SPECIMEN — FICTIONAL · ANSWER KEY

Specimen 05 Mark and Points Columns — Answer key

Student: MOCKUP, Casey (FICTIONAL) · SPECIMEN UNIVERSITY · Bachelor of Science (Specimen Program) · 40 course lines.
Expected printed_totals: total_credits **123**, cgpa_or_average **72.35**.

What this specimen tests

- The Points column (credits x mark) sits directly beside the Mark column. native_grade is the Mark, never the Points value (rule 3).
- Every Points value is 100 or more, so a points value in the grade field is plain in the key.
- Dense rows of two numbers invite a mark or credit value from the row above or below.
- Totals appear per semester, as carried/brought forward page totals, and cumulatively. printed_totals takes the final cumulative figures (rule 4). The extraction note shown is acceptable, not required.
- Printed semester points totals check the marks as well as the credits.

Printed figures, recomputed from the key lines

Figure	Printed	Recomputed	Match
Semester 1 credits	31	31	✓
Semester 1 points	2369	2369	✓
Semester 1 average	76.42	76.42	✓
Semester 2 credits	26	26	✓
Semester 2 points	1953	1953	✓
Semester 2 average	75.12	75.12	✓
Semester 3 credits	32	32	✓
Semester 3 points	2260	2260	✓
Semester 3 average	70.63	70.63	✓
Semester 4 credits	34	34	✓
Semester 4 points	2317	2317	✓
Semester 4 average	68.15	68.15	✓
Carried/brought forward credits	57	57	✓
Carried/brought forward points	4322	4322	✓
Cumulative credits	123	123	✓
Cumulative points	8899	8899	✓
Final average	72.35	72.35	✓

Expected extraction notes

- Totals are printed per semester, per page (carried/brought forward) and cumulatively; printed_totals uses the cumulative figures on page 2. (page 2)

grading_scale_hint (verbatim): “Marks are out of 100. Pass mark 50. Points = Credits x Mark. Average = Total Points / Total Credits.”

Course lines

Pg	Line	Term	Code	Course	Credits	Grade
1	1	Semester 1	CHM 101	Physical Chemistry	3	71
1	2	Semester 1	ENG 101	Public Speaking	3	96
1	3	Semester 1	MTH 101	Calculus I	3	86
1	4	Semester 1	PHY 101	General Physics II	3	55
1	5	Semester 1	LAB 101	Microbiology Laboratory	4	89
1	6	Semester 1	PHY 102	Modern Physics	2	73
1	7	Semester 1	PHY 103	Physics Laboratory II	4	67
1	8	Semester 1	CHM 102	General Chemistry II	2	70
1	9	Semester 1	GEN 101	Communication Skills	3	65
1	10	Semester 1	CHM 103	Inorganic Chemistry	4	85
1	11	Semester 2	GEN 102	Ethics and Society	2	76
1	12	Semester 2	GEN 103	Technical Writing	3	71
1	13	Semester 2	ENG 102	English Composition	3	63
1	14	Semester 2	STA 101	Statistical Inference	2	76
1	15	Semester 2	MTH 102	Differential Equations	4	75
1	16	Semester 2	GEN 104	Research Methods	2	62
1	17	Semester 2	CSC 101	Operating Systems	3	78
1	18	Semester 2	BIO 101	Biology Laboratory I	3	91

1	19	Semester 2	LAB 102	Cell Biology Laboratory	2	73
1	20	Semester 2	MTH 103	Discrete Mathematics	2	85
2	1	Semester 3	PHY 201	Physics Laboratory I	2	92
2	2	Semester 3	LAB 201	Organic Chemistry Laboratory	4	73
2	3	Semester 3	CSC 201	Computer Networks	4	66
2	4	Semester 3	LAB 202	Computing Laboratory	3	93
2	5	Semester 3	GEN 201	Logic and Critical Thinking	2	96
2	6	Semester 3	CSC 202	Data Structures	4	52
2	7	Semester 3	PHY 202	Optics	3	73
2	8	Semester 3	CSC 203	Introduction to Computing	2	69
2	9	Semester 3	BIO 201	Microbiology	4	56
2	10	Semester 3	LAB 203	Analytical Chemistry Laboratory	4	65
2	11	Semester 4	BIO 202	Plant Physiology	4	63
2	12	Semester 4	PHY 203	Electricity and Magnetism	2	54
2	13	Semester 4	PHY 204	Thermodynamics	3	55
2	14	Semester 4	STA 201	Regression Analysis	4	73
2	15	Semester 4	BIO 203	Animal Physiology	4	86
2	16	Semester 4	CHM 201	Chemistry Laboratory I	2	80
2	17	Semester 4	BIO 204	Biology Laboratory II	4	84
2	18	Semester 4	CSC 204	Programming I	4	56
2	19	Semester 4	MTH 201	Abstract Algebra	4	64
2	20	Semester 4	CHM 202	Chemistry Laboratory II	3	60

A line is right only when its code, title, credits and grade all match this key exactly. “Page” is the page of the PDF file.