



RAN-1227

T. Y. B. Sc. Medical Technology (Sem VI) Examination

March / April - 2019

MT - 20 : Pathophysiology

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

नीचे दृष्टविले निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.

Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. Medical Technology (Sem VI)

Name of the Subject :

MT - 20 : Pathophysiology

Subject Code No.:

1

2

2

7

Seat No.:

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Student's Signature

1. Answer in brief:

[08]

- (i) What is GFR? Enlist tests to measure it.
- (ii) Enlist the functions of Gastric juice.
- (iii) Which tests are based on Primary function of thyroid?
- (iv) What is water intoxication?

2. Attempt any TWO of the following:

[14]

- (i) Hemoglobin acts as blood buffer, explain.
- (ii) Explain Creatinine clearance test.
- (iii) What is resting content analysis of Gastric function test?
Explain it in detail giving its interpretation and importance.

3. Write an Essay on any ONE of the following: [14]

- (i) How pH of our body is regulated by different mechanisms?
Explain in detail.
- (ii) Enlist the functions of Liver. Classify Liver function tests. Enlist tests for pigment metabolism and give its interpretation for types of jaundice.

4. Write short note on any TWO of the following: [14]

- (i) Cardiac markers
 - (ii) Respiratory acidosis
 - (iii) Tests to measure renal plasma flow
 - (iv) Tubeless gastric analysis
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