|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Topic**  | **Hours** **(32)****ساعه حسابيه** | **Weight %** | **Marks****(50)** | **Midterm****(15)** | **End term****(35)**  |
| **MCQ** | **SAQs** |
| Nucleic acid structure & DNA & RNAs structure and repair   | 6 | **18.75** | 10 | **4** | **3** | 3 |
| Replication -Transcription and Processing - Translation and Processing  | 8 | **25** | 12 | **6** | **6** | \*\*\* |
| Regulation of gene expression -  Oncogenes and Proto- oncogenes and mutations   | 6 | **18.75** | 9 | \*\*\* | **6** | 3 |
| Recombinant DNA technology  | 2  | **6.25** | 3 | \*\*\* | **3** | \*\*\* |
| Histological structure of nucleus   | 2  | **6.25** | **3** | **2** | **1** |  |
| Cell cycle, Structure of chromosome, Karyotyping & Sex chromatin  | 4  | **12.5** | **6** | **3** | **3** |  |
| Chromosomal abnormality  | 4  | **12.5** | **7** |  | **4** | **3** |
| **Total** | **32** |  | 50 | **15** | **26** | **9** |
|  |  |  |  |  |  |  |

OSPE:

Biochemistry: 15

Histology: 10