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AMAZING FALL VALUES

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GUARANTEED-POTENCY SUPPLEMENTS


VITAMIN A 25,000 Units		"RED" VITAMIN B12 25 MCG.	
100 for	\$.75	100 for	\$1.10
250 for	\$1.75	250 for	\$2.20
1,000 for	\$6.00	1,000 for	\$7.95
50,000 Units		50 MCG.	
100 for	\$1.45	100 for	\$2.00
250 for	\$3.35	250 for	\$4.20
1,000 for	\$11.50	1,000 for	\$15.75

VITAMIN C 100 MG.		VITAMIN B1 25 MG.	
250 for	\$1.00	250 for	\$1.05
1,000 for	\$3.25	1,000 for	\$3.80
250 MG.		50 MG.	
100 for	\$.85	100 for	\$.70
250 for	\$2.00	250 for	\$1.85
1,000 for	\$7.00	1,000 for	\$5.50
500 MG.		100 MG.	
100 for	\$1.40	100 for	\$1.10
250 for	\$3.25	250 for	\$2.50
1,000 for	\$11.50	1,000 for	\$8.50

NEW AMAZING REDUCTIONS ON VITAMIN E

50 Int'l Units		100 Int'l Units	
100 for	\$1.85	250 for	\$4.00
1,000 for	\$14.00		
100 Int'l Units		250 for	
100 for	\$2.50	250 for	\$5.75
1,000 for	\$20.00		

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SAVE MONEY NOW
on America's Greatest
HIGH-POTENCY VITAMIN-MINERAL FORMULA



100 FOR \$2.75

Try FRESHLY-PACKED Guaranteed-Potency OPTIMS, today, only \$2.75—not for the usual 30-day supply—but for a complete 100-DAY SUPPLY!—One a day gives you the massive potencies shown below!

OPTIMS SUPPLIES 42 NUTRITIVE FACTORS
in a single capsule

Each OPTIMS Capsule Contains:

21 VITAMINS	15 MINERALS	5 AMINO ACIDS
Vitamin A 15,000 Units	Iron 30 Mg.	di-Methionine 20 Mg.
Vitamin D 5,000 Units	Iodine 0.1 Mg.	Glutamic Acid 20 Mg.
Vitamin E 5 Int'l Units	Calcium 75 Mg.	L-Lysine 10 Mg.
Vitamin B-1 10 Mg.	Phosphorus 52 Mg.	Nucleic Acid 10 Mg.
Vitamin B-2 5 Mg.	Magnesium 5 Mg.	Betaine 5 Mg.
Niacinamide 40 Mg.	Copper 1 Mg.	
Vitamin C 100 Mg.	Potassium 1 Mg.	
Vitamin B-6 0.5 Mg.	Manganese 1 Mg.	
Folic Acid 0.25 Mg.		
Vitamin K 0.1 Mg.		
Vitamin B-12 5 MCG.		
Choline 35 Mg.		
Inositol 20 Mg.		
Rutin 10 Mg.		
Paba 10 Mg.		

Compare OPTIMS with any food supplement you have ever used and SEE HOW MUCH MONEY YOU SAVE!

100 Capsules, \$2.75 | 500 Capsules, \$11.75
250 Capsules, 6.25 | 1000 Capsules, 22.00

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PSYCHOLOGY

New Method Tried for Handling Delinquents

AS AN EXPERIMENT, a new way of handling serious juvenile delinquents is to be tried out in Provo, Utah.

When a boy gets into trouble with the law, it is a mistake to pack him off to a reformatory or other "correctional" institution, David Hunter of the Ford Foundation indicated.

Authorities are coming to recognize that such punishment does not cure delinquency, he said. In fact, some reformatories serve as training centers for penitentiaries.

In this new experiment, the youthful offenders will be kept at home and kept in school. But for two hours daily, five days a week, they will meet as a group in rehabilitation sessions. There an attempt will be made to change the delinquent's standards and his attitudes. In addition, he will be helped with athletics, vocational training and, where necessary, remedial school work. An effort will be made to help the boy overcome the pressures that fostered his trouble with the law in the first place.

As part of the research financed by the Ford Foundation, a follow-up comparison will be made of the behavior of boys who participated in the program and those who had instead traditional probation or correctional procedures.

Science News Letter, October 3, 1959

MEDICINE

Brain May Be Sensitive to Radiation

THE BRAIN, once thought to be resistant to radiation, now appears to be radiation sensitive, report Drs. Thomas J. Haley and H. Gangloff of the nuclear medicine department of the University of California Medical School, Los Angeles.

They exposed experimental animals to radiation at dose levels of 200 and 400 roentgens. The 400 r level can lead to a 50% death rate, but the 200 r level is not normally fatal and usually results only in some radiation sickness.

Electroencephalograph recordings and other observations were made immediately following radiation exposure. Marked spontaneous abnormal electrical activity was

Questions

ENGINEERING—How long could strontium-90 be used as a source of electrical power? p. 215.

PHYSIOLOGY—What chemical is stored in large amounts by pregnant women? p. 217.

SEISMOLOGY—What is the estimated size of the rock slide occurring in the Montana earthquake? p. 211.

Photographs: Cover, National Bureau of Standards; p. 211, Convair-General Dynamics Corporation; p. 213, Information Office, Belgian Congo and Ruanda-Urundi; p. 215, Indiana University; p. 218, A. Scholes, p. 224, The Herbert Mart.

noted in certain brain areas at both dose levels. Transitory inability to sleep occurred shortly after radiation exposure.

It had been thought previously that brain cells were among the most resistant type of cells to radiation effects. The UCLA observations are among the first in this country indicating such marked sensitivity of brain cells to radiation. Some Russian scientists had previously suggested it.

These results suggest that even relatively low level radiation belts, such as 200 r, may pose a problem to space crews and troops under tactical nuclear weapons fire. Spontaneous brain electrical discharges and insomnia resulting from radiation effects might make such persons temporarily incapable of performing their duties.

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