

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
1	BOOKLET	IDBOOK BOOKLET ID	0	NO BOOKLET WAS ASSIGNED	1- 2/C 2.0
			1	BOOKLET 1	
			2	BOOKLET 2	
			3	BOOKLET 3	
			4	BOOKLET 4	
			5	BOOKLET 5	
			6	BOOKLET 6	
			7	BOOKLET 7	
			8	BOOKLET 8	
			99	omitted	
			98	not admin.	
				VLD: IDBOOK\$'0#1#2#3#4#5#6#7#8#99#98'	
				Flags: SCR: 1 / CAR:F / CAT:ID / DEF:	
				COMMENT:	
2	SCORER A	IDSCORA ACHIEVEMENT SCORER ID	VALUE	IDSCORA ID	3- 5/N 3.0
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 2 / CAR:T / CAT:ID / DEF:	
				COMMENT:	
3	PUNCHER	IDPUNCH PUNCHER ID	VALUE	IDPUNCH ID	6- 8/N 3.0
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 3 / CAR:T / CAT:ID / DEF:	
				COMMENT:	
4	COUNTRY	IDCNTRY COUNTRY ID	VALUE	IDCNTRY ID	9- 13/N 5.0
			99999	omitted	
			99998	not admin.	
				VLD: .T.	
				Flags: SCR: 4 / CAR:T / CAT:ID / DEF:	
				COMMENT:	
5	SCHOOL	IDSCHOOL SCHOOL ID	VALUE	IDSCHOOL ID	14- 17/N 4.0
			9999	omitted	
			9998	not admin.	
				VLD: (IDSCHOOL>=1.AND.IDSCHOOL<=9996).OR.IDSCHOOL=9999.	
				OR.IDSCHOOL=9998	
				Flags: SCR: 5 / CAR:T / CAT:ID / DEF:	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
6 CLASS	IDCLASS	CLASS ID	VALUE 999999 999998	IDCLASS ID omitted not admin. VLD: (IDCLASS>=101.AND.IDCLASS<=999996).OR.IDCLASS=999999.OR.IDCLASS=999998 Flags: SCR: 6 / CAR:T / CAT:ID / DEF:	18- 23/N 6.0
COMMENT:					
7 STUD	IDSTUD	STUDENT ID	VALUE 9999999 9999999	IDSTUD ID omitted not admin. VLD: (IDSTUD>=10101.AND.IDSTUD<=99999996).OR.IDSTUD=99999999.OR.IDSTUD=99999998 Flags: SCR: 7 / CAR:F / CAT:ID / DEF:	24- 31/N 8.0
COMMENT:					
8 P01_01	PA13001	COMPARING NOTES ON OSCILLOSCOPE (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached VLD: PA13001\$'1#2#3#4#9#8#6' Flags: SCR: 8 / CAR:F / CAT:M1 / DEF: 7	32 /C 1.0
COMMENT: Mechanics/ Applying (T) (E_01)					
9 P01_02	PA13002	HALF-LIFE OF THORIUM (B)	1 2 3 4 9 8 6	A B* C D omitted not admin. not reached VLD: PA13002\$'1#2#3#4#9#8#6' Flags: SCR: 9 / CAR:F / CAT:M2 / DEF: 7	33 /C 1.0
COMMENT: Atomic and Nuclear Physics/ Applying (T) (E_02)					

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
10 P01_03	PA13003	TENSION IN THREAD BETWEEN TWO POINTS (C)	1	A	34 /C 1.0
			2	B	
			3	C*	
			4	D	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13003\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 10 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Mechanics/ Applying (T) (E_03)	
11 P01_04	PA13004	CIRCUIT IN BOX (D)	1	A	35 /C 1.0
			2	B	
			3	C	
			4	D*	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13004\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 11 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: Electricity and Magnetism/ Applying (T) (E_04)	
12 P01_05	PA13005	DEPTH OF WELL (C)	1	A	36 /C 1.0
			2	B	
			3	C*	
			4	D	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13005\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 12 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Mechanics/ Applying (T) (E_05)	
13 P01_06	PA13006	PLACEMENT OF THIRD CHARGE (D)	1	A	37 /C 1.0
			2	B	
			3	C	
			4	D*	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13006\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 13 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: Electricity and Magnetism/ Applying (T) (E_06)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
14 P01_07	PA13007	BETA RADIATION OUTPUT FROM DISCS (B)	1	A	38 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13007\$'1#2#3#4#9#8#6'	
				Flags: SCR: 14 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/ Reasoning (T) (E_07)	
15 P01_08	PA13008	NUMBER OF MOLECULES OF AIR (D)	1	A	39 /C 1.0
			2	B	
			3	C	
			4	D*	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13008\$'1#2#3#4#9#8#6'	
				Flags: SCR: 15 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: (T) (E_08)	
16 P01_09	PA13009	CIRCUIT READINGS OF CLOSED SWITCH (A)	1	A*	40 /C 1.0
			2	B	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13009\$'1#2#3#4#9#8#6'	
				Flags: SCR: 16 / CAR:F / CAT:M1 / DEF: 7	
				COMMENT: Electricity and Magnetism/ Reasoning (T) (E_09)	
17 P01_10	PA13010	LIGHT PASSING THROUGH LENS (A)	1	A*	41 /C 1.0
			2	B	
			3	C	
			4	D	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13010\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 17 / CAR:F / CAT:M1 / DEF: 7	
				COMMENT: (T) (E_10)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
18 P02_01	PA13011	FRAUNHOFER LINES (B)	1	A	42 /C 1.0
			2	B*	
			3	C	
			4	D	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13011\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 18 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/ Knowing (T) (F_01)	
19 P02_02	PA13012	FORCE ON CONNECTED SPRINGS (C)	1	A	43 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13012\$'1#2#3#4#9#8#6'	
				Flags: SCR: 19 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Mechanics/ Applying (T) (F_02)	
20 P02_03	PA13013	RUTHERFORD EXPERIMENT (C)	1	A	44 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13013\$'1#2#3#4#9#8#6'	
				Flags: SCR: 20 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/ Reasoning (T) (F_03)	
21 P02_04	PA13014	SPEED OF AIRCRAFT (B)	1	A	45 /C 1.0
			2	B*	
			3	C	
			4	D	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13014\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 21 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Mechanics/ Reasoning (T) (F_04)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
22 P02_05	PA13015	HEAT TRANSFER (C)	1	A	46 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13015\$'1#2#3#4#9#8#6'	
				Flags: SCR: 22 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Heat and Temperature/ Knowing (T) (F_05)	
23 P02_06	PA13016	DIRECTION OF MAGNETIC FORCE ON WIRE (D)	1	A	47 /C 1.0
			2	B	
			3	C	
			4	D*	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13016\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 23 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: Electricity and Magnetism/ Applying (T) (F_06)	
24 P02_07	PA13017	PHOTOELECTRIC EFFECT (D)	1	A	48 /C 1.0
			2	B	
			3	C	
			4	D*	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13017\$'1#2#3#4#9#8#6'	
				Flags: SCR: 24 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/ Reasoning (T) (F_07)	
25 P02_08	PA13018	BULBS USING LEAST POWER (C)	1	A	49 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13018\$'1#2#3#4#9#8#6'	
				Flags: SCR: 25 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Electricity and Magnetism/ Reasoning (T) (F_08)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
26 P02_09	PA13019	NUCLEAR CHANGE IN AN ATOM (B)	1	A	50 /C 1.0
			2	B*	
			3	C	
			4	D	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13019\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 26 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/ Applying (T) (F_09)	
27 P02_10	PA13020	SPEED-TIME GRAPHS OF BALL (B)	1	A	51 /C 1.0
			2	B*	
			3	C	
			4	D	
			5	E	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13020\$'1#2#3#4#5#9#8#6'	
				Flags: SCR: 27 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Mechanics/ Applying (T) (F_10)	
28 P03_01	PA13021	WAVELENGTHS OF RADIATION TYPES (A)	1	A*	52 /C 1.0
			2	B	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA13021\$'1#2#3#4#9#8#6'	
				Flags: SCR: 28 / CAR:F / CAT:M1 / DEF: 7	
				COMMENT: Electricity and Magnetism/ Knowing (T) (F_11)	
29 P03_02	PA13022	TEMPERATURE OF A SYSTEM (2)	20	CORR.RESP	53- 54/C 2.0
			10	PART.CORRECT RESP	
			11	PART.CORRECT RESP	
			19	PART.CORRECT RESP	
			70	INCORR.RESP	
			71	INCORR. RESP	
			79	INCORR.RESP	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA13022\$'20#10#11#19#70#71#79#99#98#96'	
				Flags: SCR: 29 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/ Applying (T) (F_12)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
30 P03_03	PA13023	WAVELENGTH IN SHALLOW WATER (1)	10	CORRECT RESPONSE	55- 56/C 2.0
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			72	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA13023\$'10#70#71#72#79#99#98#96'	
				Flags: SCR: 30 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/ Applying (T) (F_13)	
31 P03_04	PA13024	MAGNITUDE OF ELECTRIC FIELD STRENGTH (2)	20	CORR.RESPONSE	57- 58/C 2.0
			10	PART.CORRECT RESP	
			19	PART.CORRECT RESP	
			70	INCORR.RESP	
			71	INCORR.RESP	
			72	INCORR.RESP	
			79	INCORR.RESP	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA13024\$'20#10#19#70#71#72#79#99#98#96'	
				Flags: SCR: 31 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Electricity and Magnetism/ Applying (T) (F_14)	
32 P03_05	PA13025	PHOTOELECTRIC EFFECT IN 3 METALS (2)	20	CORR.RESP	59- 60/C 2.0
			21	CORR.RESP	
			10	PART.CORRECT	
			11	PART.CORRECT	
			12	PART.CORRECT	
			19	PART.CORRECT	
			70	INCORR.	
			71	INCORR.	
			79	INCORR.	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA13025\$'20#21#10#11#12#19#70#71#79#99#98#96'	
				Flags: SCR: 32 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Atomic and Nuclear Physics/ Reasoning (T) (F_15)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
33 P03_06	PA13026	PERIOD OF CHARGED PARTICLE IN FIELD (2)	10	CORR.RESPONSE	61- 62/C 2.0
			19	CORR.RESPONSE	
			70	INCORR. RESP	
			71	INCORR. RESP	
			72	INCORR.RESP	
			79	INCORR.RESP	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA13026\$'10#19#70#71#72#79#99#98#96'	
				Flags: SCR: 33 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Electricity and Magnetism/ Reasoning (T) (F_16)	
34 P03_07A	PA13027A	VALUE OF GRAVITY G (2)	19	CORR.RESP	63- 64/C 2.0
			10	PART.CORR	
			11	PART.CORR	
			70	INCORR	
			71	INCORR	
			72	INCORR	
			79	INCORR	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA13027A\$'19#10#11#70#71#72#79#99#98#96'	
				Flags: SCR: 34 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/ Reasoning (T) (F_17)	
35 P03_07B	PA13027B	ESTIMATE OF UNCERTAINTY IN G (1)	10	CORR.RESPONSE	65- 66/C 2.0
			11	CORR.RESPONSE	
			12	CORR.RESPONSE	
			19	CORR.RESPONSE	
			70	INCORR.RESP	
			71	INCORR.RESP	
			72	INCORR.RESP	
			73	INCORR.RESP	
			79	INCORR.RESP	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA13027B\$'10#11#12#19#70#71#72#73#79#99#98#96'	
				Flags: SCR: 35 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/ Reasoning (T) (F_17)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
36 P04_01	PA23071	GRAPH OF BALL'S POTENTIAL ENERGY (B)	1	A	67 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23071\$'1#2#3#4#9#8#6'	
				Flags: SCR: 36 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Mechanics/Applying (P08_05)	
37 P04_02	PA23146	DIRECTION OF ACCELERATION OF BODY (1)	10	CORRECT RESPONSE	68- 69/C 2.0
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23146\$'10#70#71#79#99#98#96'	
				Flags: SCR: 37 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/Knowing (P09_10)	
38 P04_03	PA23029	EXPLAIN TENNIS BALL REBOUND HEIGHT (D)	1	A	70 /C 1.0
			2	B	
			3	C	
			4	D*	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23029\$'1#2#3#4#9#8#6'	
				Flags: SCR: 38 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: Mechanics/Knowing (P04_10)	
39 P04_04	PA23104	DIRECTION OF ELECTRIC FORCE (C)	1	A	71 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23104\$'1#2#3#4#9#8#6'	
				Flags: SCR: 39 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Electricity and Magnetism/Applying (P04_01)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
40 P04_05	PA23038	CONNECTIONS IN DECREASING RESISTANCE (A)	1	A*	72 /C 1.0
			2	B	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23038\$'1#2#3#4#9#8#6'	
				Flags: SCR: 40 / CAR:F / CAT:M1 / DEF: 7	
				COMMENT: Electricity and Magnetism/Applying (P04_04)	
41 P04_06	PA23041	EXPLAIN WHAT SYMBOLS REPRESENT (1)	10	CORRECT RESPONSE	73- 74/C 2.0
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23041\$'10#70#79#99#98#96'	
				Flags: SCR: 41 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Electricity and Magnetism/Knowing (P04_06)	
42 P04_07	PA23053	GAS VOLUME WHEN PRESSURE DOUBLED (2)	20	CORR.RESPONSE	75- 76/C 2.0
			10	PART.CORRECT RESPONSE	
			11	PART.CORRECT RESPONSE	
			70	INCORR.RESPONSE	
			71	INCORR.RESPONSE	
			79	INCORR.RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23053\$'20#10#11#70#71#79#99#98#96'	
				Flags: SCR: 42 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/Applying (P04_07)	
43 P04_08	PA23148	WHY TEMP DECREASE WHEN AIR RISES (B)	1	A	77 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23148\$'1#2#3#4#9#8#6'	
				Flags: SCR: 43 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Heat and Temperature/Applying (P03_05)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
44 P04_09	PA23119	WHY FOOD STAYS AT SAME TEMP IN SUN (2)	20	CORR.RESPONSE	78- 79/C 2.0
			21	CORR.RESPONSE	
			10	PART.CORRECT RESPONSE	
			70	INCORR.RESPONSE	
			71	INCORR.RESPONSE	
			79	INCORR.RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23119\$'20#21#10#70#71#79#99#98#96'	
				Flags: SCR: 44 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/Reasoning (P04_05)	
45 P04_10	PA23088	PROTONS AND NEUTRONS IN ISOTOPES (1)	10	CORRECT RESPONSE	80- 81/C 2.0
			71	INCORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23088\$'10#71#70#79#99#98#96'	
				Flags: SCR: 45 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Atomic and Nuclear Physics/Knowing (P04_02)	
46 P04_11	PA23066	COMPLETE EQUATION FOR REACTION (1)	10	CORRECT RESPONSE	82- 83/C 2.0
			11	CORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23066\$'10#11#70#79#99#98#96'	
				Flags: SCR: 46 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Atomic and Nuclear Physics/Applying (P03_03)	
47 P05_01	PA23048	INTERVAL WITH WAVELENGTHS OF LIGHT (C)	1	A	84 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23048\$'1#2#3#4#9#8#6'	
				Flags: SCR: 47 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Electricity and Magnetism/Knowing (P05_05)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
48 P05_02	PA23039	INTERNAL RESISTANCE OF BATTERY (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached	85 /C 1.0
				VLD: PA23039\$'1#2#3#4#9#8#6'	
				Flags: SCR: 48 / CAR:F / CAT:M1 / DEF: 7	
				COMMENT: Electricity and Magnetism/Applying (P05_03)	
49 P05_03	PA23035	RESISTANCE OF BULB WHEN IT SHINES (1)	10 70 71 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached	86- 87/C 2.0
				VLD: PA23035\$'10#70#71#79#99#98#96'	
				Flags: SCR: 49 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Electricity and Magnetism/Applying (P08_03)	
50 P05_04	PA23042	PATHS PARTICLES FOLLOW (A)	1 2 3 4 9 8 6	A* B C D omitted not admin. not reached	88 /C 1.0
				VLD: PA23042\$'1#2#3#4#9#8#6'	
				Flags: SCR: 50 / CAR:F / CAT:M1 / DEF: 7	
				COMMENT: Electricity and Magnetism/Knowing (P01_04)	
51 P05_05	PA23012	TENSION OF STRING AS SYSTEM FALLS (1)	10 70 71 79 99 98 96	CORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE INCORRECT RESPONSE omitted not admin. not reached	89- 90/C 2.0
				VLD: PA23012\$'10#70#71#79#99#98#96'	
				Flags: SCR: 51 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/Reasoning (P05_09)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
52 P05_06	PA23131	DESCRIPTION OF PERSON MEASUREMENTS (B)	1	A	91 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23131\$'1#2#3#4#9#8#6'	
				Flags: SCR: 52 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Mechanics/Knowing (P05_10)	
53 P05_07	PA23051	ENERGY RELEASED FOR TEMP TO FALL (1)	10	CORRECT RESPONSE	92- 93/C 2.0
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23051\$'10#70#79#99#98#96'	
				Flags: SCR: 53 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/Applying (P05_06)	
54 P05_08	PA23085	TEMP WHEN TWO RODS HAVE SAME LENGTH (C)	1	A	94 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23085\$'1#2#3#4#9#8#6'	
				Flags: SCR: 54 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Heat and Temperature/Applying (P05_07)	
55 P05_09	PA23130	WHY PETALS LOOK BLACK IN GREEN LIGHT (2)	20	CORRECT RESPONSE	95- 96/C 2.0
			10	PARTIALLY CORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23130\$'20#10#70#79#99#98#96'	
				Flags: SCR: 55 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/Knowing (P05_08)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
56 P05_10	PA23086	EXPLAIN BLUE AS HOTTER THAN RED (1)	10	CORRECT RESPONSE	97- 98/C 2.0
			11	CORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23086\$'10#11#79#99#98#96'	
				Flags: SCR: 56 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/Reasoning (P09_06)	
57 P05_11	PA23064	YEARS PASSED SINCE MAMMOTH DIED (B)	1	A	99 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23064\$'1#2#3#4#9#8#6'	
				Flags: SCR: 57 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/Applying (P05_01)	
58 P06_01	PA23050	STATEMENTS OF METAL COLDER THAN WOOD (C)	1	A	100 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23050\$'1#2#3#4#9#8#6'	
				Flags: SCR: 58 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Heat and Temperature/Applying (P06_08)	
59 P06_02	PA23056	STATEMENT OF GREENHOUSE EFFECT (B)	1	A	101 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23056\$'1#2#3#4#9#8#6'	
				Flags: SCR: 59 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Heat and Temperature/Knowing (P09_05)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
60 P06_03	PA23142	ELECTROMAGNETIC RADIATION OF EARTH (B)	1	A	102 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23142\$'1#2#3#4#9#8#6'	
				Flags: SCR: 60 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Heat and Temperature/Knowing (P01_08)	
61 P06_04	PA23072	MAX DISTANCE SPRING WILL COMPRESS (2)	10	CORRECT RESPONSE	103- 104/C 2.0
			11	CORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23072\$'10#11#70#71#79#99#98#96'	
				Flags: SCR: 61 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/Applying (P08_06)	
62 P06_05	PA23022	SHOW VENUS MOVES FASTER THAN EARTH (2)	20	CORRECT RESPONSE	105- 106/C 2.0
			10	PARTIALLY CORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23022\$'20#10#70#79#99#98#96'	
				Flags: SCR: 62 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/Reasoning (P06_07)	
63 P06_06	PA23030	FIGURE DESCRIBING FORCES ON Q AND 2Q (B)	1	A	107 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23030\$'1#2#3#4#9#8#6'	
				Flags: SCR: 63 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Electricity and Magnetism/Applying (P06_04)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
64 P06_07	PA23078	COMBINED FORCE OF A AND B ON C (2)	10	CORRECT RESPONSE	108- 109/C 2.0
			11	CORRECT RESPONSE	
			12	CORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23078\$'10#11#12#70#79#99#98#96'	
				Flags: SCR: 64 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Electricity and Magnetism/Reasoning (P02_07)	
65 P06_08	PA23113	STATEMENTS ABOUT RED LASER POINTER (D)	1	A	110 /C 1.0
			2	B	
			3	C	
			4	D*	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23113\$'1#2#3#4#9#8#6'	
				Flags: SCR: 65 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: Electricity and Magnetism/Reasoning (P06_06)	
66 P06_09	PA23128	WHY DON'T SUNBURN BEHIND GLASS (1)	10	CORRECT RESPONSE	111- 112/C 2.0
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			72	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23128\$'10#70#71#72#79#99#98#96'	
				Flags: SCR: 66 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Electricity and Magnetism/Knowing (P06_02)	
67 P06_10	PA23058	PICK HYPOTHESIS TO SUPPORT RESULTS (C)	1	A	113 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23058\$'1#2#3#4#9#8#6'	
				Flags: SCR: 67 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/Knowing (P06_01)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
68 P06_11	PA23115	EXPLAIN ORIGIN OF EMITTED ELECTRON (D)	1	A	114 /C 1.0
			2	B	
			3	C	
			4	D*	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23115\$'1#2#3#4#9#8#6'	
				Flags: SCR: 68 / CAR:F / CAT:M4 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/Applying (P03_01)	
69 P07_01	PA23110	STATEMENT OF MAGNITUDE OF FORCES (C)	1	A	115 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23110\$'1#2#3#4#9#8#6'	
				Flags: SCR: 69 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Mechanics/Applying (P09_08)	
70 P07_02	PA23014	FORCES ACTING ON STONE AFTER THROWN (1)	10	CORRECT RESPONSE	116- 117/C 2.0
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23014\$'10#70#71#79#99#98#96'	
				Flags: SCR: 70 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/Knowing (P01_09)	
71 P07_03	PA23025	DISTANCE 60KG SKATER MOVED (2)	20	CORR.RESPONSE	118- 119/C 2.0
			10	PART.CORRECT RESPONSE	
			11	PART.CORRECT RESPONSE	
			70	INCORR.RESPONSE	
			71	INCORR.RESPONSE	
			72	INCORR.RESPONSE	
			79	INCORR.RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23025\$'20#10#11#70#71#72#79#99#98#96'	
				Flags: SCR: 71 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Mechanics/Reasoning (P01_10)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
72 P07_04	PA23028	CYCLIST MOMENTUM CROSSING FINISH (B)	1	A	120 /C 1.0
			2	B*	
			3	C	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23028\$'1#2#3#4#9#8#6'	
				Flags: SCR: 72 / CAR:F / CAT:M2 / DEF: 7	
				COMMENT: Mechanics/Applying (P07_10)	
73 P07_05	PA23034	DRAW DIRECTION OF ELECTRIC FIELD (1)	10	CORRECT RESPONSE	121- 122/C 2.0
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23034\$'10#70#71#79#99#98#96'	
				Flags: SCR: 73 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Electricity and Magnetism/Applying (P07_05)	
74 P07_06	PA23044	DESCRIBE ELECTROMAGNETIC INDUCTION (1)	10	CORRECT RESPONSE	123- 124/C 2.0
			11	CORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23044\$'10#11#70#71#79#99#98#96'	
				Flags: SCR: 74 / CAR:F / CAT:SA / DEF: 97	
75 P07_07	PA23082	SPECIFIC HEAT CAPACITY OF SAND (1)	10	CORRECT RESPONSE	125- 126/C 2.0
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23082\$'10#70#79#99#98#96'	
				Flags: SCR: 75 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/Reasoning (P08_04)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
76 P07_08	PA23140	TEMP WHEN RADIATION VISIBLE AS LIGHT (C)	1	A	127 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23140\$'1#2#3#4#9#8#6'	
				Flags: SCR: 76 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Heat and Temperature/Knowing (P07_07)	
77 P07_09	PA23084	TOTAL PRESSURE OF COMBINED CONTAINER (2)	20	CORRECT RESPONSE	128- 129/C 2.0
			10	PARTIALLY CORRECT RESPONSE	
			11	PARTIALLY CORRECT RESPONSE	
			70	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23084\$'20#10#11#70#79#99#98#96'	
				Flags: SCR: 77 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Heat and Temperature/Reasoning (P07_06)	
78 P07_10	PA23059	HOW MANY NEUTRONS IN NUCLEUS OF ATOM (C)	1	A	130 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23059\$'1#2#3#4#9#8#6'	
				Flags: SCR: 78 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/Knowing (P07_01)	
79 P07_11	PA23138	DESCRIPTION OF ATOMIC NUCLEUS (C)	1	A	131 /C 1.0
			2	B	
			3	C*	
			4	D	
			9	omitted	
			8	not admin.	
			6	not reached	
				VLD: PA23138\$'1#2#3#4#9#8#6'	
				Flags: SCR: 79 / CAR:F / CAT:M3 / DEF: 7	
				COMMENT: Atomic and Nuclear Physics/Knowing (P07_02)	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
80 P07_12	PA23137	SYMBOL FOR ATOMIC NUCLEUS (1)	10	CORRECT RESPONSE	132- 133/C 2.0
			70	INCORRECT RESPONSE	
			71	INCORRECT RESPONSE	
			79	INCORRECT RESPONSE	
			99	omitted	
			98	not admin.	
			96	not reached	
				VLD: PA23137\$'10#70#71#79#99#98#96'	
				Flags: SCR: 80 / CAR:F / CAT:SA / DEF: 97	
				COMMENT: Atomic and Nuclear Physics/Knowing (P02_04)	
81 CUS-01	PUS01	CUS\USE CALCULATOR FOR ANSWERING	1	YES	134 /C 1.0
			2	NO	
			9	omitted	
			8	not admin.	
				VLD: CUS01\$'1#2#9#8'	
				Flags: SCR: 81 / CAR:F / CAT:BD / DEF: 7	
				COMMENT: Calculator Use Survey	
82 CUS-02	PUS02	CUS\TYPE OF CALCULATOR	1	SIMPLE	135 /C 1.0
			2	SCIENTIFIC	
			3	GRAPHING	
			4	SYMBOLIC	
			9	omitted	
			8	not admin.	
				VLD: CUS02\$'1#2#3#4#9#8'	
				Flags: SCR: 82 / CAR:F / CAT:BD / DEF: 7	
				COMMENT: Calculator Use Survey	
83 CUS-03	PUS03	CUS\FREQUENCY OF USING CALCULATOR	1	VERY LITTLE (FEWER THAN 5 TIMES)	136 /C 1.0
			2	SOMEWHAT (BETWEEN 5 AND 10 TIMES)	
			3	QUITE A LOT (MORE THAN 10 TIMES)	
			9	omitted	
			8	not admin.	
				VLD: CUS03\$'1#2#3#9#8'	
				Flags: SCR: 83 / CAR:F / CAT:BD / DEF: 7	
				COMMENT: Calculator Use Survey	
84 SEX	ITSEX	SEX OF STUDENT	1	GIRL	137 /C 1.0
			2	BOY	
			9	omitted	
			8	not admin.	
				VLD: ITSEX\$'1#2#9#8'	
				Flags: SCR: 84 / CAR:F / CAT:IT / DEF:	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
85 LANG	ITLANG	LANGUAGE OF TESTING	1	TEST LANGUAGE	138 /C 1.0
			2	COUNTRY SPECIFIC	
			3	COUNTRY SPECIFIC	
			4	COUNTRY SPECIFIC	
			5	COUNTRY SPECIFIC	
			6	COUNTRY SPECIFIC	
			9	omitted	
			8	not admin.	
				VLD: ITLANG\$'1#2#3#4#5#6#9#8'	
				Flags: SCR: 85 / CAR:T / CAT:IT / DEF:	
				COMMENT:	
86 SYSTEM	SSYSTEM	RECORD NUMBER STUDENT GENERAL FILE	VALUE	SSYSTEM PROC	139- 144/N 6.0
			999999	omitted	
			999998	not admin.	
				VLD: .T.	
				Flags: SCR: 86 / CAR:F / CAT:PROC / DEF:	
				COMMENT:	
87 RELIABLE	ILRELIAB	RELIABILITY CODING STATUS	0	STUDENTS BOOKLET NOT USED FOR R-SCORI	145 /C 1.0
			1	STUDENTS BOOKLET WAS USED FOR R-SCORING	
			9	omitted	
			8	not admin.	
				VLD: ILRELIAB\$'0#1#9#8'	
				Flags: SCR: 87 / CAR:F / CAT:IL / DEF:	
				COMMENT:	
88 ITPART	ITPART	FINAL PARTICIPATION STATUS	0	STD EXCL, DID NOT PARTICIPATE	146- 147/C 2.0
			1	STD LEFT SCHOOL	
			2	STD ABSENT	
			3	STD PARTICIPATED	
			4	PAR PERM DENIED	
			5	STD EXCL, BUT DATA AVAILABLE	
			6	STD REMOVED FROM SAMPLE	
			7	BOOKLET LOST	
			99	omitted	
			98	not admin.	
				VLD: ITPART\$'0#1#2#3#4#5#6#7#99#98'	
				Flags: SCR: 88 / CAR:F / CAT:IT / DEF:	
				COMMENT: derived variable, summarizing the information of ITPART1,2 and IDEXCLUD	

Var. No.	Question	Variable Name	Variable Label	Code	Option	Location/Format
89	POPULATION	IDPOP	POPULATION ID	1	TIMSS Pop 1	148 /C 1.0
				2	TIMSS Pop 2	
				3	TIMSS Pop 3	
				9	omitted	
				8	not admin.	
				VLD: IDPOP\$'1#2#3#9#8'		
				Flags: SCR: 89 / CAR:F / CAT:ID / DEF:		
				COMMENT:		
90	GRADE	IDGRADE	GRADE ID	10	GRADE 10	149- 150/C 2.0
				11	GRADE 11	
				12	GRADE 12	
				13	GRADE 13	
				14	GRADE 14	
				99	omitted	
				98	not admin.	
				VLD: IDGRADE\$'10#11#12#13#14#99#98'		
				Flags: SCR: 90 / CAR:T / CAT:ID / DEF:		
				COMMENT:		
91	GRADE	IDGRADER	STANDARDIZED GRADE ID	1	lower grade	151 /C 1.0
				2	upper grade	
				9	omitted	
				8	not admin.	
				VLD: IDGRADER\$'1#2#9#8'		
				Flags: SCR: 91 / CAR:F / CAT:ID / DEF:		
				COMMENT:		
92	IDSTRATE	IDSTRATE	EXPLICIT STRATUM CODE	VALUE	IDSTRATE ID	152- 154/N 3.0
				999	omitted	
				998	not admin.	
				VLD: .T.		
				Flags: SCR: 92 / CAR:F / CAT:STRA / DEF:		
				COMMENT:		
93	IDSTRATI	IDSTRATI	IMPLICIT STRATUM CODE	VALUE	IDSTRATI ID	155- 157/N 3.0
				999	omitted	
				998	not admin.	
				VLD: .T.		
				Flags: SCR: 93 / CAR:F / CAT:STRA / DEF:		
				COMMENT:		
94	WEIGHT	JKREP	JACKKNIFE REPLICATE CODE	VALUE	JKREP JCKF	158 /N 1.0
				9	omitted	
				8	not admin.	
				VLD: .T.		
				Flags: SCR: 94 / CAR:F / CAT:JCKF / DEF:		
				COMMENT:		

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
95 WEIGHT	JKZONE	JACKKNIFE ZONE	VALUE	JKZONE JCKF	159- 160/N 2.0
			99	omitted	
			98	not admin.	
				VLD: .T.	
				Flags: SCR: 95 / CAR:F / CAT:JCKF / DEF:	
				COMMENT:	
96 WEIGHT	HOUWGT	HOUSE WEIGHT	VALUE	HOUWGT SWGT	161- 173/N 13.6
			999999	omitted	
			999998	not admin.	
				VLD: .T.	
				Flags: SCR: 96 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
97 WEIGHT	SENWGT	SENATE WEIGHT	VALUE	SENWGT SWGT	174- 186/N 13.6
			999999	omitted	
			999998	not admin.	
				VLD: .T.	
				Flags: SCR: 97 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
98 WEIGHT	TOTWGT	TOTAL STUDENT WEIGHT	VALUE	TOTWGT SWGT	187- 199/N 13.6
			999999	omitted	
			999998	not admin.	
				VLD: .T.	
				Flags: SCR: 98 / CAR:F / CAT:SWGT / DEF:	
				COMMENT:	
99 SCORE	PSPNRSC	NATIONAL PHYSICS RASCH SCORE (150,10)	VALUE	PSPNRSC NSCR	200- 207/N 8.3
			9999	omitted	
			9998	not admin.	
				VLD: .T.	
				Flags: SCR: 99 / CAR:F / CAT:NSCR / DEF:	
				COMMENT:	
100 SCORE	PSPPHY01	PHYSICS PV1	VALUE	PSPPHY01 ISCR	208- 213/N 6.2
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 100 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
101 SCORE	PSPPHY02	PHYSICS PV2	VALUE	PSPPHY02 ISCR	214- 219/N 6.2
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 101 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
102 SCORE	PSPPHY03	PHYSICS PV3	VALUE	PSPPHY03 ISCR	220- 225/N 6.2
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 102 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
103 SCORE	PSPPHY04	PHYSICS PV4	VALUE	PSPPHY04 ISCR	226- 231/N 6.2
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 103 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
104 SCORE	PSPPHY05	PHYSICS PV5	VALUE	PSPPHY05 ISCR	232- 237/N 6.2
			999	omitted	
			998	not admin.	
				VLD: .T.	
				Flags: SCR: 104 / CAR:F / CAT:ISCR / DEF:	
				COMMENT:	
105 SCORE	PSPSCPT	RAW SCORE ON PHYSICS ITEMS	VALUE	PSPSCPT NSCR	238- 239/N 2.0
			99	omitted	
			98	not admin.	
				VLD: .T.	
				Flags: SCR: 105 / CAR:F / CAT:NSCR / DEF:	
				COMMENT:	
106 SCORE	PSPSTDR	STANDARDIZED PHYSICS RAW SCORE (50,10)	VALUE	PSPSTDR NSCR	240- 247/N 8.3
			9999	omitted	
			9998	not admin.	
				VLD: .T.	
				Flags: SCR: 106 / CAR:F / CAT:NSCR / DEF:	
				COMMENT:	
107 BENCHMARK	PSPIBM01	PHYSICS INTL BNCHMRK REACHED WITH 1ST PV	1	BELOW 475	248 /C 1.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM01\$'1#2#3#4#9#8'	
				Flags: SCR: 107 / CAR:F / CAT:D / DEF:	
				COMMENT:	

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format
108 BENCHMARK	PSPIBM02	PHYSICS INTL BNCHMRK REACHED WITH 2ND PV	1	BELOW 475	249 /C 1.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM02\$'1#2#3#4#9#8'	
				Flags: SCR: 108 / CAR:F / CAT:D	/ DEF:
			COMMENT:		
109 BENCHMARK	PSPIBM03	PHYSICS INTL BNCHMRK REACHED WITH 3RD PV	1	BELOW 475	250 /C 1.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM03\$'1#2#3#4#9#8'	
				Flags: SCR: 109 / CAR:F / CAT:D	/ DEF:
			COMMENT:		
110 BENCHMARK	PSPIBM04	PHYSICS INTL BNCHMRK REACHED WITH 4TH PV	1	BELOW 475	251 /C 1.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM04\$'1#2#3#4#9#8'	
				Flags: SCR: 110 / CAR:F / CAT:D	/ DEF:
			COMMENT:		
111 BENCHMARK	PSPIBM05	PHYSICS INTL BNCHMRK REACHED WITH 5TH PV	1	BELOW 475	252 /C 1.0
			2	AT OR ABOVE 475 BUT BELOW 550	
			3	AT OR ABOVE 550 BUT BELOW 625	
			4	AT OR ABOVE 625	
			9	omitted	
			8	not admin.	
				VLD: PSPIBM05\$'1#2#3#4#9#8'	
				Flags: SCR: 111 / CAR:F / CAT:D	/ DEF:
			COMMENT:		
112 D:AGE	PSDAGE	AGE OF STUDENT	VALUE	PSDAGE DERI	253- 257/N 5.2
			99	omitted	
			98	not admin.	
				VLD: (PSDAGE>=8.AND.PSDAGE<=30).OR.PSDAGE=99.OR.PSDAGE=98	
				Flags: SCR: 112 / CAR:F / CAT:DERI	/ DEF:
			COMMENT:		

Var. Question No.	Variable Name	Variable Label	Code	Option	Location/Format	
113	DATE	DPCDATE	FILE CREATION DATE AT DPC HAMBURG	VALUE	DPCDATE PROC	258- 265/N 8.0
			9999999	omitted		
			9999999	not admin.		
				VLD: .T.		
				Flags: SCR: 113 / CAR:F / CAT:PROC / DEF:		
				COMMENT:		