**The Blue Print for IBF module**

**(2024-2025)**

| **Topic**  | **Hours** **(42)****ساعه حسابيه** | **Weight %** | **Marks****(60)** | **Midterm****(20)** | **End term****(40)**  |
| --- | --- | --- | --- | --- | --- |
| Physical chemistry Introduction to Buffers and changes of blood PH | **2** | **4** | **2** | **1** | **-** |
| Physical chemistry Acidosis  | **2** | **4** | **2** | **1** | **1** |
| Physical chemistry Alkalosis  | **2** | **4** | **2** | **1** | **1** |
| Introduction – ganglia – Autonomic nervous system- sympathetic nervous system 1&2 | **6** | **10** | **6** | **3****4** | **4** |
| Amino acids chemistry 1& 2& 3 | **6** | **15** | **10** | **2** | **2** |
| protein chemistry 1&2&3 | **6** | **15** | **10** | **2** | **2** |
| Parasympathetic nervous system 1&2 | **4** | **10** | **6** | **3** | **6** |
| Extracellular protein chemistry | **2** | **4** | **2** | **1** | **2** |
| Lipid chemistry 1&2&3 | **6** | **15** | **10** | **2** | **10** |
| Carbohydrate chemistry 1&2&3 | **6** | **15** | **10** | **-** | **10** |
| Minerals chemistry 1&2  | **2** | **4** | **2** | **-** | **2** |
| **Total**  | **42** | **100** | **60** | **20** | **40** |