|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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