

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 Protein 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 : 20260025565

Patient ID : 20260025614

Patient ID :

Patient ID :

C. Draft 4 MCQ related in Clinical Biochemistry Subject. MCQ should cover “Knows How” domain. Two MCQ should have harder scale and two MCQ should have average scale. No MCQ should be at lower scale and nor from “Knows” domain. (20)

2.Short Case (140)

A. Do sample stability study for all the parameters of clinical biochemistry laboratory, find during transportation . (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-confirmity finding.

B. Do last 6 months of EQAS report analysis. Make an excel sheet and prepare your final report for management review meeting. (20)

C. Do performance validation of serum triglyceride on Meril-3 fully automated biochemistry analyzer - Prepare final excel sheet with all validation data and analysis. (40)

(Day-2)

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

- Standard Methodology for Internal Audit as per NABL-161
- Verification and Validation

3.Dissertation Viva (20)

4.Theory Viva (100)

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