# ASSESSMENT FRAMEWORK COMPUTER SCIENCE 9TH

| Unit No | Unit Name | No. of SLOs as Per Curriculum | | | | No. of SLOs **not** Assessed through paper pen test | No. of SLOs to be Assessed | | | |
| | | No.of SLOs / Weightage % | Cognitive Level | | | | No. of SLOs Assessed by paper pen test | Cognitive Level | | |
| | | | K | U | A | | | K | U | A |
| 1 | FUNDAMENTALS OF COMPUTER | 12 / 15% | 5 | 6 | 1 | 0 | 12 | 5 | 6 | 1 |
| 2 | FUNDAMENTALS OF O.S | 10 / 15% | 1 | 6 | **0** | 1 | 9 | 5 | 2 | 2 |
| 3 | OFFICE AUTOMATION | 20 / 25% | 0 | 1 | **19** | 19 | 1 | 0 | 1 | 0 |
| 4 | DATA COMMUNICATION | 11 / 20% | 4 | 7 | 0 | 0 | 11 | 4 | 7 | 0 |
| 5 | COMPUTER NETWORKS | 11 / 15% | 5 | 6 | 0 | 0 | 11 | 5 | 6 | 0 |
| 6 | COMPUTER SECURITY AND ETHICS | 12 / 10% | 8 | 4 | 0 | 0 | 11 | 8 | 4 | 0 |
| | TOTAL | 76 / 100% | 23 | 30 | 23 | **20** | 55 | 23 | 30 | 3 |
| | Percentage % | 100 % | 30% | 40 % | 30 % | **27%**Practical Exam | 73 % | 30 % | 40 % | 4% |

The 20 SLOs eliminated from the TOS cannot be assessed through paper pencil test. These SLOs will be assessed in Practical examination having 20 Marks.

# TABLE OF SPECIFICATIONS COMPUTER SCIENCE 9TH

| Unit No. | Unit Name | Type of Question | No. of Questions | Marks of each question | Total Marks |
|---|---|---|---|---|---|
| | TOTAL | **MCQs** | **11** | **1** | **11** |
| 1 | FUNDAMENTALS OF COMPUTER | MCQ | 2 | 1 Mark | 2 |
| 2 | FUNDAMENTALS OF O.S | MCQ | 2 | 1 Mark | 2 |
| 3 | OFFICE AUTOMATION | MCQ | 3 | 1 Mark | 3 |
| 4 | DATA COMMUNICATION | MCQ | 2 | 1 Mark | 2 |
| 5 | COMPUTER NETWORKS | MCQ | 1 | 1 Mark | 1 |
| 6 | COMPUTER SECURITY AND ETHICS | MCQ | 1 | 1 Mark | 1 |
| | TOTAL | **RRQs** | **7/9** | **4** | **28/36** |
| 1 | FUNDAMENTALS OF COMPUTER | RRQ | 1 | 4 Mark | 4 |
| 2 | FUNDAMENTALS OF O.S | RRQ | 1 | 4 Mark | 4 |
| 3 | OFFICE AUTOMATION | RRQ | 3 | 4 Mark | 12 |
| 4 | DATA COMMUNICATION | RRQ | 2 | 4 Mark | 8 |
| 5 | COMPUTER NETWORKS | RRQ | 1 | 4 Mark | 4 |
| 6 | COMPUTER SECURITY AND ETHICS | RRQ | 1 | 4 Mark | 4 |
| | TOTAL | **ERQs** | **2/3** | **8** | **16/24** |
| 2 | FUNDAMENTALS OF O.S | ERQ | 1 | 8 | 8 |
| 4 | DATA COMMUNICATION | ERQ | 1 | 8 | 8 |
| 5 | COMPUTER NETWORKS | ERQ | 1 | 8 | 8 |

TABLE: **DIFFICULTY LEVEL FOR SLO BASED QUESTION PAPER/ITEM BANK**

| Items | No of items | Easy | Moderate | Difficult |
|---|---|---|---|---|
| MCQs | 11 | 5 | 5 | 1 |
| RRQs | 9 | 5 | 3 | 1 |
| ERQs | 3 | 1 | 2 | 0 |
| % | Total | 40% | 50% | 10% |

Table: **WEIGHTAGE OF COGNITIVE LEVELS FOR SLO BASEDQUESTION PAPER/ ITEM BANK**

| Cognitive Level of SLOs Assessed | Percentage % | Marks |
|---|---|---|
| Knowledge (K) | 30 % | 22 Marks |
| Understanding (U) | 40 % | 30 Marks |
| Application (A) | 4 % | 03 Marks |
| Total Theory Examination | 73% | 55 Marks |
| Practical Examination | 27% | 20 Marks |
| Final Total | 100% | 75 Marks |