

26/10/19 BCH/2/19

DEPARTMENT OF BIOCHEMISTRY-GVPIIC&MT MEDICAL COLLEGE
TEACHING SCHEDULE FOR THEORY CLASSES -NOVEMBER 2019-20 Batch

| Date | Topic | Professor/Asst. Professor/Tutor | Signature |
|----------|--|---------------------------------|-------------------------|
| 1-11-19 | BI -6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Vitamin-E&K(PE 12.11 TO 12.14) | B.Krishna | <i>B. Krishna</i> |
| 6-11-19 | BI-2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions | Dr.C.Vamsi Krishna | <i>C. Vamsi</i> |
| 7-11-19 | BI-.2.6 Discuss use of enzymes in laboratory investigations (Enzyme-based assays | Dr.C.Vamsi Krishna | <i>C. Vamsi</i> |
| 8-11-19 | BI-6.2 Describe and discuss the metabolic processes in which nucleotides are involved BI -6.3 Describe the common disorders associated with nucleotide metabolism | Dr.J.Sudharani | <i>J. Sudharani</i> |
| 13-11-19 | BI- 6.4 -High energy Phosphates | Dr.J.Sudharani | <i>J. Sudharani</i> |
| 14-11-19 | BI-6.6 Describe the biochemical processes involved in generation of energy in cells (ETC).BI-.6.6 Describe the biochemical processes involved in generation of energy in cells. (OXIDATIVE PHOSPHORYLATION) | Dr.VAR Satyanaryana | <i>VAR Satyanaryana</i> |
| 15-11-19 | BI-6.6 ETC-Uncouplers & Theory of ATP synthesis | Dr.VAR Satyanaryana | <i>VAR Satyanaryana</i> |
| 20-11-19 | BI-3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage (PY 4.2 & 4.4) | Dr.N.RamaKrishna | <i>RD</i> |
| 21-11-19 | BI3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage (PY 4.2 & 4.4) BI -3.3 Describe and discuss the digestion and assimilation of carbohydrates from food | Dr.N.RamaKrishna | <i>RD</i> |
| 22-11-19 | BI-4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism (PY-4.2&4.7) | Dr.N.RamaKrishna | <i>RD</i> |
| 27-11-19 | BI- 5.3 Describe the digestion and absorption of dietary proteins PY 4.9 | Dr.N.RamaKrishna | <i>RD</i> |
| 28-11-19 | BI -3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). HMP PATHWAY (PA-16.2) | Dr.N.RamaKrishna | <i>RD</i> |
| 29-11-19 | BI-3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders | Dr.N.RamaKrishna | <i>RD</i> |

Signature

DR. N. RAMAKRISHNA

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Batch 26/10/19

BCH/2/19

**DEPARTMENT OF BIOCHEMISTRY- GVPIHC&MT MEDICAL COLLEGE
TEACHING SCHEDULE FOR PRACTICAL CLASSES- NOVEMBER 2019-20 Batch**

| Date | TOPIC | Professor/Asst. Professor/Tutor | Batch | Signature |
|----------|--|---------------------------------|-------|-----------|
| 1-11-19 | BI -11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS - | Dr. N.Asha Kiran | B | |
| 2-11-19 | BI -11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS | Dr. N.Asha Kiran | A | |
| 3-11-19 | SUNDAY | | | |
| 4-11-19 | BI -11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS | Dr.C.Vamsi Krishna | C | |
| 5-11-19 | BI -11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS | Dr.C.Vamsi Krishna | B | |
| 6-11-19 | BI -11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS | Dr.C.Vamsi Krishna | A | |
| 7-11-19 | BI- 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS | P S P.Tejaswi | C | |
| 8-11-19 | BI -11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS | P S P.Tejaswi | B | |
| 9-11-19 | BI -11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- REACTIONS OF PROTEINS | P S P.Tejaswi | A | |
| 10-11-19 | SUNDAY | | | |
| 11-11-19 | BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- IDENTIFICATION OF UNKNOWN PROTEIN | Dr. N.Asha Kiran | C | |
| 12-11-19 | BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- IDENTIFICATION OF UNKNOWN PROTEIN | Dr. N.Asha Kiran | B | |
| 13-11-19 | BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- IDENTIFICATION OF UNKNOWN PROTEIN | Dr. N.Asha Kiran | A | |
| 14-11-19 | BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- IDENTIFICATION OF UNKNOWN AMINOACID | Dr.C.Vamsi Krishna | C | |
| 15-11-19 | BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- IDENTIFICATION OF UNKNOWN AMINOACID | Dr.C.Vamsi Krishna | B | |
| 16-11-19 | BI 11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography-- IDENTIFICATION OF UNKNOWN AMINOACID | Dr.C.Vamsi Krishna | A | |
| 17-11-19 | SUNDAY | | | |
| 18-11-19 | BI11.5-Describe screening of urine for inborn errors & | Dr.J.Sudharani | C | |

As per

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|----------|---|----------------------------|---|--------------------------------|
| | describe the use of paper chromatography (REACTIONS OF CARBOHYDRATES) | | | |
| 19-11-19 | BI11.5-Describe screening of urine for inborn errors & describe the use of paper chromatography (REACTIONS OF CARBOHYDRATES) | Dr.J.Sudharani | B | <i>JS</i> |
| 20-11-19 | BI-11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (REACTIONS OF CARBOHYDRATES) | Dr.J.Sudharani | A | <i>JS</i> |
| 21-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – NORMAL URINE | P S P.Tejaswi B.Krishna | C | <i>PK</i> <i>B. Krishna</i> |
| 22-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – NORMAL URINE | P S P.Tejaswi B.Krishna | B | <i>PK</i> <i>B. Krishna</i> |
| 23-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents – NORMAL URINE | P S P.Tejaswi B.Krishna | A | <i>PK</i> <i>B. Krishna</i> |
| 24-11-19 | SUNDAY | | | |
| 25-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE | B.Krishna | C | <i>B. Krishna</i> |
| 26-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE | B.Krishna | B | <i>B. Krishna</i> |
| 27-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE | B.Krishna | A | <i>B. Krishna</i> |
| 28-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE | P S P.Tejaswi | C | <i>PK</i> |
| 29-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE | P S P.Tejaswi | B | <i>PK</i> |
| 30-11-19 | BI 11.3 Describe the chemical components of normal urine & BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents –NORMAL URINE | P S P.Tejaswi | A | <i>PK</i> |

Signature

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