

# Questions

**GEOPHYSICS**—Why was the present 18-month period selected for IGY? p. 339.

□ □ □

**NUTRITION**—What change has been made in the diet prescribed for ulcer patients? p. 349.

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**PSYCHIATRY**—How has atropine been used to help the mentally ill? p. 340.

□ □ □

**TECHNOLOGY**—What new method has been developed for obtaining metals such as titanium and zirconium? p. 343.

□ □ □

Photographs: Cover, Ames Aeronautical Laboratory; p. 339, Corning Glass Works; p. 341, Westinghouse Research Laboratories; p. 343, Ryan Aeronautical Company; p. 346, Mt. Wilson and Palomar Observatories; p. 352, Hedwin Corp.

**TECHNOLOGY**

## Super-Radars Used on Navy's Missile Ships

► **THE NAVY** is using a long-secret class of super-radars known as the AN/SPQ-5 on missile ships such as the cruiser USS Canberra.

The radar antennas, which resemble large searchlights, can be used both to guide Terrier missiles launched by the ship and to detect attacking supersonic jet aircraft many miles beyond the horizon.

The extremely accurate radar systems were developed for the Navy by Sperry Gyroscopic Company, Great Neck, N. Y.

Science News Letter, June 1, 1957

**ARCHAEOLOGY**

## Indian Temple Walls Are Part of Deity Image

► **THE WALLS** of an ancient temple in India are much more than an enclosure for the image the temple represents. They are themselves a part of that image.

This explanation of architecture in ancient India was presented to the American Philological Society by Dr. Stella Kramrisch, visiting research professor of Oriental Studies at the University of Pennsylvania.

The edifice of the temple is, itself, an image of the Purusa, deity in manifestation.

The sculptures in the temple are a part of the wall. They are carved as if emerging from the wall in various stages of acquiring form. Thus, they exemplify the philosophical term "Vyaktavyakta" which means "form in its becoming."

Indian wall painting is unlike Western painting into which the viewer is led away from himself and into distances. Instead, the paintings on the wall create the illusion of a space which comes out and opens up from within the density of the wall, toward the viewer.

Science News Letter, June 1, 1957

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