



RUHS FIRST YEAR MBBS (Supplementary) EXAMINATION

BIOCHEMISTRY- PAPER - II

October 2018 TIME: 3 HOURS TOTAL MARKS: 50

INSTRUCTIONS:

1. Que. No. 1 and 5 in section A and B are compulsory. Attempt ANY TWO questions from rest of the questions in each section.
2. Use separate answer sheet for each section.

Section A

Q1. Describe the pathway of Beta-oxidation. Add a note on its energetics considering palmitic acid as the substrate

Q2. Write short notes on

- a) Thalassemia
- b) Reverse transcriptase

Q3. Discuss

- a) Genetic code
- b) DNA repair mechanism

Q4. Write briefly about

- a) Fatty liver
- b) Familial Hypercholesterolemia

SECTION B

Q5. Markers of myocardial infarction

- a) Hemoglobin a,c,
- b) Acute phase proteins

Q7. Discuss briefly on

- a) Polymerase chain reaction
- b) Tumour suppressor genes

Q8. Write notes on:

- a) Metabolic acidosis & anion gap





b) Jaundice

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