



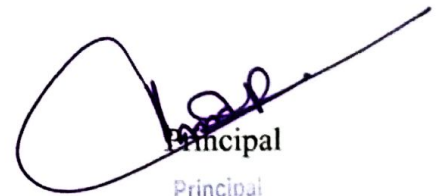
KMCT

COLLEGE OF ALLIED HEALTH SCIENCES

Affiliated to Kerala University of Health Sciences and approved by Govt. of Kerala

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the information in the attached documents is verified by me and is true to the best of my knowledge.



Principal
KMCT College of Allied Health Sciences
P.O. Manassery, Mukkam
Kozhikode, Pin - 673602





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2.5.3 ANY OTHER RELEVANT INFORMATION



KMCT COLLEGE OF ALLIED HEALTH SCIENCES

DEPT. OF MLT

EXAMINATION FILE

2022 – 23 ACADEMIC YEAR

2019 BATCH



Principal
KMCT College of Allied Health Sciences
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KMCT COLLEGE OF ALLIED HEALTH SCIENCES
 EXAMINATION DETAILS OF 2022-2023..... ACADEMIC YEAR

DEPARTMENT	BSc HKT
BATCH	2019 Batch- Fourth Year
NO: OF STUDENTS	21
NAME OF EXAM	Fourth Year BSc HKT Second Internal Examination September 2023

DETAILS OF EXAMINATION:

1	TENTATIVE DATE IN ACADEMIC CALENDER	04/9/23
2	DATE OF EXAM NOTIFICATION	
3	DATE OF PUBLICATION OF EXAM TIME TABLE (Attach examination time table and other details)	08/7/23
4	DATE OF INTERNAL QUESTION PAPER PREPARED (Attach question papers)	01/9/23
5	DATE OF EXTERNAL QUESTION PAPER RECEIVED (Attach question papers)	08/09/23
6	EXAMINATION HALL	I
7	DATE OF DISTRIBUTION OF PAPERS AFTER EVALUATION	09/9/23
8	RECEIVED DATE OF GRIEVANCE (if any) (Attach request from the student)	Nil
9	DATE OF EXAM GRIEVANCE COMMITTEE MEETING AND ACTION TAKEN (Attach relevant documents)	Nil
10	DATE OF MARKS IN INTERNAL REGISTER	09/9/23
11	DATE OF PUBLICATION OF RESULT IN NOTICE BOARD (attach a copy of mark list)	
12	DATE OF PUBLICATION OF RESULT IN ACADEMIC PORTAL (Attach downloaded mark report)	10/9/23.
14	DATE OF DISTRIBUTION OF PROGRESS REPORT	
15	DATE OF PTA SCHEDULED	

VERIFIED BY

1. PRINCIPAL



2. HEAD OF THE DEPARTMENT

3. CLASS IN CHARGE

Principal
 KMCT College of Allied Health Sciences
 P.O. Manassery, Mukkam
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KMCT CAHS			
BSc MLT 2019 Batch (IV th Year)			
Exam: <u>Biochemistry 2nd</u> Internal Examination			
Subject:			
SL No	Name of the student	Signature	Number of paper used
1	Aiswarya.t		
2	Anusha.P		12
3	Arya.T		
4	Aysha Liya		10
5	Fathima FarhanA		15
6	Fathima Nafila.P.K		12
7	Fathima Sana.V		
8	Fidha Parvin		13
9	Gayathri.V.S		11
10	Hana Fathima		12
11	Harsha.P.P		13
12	Karthika .S.S		15
13	Muhd Al Ameen		13
14	Muhd Nisam.V.K		
15	Najiya Nasreen P		15
16	Nashwa Maryam		11
17	Nasna.T.P		15
18	Nourin.C		16
19	Sheethal.M		13.
20	Shinfa Asmi.P		19
21	Vaishnavi.P.P		13.
Total number of paper used			
Total number of paper returned			
Name & Signature of the Invigilator			



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KMCT COLLEGE OF ALLIED HEALTH SCIENCES
FOURTH YEAR BSc MLT SECOND INTERNAL EXAMINATIONS
BIOCHEMISTRY IV

Time: 3 Hours

Total Marks: 100

Essay

(2x10=20)

1. Discuss in detail the tests to assess the liver function.
2. Describe iron metabolism in the body. Explain estimation of serum iron

(10x5=50)

Shortnotes

3. Tests to assess hepatic injury
4. Methods to estimate serum sodium
5. Describe the synthesis of VMA and its estimation in urine
6. Laboratory findings in pre hepatic, hepatic and post hepatic jaundice
7. Estimation of urinary 17 ketosteroids and its significance
8. Clearance tests
9. Estimation and Clinical significance of serum Phosphorus

10. 5 HIAA

11. Wilson's disease

12. DNA replication

Answer briefly

(10x3=30)

13. Biochemical role of iodine

14. Three characteristics findings in obstructive jaundice

15. What is the normal level in serum of : • Sodium • Potassium • Chloride

16. Hemochromatosis

17. Biochemical role of zinc

18. Biochemical role of magnesium

19. Significance of urine estriol estimation

20. Okasaki fragments

21. Estimation of serum copper

22. Van den Bergh test



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KMCT COLLEGE OF ALLIED HEALTH SCIENCES
FOURTH YEAR BSc MLT SECOND INTERNAL
EXAMINATIONS
BIOCHEMISTRY IV

Time:3 Hours

Total Marks:100

Essay

(2x10=20)

1. Discuss in detail the tests to assess the liver function.
 - Explain functions of liver, explain LFT
2. Describe iron metabolism in the body. Explain estimation of serum iron
 - Introduction, functions, metabolism, absorption, disorders, estimation methods

Shortnotes

(10x5=50)

3. Tests to assess hepatic injury
 - Explain LFT, write detail about test for hepatic injury.
4. Methods to estimate serum sodium
 - Explain different methods, normal value, disorders
5. Describe the synthesis of VMA and its estimation in urine
 - Explain about synthesis and significance of VMA, write in detail about estimation.
6. Laboratory findings in pre hepatic, hepatic and post hepatic jaundice
 - Explain jaundice, write about LFT, explain all the laboratory findings in pre hepatic, hepatic and post hepatic jaundice
7. Estimation of urinary 17 ketosteroids and its significance
 - Write about synthesis and significance of 17 ketosteroids, explain in detail about estimation.
8. Clearance tests
 - Define clearance test, explain all clearance and clinical significance.
9. Estimation and Clinical significance of serum Phosphorus
10. 5 HIAA
 - Define 5 HIAA and its significance, write about estimation.
11. Wilson's disease
 - Explain causes, symptoms, clinical manifestations, treatment
12. DNA replication
 - Introduction, steps, picture, disorders, damage and repair

Answer briefly

(10x3=30)

13. Biochemical role of iodine
14. Three characteristics findings in obstructive jaundice
15. What is the normal level in serum of : • Sodium • Potassium • Chloride
16. Hemochromatosis
17. Biochemical role of zinc
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19. Significance of urine estriol estimation
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