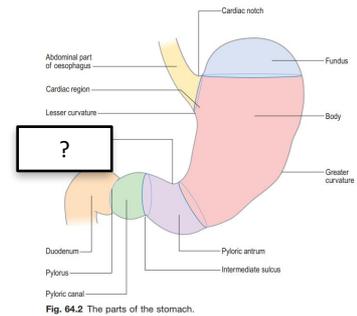
#### Q1: Temporomandibular Joint "TMJ" (Picture)

- A) Identify the structure
- B) Mention two ligaments related to it



#### Q2 : Stomach arrow at angular notch (Picture) :

- A) Identify ?
- B) Mention the parts of the stomach



### Station 2 : Biochemistry

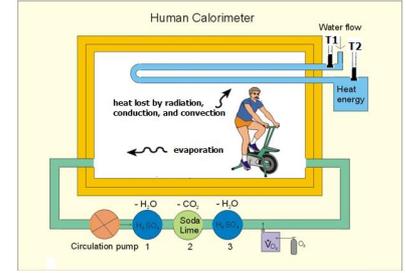
Q : Mention two causes of elevated Aspartate Aminotransferase (AST) ?

## Version 5 (Cont..)

### Station 3 : Physiology

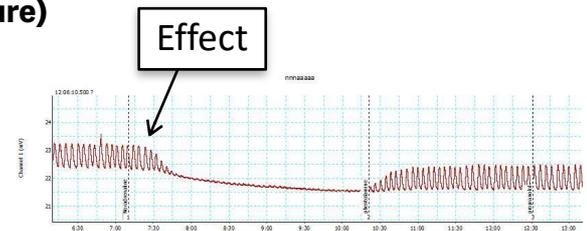
#### Q1 : Direct calorimeter (Picture)

- A) Identify and mention its use ?
- B) Mention methods of heat loss ?



#### Q2 : Graph showing decreased intestinal activity (Picture)

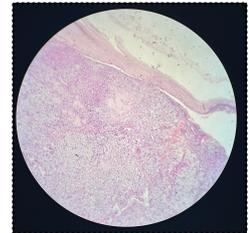
- A) Mention two drugs causing this effect ?
- B) Mention four types of intestinal motility ?



### Station 4 : Pathology – Station 1

#### Q1 : Pleomorphic adenoma (Microscopic slide)

- A- Identify the lesion ?
- B- Describe the epithelial and stromal component ?



### Station 5 : Pathology – Station 2

#### Q1 : Ulcerative Colitis (Jar picture)

- A- Identify the lesion ?
- B- Describe the lesion ?
- C- Describe the mucosa in between the lesions ?



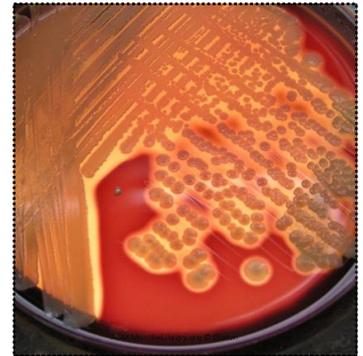
## Version 5 (Cont..)

### Station 6 : Microbiology

#### Q1 : Blood agar showing $\beta$ -hemolysis (Picture)

A- Identify & state the type of media ?

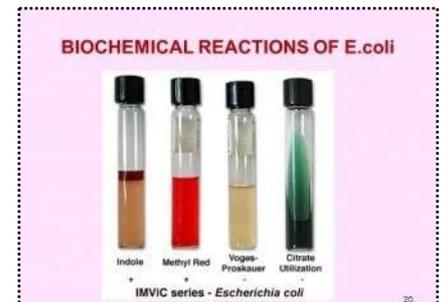
B- Mention two organisms causing this reaction ?



#### Q2 : IMViC test of E. coli (Picture)

A- Identify the test ?

B- What is the value of Sorbitol MacConkey agar in this organism?

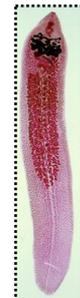


### Station 7 : Parasitology

#### Q1 : Fasciola gigantica (Picture)

A- Identify ?

B- Mention 2 modes of infection ?



#### Q2 : Ascaris lumbricoides egg (Picture )

A- Identify the stage ?

B- Mention the intermediate larval stages ?



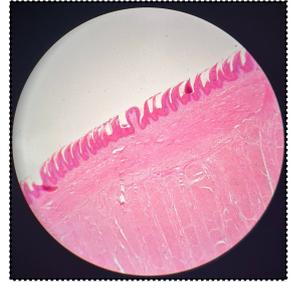
## **Version 5 (Cont..)**

### **Station 6 : Histology**

#### **Q1 : Tongue (Microscopic slide)**

A- Identify the structure ?

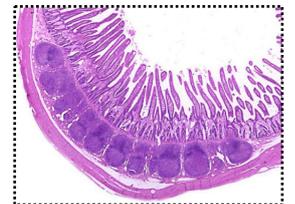
B- Mention two types of papillae and their lining epithelium ?



#### **Q2 : ileum (Microscopic picture)**

A- Identify the structure ?

B- Mention the characteristic structure present in curium - submucosa ?



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### **Station 9 : Pharmacology**

#### **Q1 : Hepatic encephalopathy (Case)**

A) Most appropriate laxative ?

B) What is the mechanism of action of Naloxegol?

#### **Q2 : GERD patient developed osteoporosis (Case)**

A) Identify the drug responsible

B) Express 1 : 1000 in mg/mL

### **End of Version 5**

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[The last OSPE exam in our academic modules journey](#) 

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