

Maharaja Krishnakumarsinhji Bhavnagar University
Post Graduation Preliminary Practical Examination for M.D. - Biochemistry
Examination Centre : Government Medical College , Bhavnagar

Subject : Biochemistry

Subject Code : (Long Case - 26755) - (Short Case - 26756) - (Viva - 26757) - (Thesis - 26895)

Date : 8th and 9th July 2026

Total Marks - 400

(Day-1)

1.Long Case (140)

A. Perform Hemoglobin Electrophoresis . (80)

Write principle , procedure , significant and interpretation

B. Interpretation of the following patients report and give your remarks as advisory service. (40)

Patient ID : 20260024615

Patient ID : 20260023434

Patient ID : 20260022722

Patient ID : 20260025619

C. Perform analysis of urine for all abnormal components. (20)

Write parameter principle, observation and Interpretation.

2.Short Case (140)

A. Internal Audit of as Per ISO 15189:2022 (80)

- Review and Evaluation of Clinical Biochemistry Laboratory for Clause 6 and 7
- Draft 5 major risk management and it's monitoring element accordance to your non-conformity finding.

B. Cost analysis of electrolyte estimation on Abbott Architect vs Meril Fully Automated Analyzer (20)

C. Perform Sample Acceptance Exception training and it's competency test as per OSPE protocol for technical person working in sample accession area. (40)

(Day-2)

D. Micro-teaching on Following Topic & Followed by Discussion (20)

- D-Dimer
- FTIR

3.Dissertation Viva (20)

4.Theory Viva (100)

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