**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** |