

# Scoring Examinations

## THE ELECTRICAL WAY

NAME Smith Mary DATE June 20  
LAST FIRST MIDDLE  
SCHOOL Central CITY Middletown

21 22 23 24 25 26 27 28 29 30

51 52 53 54 55 56 57 58 59 60

81 82 83 84

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# *The International* **TEST SCORING MACHINE**

★ The International Test Scoring Machine is a device that removes the burden and much of the expense involved in the accurate scoring of examinations.

It is designed specifically for use in educational, business and governmental institutions where tests of the objective type are used in measuring academic achievement, mental traits, aptitudes, personality, vocational interests, and other areas necessary for the guidance or placement of students and personnel.

Large numbers of objective tests . . . requiring "true or false" answers, or the selection of one from among several suggested answers to each question . . . are scored mechanically in a mere fraction of the time required by hand.

A machine operator scores tests at a rate of from 400 to 800 an hour. No more time is required to score a sheet of 200 answers than for one of 5 or 10.

A single answer sheet provides sufficient space for answers on several different subjects, three of which may be scored with one insertion.

A glance at the meter reveals the score . . . an accurate total of the right answers . . . the number wrong . . . or the difference between the two. The turn of a control switch puts the scores into the terms desired . . . even into percentage figures.

NAME Smith Mary Jane DATE June 20  
LAST FIRST MIDDLE

DATE OF BIRTH \_\_\_\_\_ AGE 17 SEX F

SCHOOL Central CITY Middletown

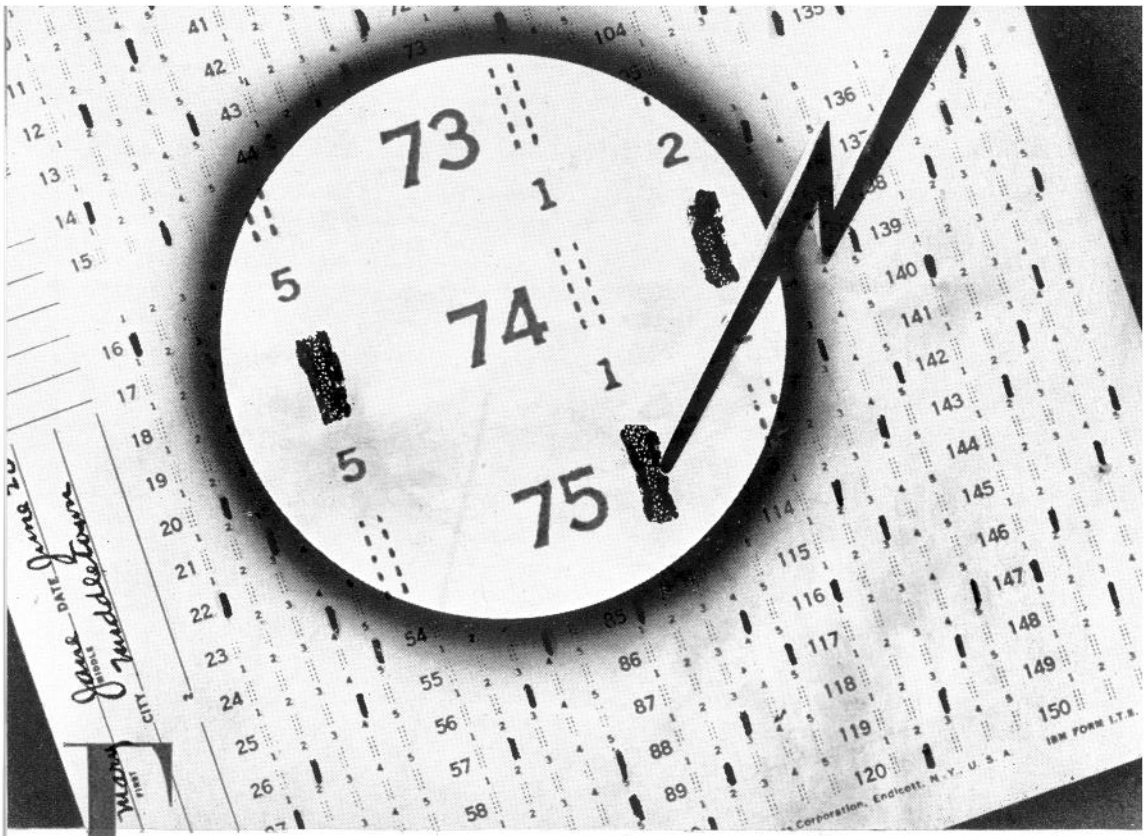
GRADE OR CLASS 7E INSTRUCTOR R. E. Woods

NAME OF TEST Mathematics PART 4

30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94
95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126
127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142
143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158
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175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190
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239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254
255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270
271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286
287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302
303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318
319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334
335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350

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# ELECTRICAL CURRENT AND PENCIL MARKS



Black pencil lead is made from graphite. When this substance is deposited on paper in a pencil mark, it will conduct electricity. It is on this principle that the International Test Scoring Machine operates.

Questions are answered for mechanical scoring merely by placing heavy pencil marks in numbered positions on special answer sheets.

When an answer sheet is dropped into the machine, the pencil marks are pressed against a series of electrical contacts. Each mark closes a circuit to allow a controlled amount of current to flow. The current flowing through all the right answer marks registers on the meter as total rights, and that flowing through the wrongs appears as the total, fraction or multiple of wrongs. Final scores are produced according to the setting of a control switch.

## INTERNATIONAL BUSINESS MACHINES CORPORATION

World Headquarters Building  
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