# How to calculate your ISE and ICA Marks?

**(For CGPA system WEF 2013-2014)**

ISE: Internal Sessional Examination [Credit Examination)

ESE: End Semester Examination [Final University Examination],

ICA: Internal Continuous Assessment (Attendance of subject, practical attendance, Credit test marks, Practical Experiment assessment marks]

## How to calculate ISE Marks

ISE: - Internal Sessional Examination – Total Marks allotted - 20, no minimum passing required.

Total Theory marks: ESE + ISE = 80 + 20 = 100.

80 marks Theory exam will be conducted by the university

20 marks will be awarded on the basis of performance of student in sessional examinations (credit tests). 4 credit tests will be conducted in a semester and ISE will be calculated based on average of all 4 credit test marks.

### Example –

### How to calculate ISE of SSDC-I Subject?

| | Credit Marks of SSDC-I | | | | | Total / 4 | |
|---|---|---|---|---|---|---|---|
| Name of Student | Credit-1 | Credit-2 | Credit-3 | Credit-4 | Total | Average | Out of 20 |
| ABC | 15 | 20 | 22 | 10 | 67 | 17 | **12** |
| PQR | 30 | 30 | 30 | 30 | 120 | 30 | **20** |
| XYZ | AB | 10 | 15 | 20 | 45 | 15 | **10** |

Average of Credit Test Marks = (Sum of marks obtained in all credit exam) / (Total no of credit exam conducted)

ISE (out of 20 for 4 credit test) = $\frac{(\text{average of credit marks}) \text{ X } 20}{30}$

Example:

(Student A): Average of Credit Test Marks = $\frac{(67)}{(4)}$ = 16.75 (rounded up to 17)

(Student A): ISE (out of 20 for 4 credit test) = $\frac{(17) \text{ X } 20}{30}$ = 11.33 (rounded up to 12)

# How to calculate ICA marks

## A) Calculation of Attendance Marks: (out of 50)

| Average of CA + PA | Attendance Marks |
|---|---|
| 70 and above | 50 |
| Less than 70 | 0 |

* CA = Class attendance in percentage.

* PA = Practical attendance in percentage.

Example-

If average attendance student “A” for Theory and practical is 75 %, Final attendance Marks = 50 out of 50

## B) Calculation of Practical Experiment Marks: (out of 50)

Each Practical Experiment carries 5 marks, subdivided as

1) Lab Attendance [2 marks ]

   a) Pre lab work done (if any) [1 marks]

   b) Records of Lab Notebook [1 marks]

2) Observations and Conclusion [2 marks]

3) Oral [1 marks]

$$\text{Total Experiment Marks} = \frac{(\text{sum of all experiment marks obtained}) \text{ X } 50}{(\text{Total no of experiments conducted}) \text{ X } 5}$$

Example-

If total 8 experiments are conducted for Satellite communication subject, and student “A” obtained total 35 marks, then Final Practical Experiment Marks = 35 out of 40

$$\text{Total Experiment Marks} = \frac{(35) \text{ X } 50}{(8) \text{ X } 5} = 43.75 = 44 \text{ (roundup)}$$

## C) Calculation of Credit Marks:

Total Credit Conducted = 4 (Each credit exam will carry30 marks) = Total 120marks for four credit exam.

Criteria for awarding Credit marks (considering 4 credit test) for ICA

| Obtained credit marks | Awarded credit marks (out of 120) |
|---|---|
| 80 to 120 | 120 |
| 70 to 79 | 100 |
| 60 to 69 | 80 |
| 48 to 59 | 70 |
| Less than 48 | As it is (total of obtained marks) |

**Note:** Any student found in Copy Case, for that credit exam, marks allotted will be **"0" (Zero)**

**Total ICA marks Calculation (for subject having Practical)**

| | Attendance Marks (A) | Experiment Marks (B) | Credit Marks (C) | Total (A+B+C) | Marks Out of 25 |
|---|---|---|---|---|---|
| Out of | 50 | 50 | 120 | 220 | |
| Obtained marks | | | | | |

Example –

| | Attendance Marks (A) | Experiment Marks (B) | Credit Marks (C) | Total (A+B+C) | Marks Out of 25 |
|---|---|---|---|---|---|
| Out of | 50 | 50 | 120 | 220 | 25 |
| Obtained marks **(Student A)** | **50** | **44** | **70** | **164** | **19** |
| Obtained marks **(Student B)** | **50** | **40** | **120** | **210** | **24** |
| Obtained marks **(Student C)** | **50** | **30** | **0** | **80** | **10** |

## For subject having 25 Marks ICA:

(Student A): ICA Marks (out of 25) = $\frac{(\text{sum of all marks obtained}) \text{ X } 25}{220}$ **= 18.63 = 19**

## For subject having 50 Marks ICA:

(Student A): ICA Marks (out of 50) = $\frac{(\text{sum of all marks obtained}) \text{ X } 50}{220}$ **= 37.27 = 38**

**Total ICA marks Calculation (for subject which has no Practical)**

| | Attendance Marks (A) | Credit Marks (C) | Total (A +C) | Marks Out of 25 |
|---|---|---|---|---|
| Out of | 50 | 120 | 170 | 25 |
| Obtained marks | | | | |

Example –

| | Attendance Marks (A) | Credit Marks (C) | Total (A +C) | Marks Out of 25 |
|---|---|---|---|---|
| Out of | 50 | 120 | 170 | 25 |
| Obtained marks **(Student A)** | **50** | **70** | **120** | **18** |
| Obtained marks **(Student B)** | **50** | **100** | **150** | **23** |

## For subject having 25 Marks ICA:

**(Student A)**: ICA Marks (out of 25) = $\frac{(\text{sum of all marks obtained}) \text{ X } 25}{170}$ = 17.64 = 18

## For subject having 50 Marks ICA:

**(Student A)**: ICA Marks (out of 50) = $\frac{(\text{sum of all marks obtained}) \text{ X } 50}{170}$ = 35.29 = 36