

Certificate of Education (Ordinary Level) in the use of English, two languages other than English, mathematics or a science subject, and one other subject; in addition, two passes at Advanced Level in approved subjects will be necessary. Thus, the classical languages, and in particular Latin, are no longer compulsory subjects.

### The Night Sky in June

FULL moon occurs on June 9d. 13h. 02m. U.T., and new moon on June 24d. 03h. 27m. The following conjunctions with the Moon take place: June 10d. 07h., Jupiter  $5^{\circ}$  S.; June 11d. 10h., Saturn  $4^{\circ}$  S.; June 18d. 19h., Mars.  $2^{\circ}$  N.; June 22d. 04h., Aldebaran  $0.5^{\circ}$  S. In addition to these conjunctions with the Moon, Mercury is in conjunction with Pollux on June 20d. 05h., Mercury being  $6^{\circ}$  S. Mercury is an evening star, visible low in the west after sunset; it sets between one and two hours after the Sun. Venus is too close to the Sun for observation. Mars rises at 1h. 50m., 1h. 15m. and 0h. 35m. at the beginning, middle and end of the month, respectively; it is in Pisces on June 1 and moves into Aries on June 20. Its stellar magnitude is +1.0 and its distance from the Earth on June 15 is 151 million miles. Jupiter rises at 21h. 30m., 20h. 30m. and 19h. 30m. on June 1, 15 and 30, respectively, and sets at 3h. 10m. on June 30; it is thus above the horizon throughout the hours of darkness. It is in Sagittarius, its stellar magnitude is -2.2, its distance from the Earth in the middle of the month is 400 million miles, and it is in opposition on June 20. Saturn is also in Sagittarius, rising at 22h. 35m., 21h. 35m. and 20h. 35m. on June 1, 15 and 30, respectively. Its stellar magnitude is +0.4 and its distance from the Earth on June 15 is 845 million miles. There are no occultations of stars brighter than magnitude 6 visible at Greenwich. The summer solstice occurs on June 21d. 10h.

### Announcements

PROF. D. G. CHRISTOPHERSON, professor of applied science in the Imperial College of Science and Technology, London, has been appointed warden of the Durham Colleges in succession to Sir James Duff, who is retiring.

DR. MILO P. HNILICKA has been appointed to the new post of scientific assistant to the vice-president and director of research for the National Research Corporation of the United States. Dr. Hnilicka will act as scientific advisor to the director of research and as a consultant on a number of projects now under way. His assignments will include technical liaison on new projects between the National Research Corporation and other laboratories in the United States.

A DINNER in honour of Mr. F. Howarth, on the occasion of his retirement from the Botany Department, Imperial College of Science and Technology, will be held on July 15 at the College. Old students who wish to attend this dinner, and who have not already been invited, should write as soon as possible to Dr. A. J. Rutter or Dr. R. K. S. Wood, Imperial College, London, S.W.7.

THE University of Maryland is to receive a grant of 216,000 dollars from the U.S. National Aeronautics and Space Administration to accelerate its programme of basic research dealing with the growth and metabolism of unicellular algae. Since 1949 personnel in

the University's Department of Botany under the direction of Dr. Robert W. Krauss, professor of plant physiology, have been engaged in fundamental studies on the physiology of algae.

THE sixteenth International Congress of Zoology will be held in Washington, D.C., during August 21-27, 1963, under the presidency of Dr. Alfred S. Romer, Alexander Agassiz professor of zoology and director of the Museum of Comparative Zoology, Harvard University.

AN international conference on "Science in the Advancement of New States" is to be held in Israel during August 15-30 under the auspices of the Weizmann Institute of Science. Further information can be obtained from the Scientific Attaché, Embassy of Israel, 2 Palace Green, London, W.8.

A CONFERENCE on "The Chemical Organization of Cells: Normal and Abnormal" will be held at the University of Wisconsin, Madison, during August 25-27. Further information can be obtained from Dr. J. F. A. McManus, Department of Pathology, University of Alabama Medical Center, Birmingham, Alabama.

THE seventh international conference of the Society for Biological Rhythm will be held at Siena, Italy, during September 5-7 in conjunction with the International Basimetric Society. Further information can be obtained from Dr. A. Sollberger, Department of Anatomy, Caroline Institute, Stockholm 60.

THE tenth Pacific Science Congress of the Pacific Science Association will be held in the University of Hawaii, Honolulu, during August 21-September 6, 1961. It will be sponsored by the U.S. National Academy of Sciences and Bernice P. Bishop Museum, Honolulu, with the co-operation of the University of Hawaii. Scientific sessions will be held during August 21-September 2, with a post-session field-trip until September 6.

THE fifteenth Calorimetry Conference will be held at Gatlinburg, Tennessee, during September 7-10. Among the topics to be considered are: precision reaction and bomb calorimetry, solution calorimetry, microcalorimetry, heat-capacity measurements at low and high temperatures ( $0.1-1,400^{\circ}$  K.); temperature scales and standard calorimetric samples, etc. Those wishing to attend or to present a paper should write to Dr. J. P. McCullough, Bureau of Mines, Box 1321, Bartlesville, Oklahoma.

THE Royal Meteorological Society is organizing a two-day meeting to be held at Queen's College, Dundee, during June 29-July 1. The meeting will take the form of two symposia, namely: "Convection" (June 30); and "Agricultural Meteorology" (July 1). Contributors to the symposium on convection include F. H. Ludlam (Imperial College of Science and Technology), C. Dixon (Queen's College, Dundee), F. W. G. Warren (University of Sheffield) and R. P. Peace (Queen's College, Dundee). Contributors to the symposium on agricultural meteorology include H. L. Penman and J. L. Montieth (Rothamsted Experimental Station) and G. J. Day and R. W. Gloyne (Meteorological Office).

ERRATUM. In the article entitled "A Synoptic Study of Infra-Red Radiation over the United States" by Dr. J. L. Gergen and Dr. W. F. Huch (*Nature*, May 7, p. 426), the units are printed incorrectly as "MW."; they should be "mW."