

RAN-2503000504068001

S.Y.B.Sc. (NEP) (Sem. IV) Examination April - 2026

BM-SEC-4 : Bioscience (Microbiology) - Clinical Biochemistry

Time: 30 Min.]

[Total Marks: 13

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.
- (2) Attempt Any Thirteen multiple choice question.
- (3) One mark for each MCQ.

Seat No.:

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Student's Signature

Q. 1 Multiple choice questions.

1. A urine sample collected between 8 pm to 8 am is called _____.
 - a. Morning sample
 - b. Day specimen
 - c. Random sample
 - d. Night specimen
2. Hay's test useful to detect _____.
 - a. Sugar
 - b. Protein
 - c. Ketones
 - d. Bile salt
3. Which of the following is urine preservative?
 - a. Na Citrate
 - b. EDTA
 - c. JUDGMENT
 - d. None
4. A yellow discoloration of _____ is known as Xanthochromia.
 - a. Urine
 - b. Semen
 - c. Spinal fluid
 - d. All
5. CSF is collected by _____.
 - a. Technician
 - b. Physician
 - c. Nurse
 - d. All
6. Chemical examination of Semen included _____.
 - a. Glucose concentration
 - b. Fructose concentration
 - c. Albumin concentration
 - d. All
7. A complete absence of sperm in semen is called _____.
 - a. Oligouria
 - b. Aspermia
 - c. Azospermia
 - d. None
8. What is bilirubin?
 - a. Bile salt
 - b. Bile pigment
 - c. Bile acid
 - d. All
9. Which of the following is a renal function test, except _____ ?
 - a. Dye retention test
 - b. Concentration test
 - c. Urea estimation
 - d. Creatinine estimation

10. Which of the following is pancreatic function test?
- | | |
|-----------------------|-----------------------|
| a. Amylase estimation | b. Glucose estimation |
| c. GTT | d. All |
11. Which of the following an example of KFT?
- | | |
|-----------------------|-------------------------|
| a. Glucose estimation | b. Bilirubin estimation |
| c. Concentration test | d. All |
12. Blood creatinine is an example of _____.
- | | |
|--------|--------|
| a. PFT | b. KFT |
| c. LFT | d. All |
13. GTT is useful to evaluate _____.
- | | |
|--------------------|-------------------|
| a. Hyper glycaemia | b. Hypo glycaemia |
| c. Hyperlipidemia | d. None |
14. Normal sperm count is _____.
- | | |
|----------------------|------------------------|
| a. 6-12 million/ml | b. 600-1200 million/ml |
| c. 60-120 million/ml | d. 6-12 billion/ml |
15. Which of the following are criteria for macroscopic examination of semen?
- | | |
|-------------------|----------------------|
| a. Clot formation | b. Liquefaction time |
| c. Transparency | d. All |
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