THE PET DETECTIVE

Tina, Pinku and Rohan, each owns a pet. Their pets got lost in different places. You can be a pet detective and help them to find their pets. From the following clues, try to figure out who is the owner of each pet, and where the pet got lost.

Clues:
1. A parrot and a rabbit are two of the lost pets.
2. The pet lost in the woods is owned by Rohan.
3. Tina does not own a rabbit.
4. Pinku’s pet was lost in the park.
5. The dog was not lost in the park or in the garden.

ANSWER:

Owners     | Rohan | Pinku | Tina
---|-------|-------|-------
Pets      |       |       |       
Places    |       |       |       

There are three prizes of Rs 500/- each for three correct entries. In case of a large number of correct entries, the prize winners will be selected through a draw of lots. The decision of the Editor, Science Reporter will be final.

Send your entries to:
Puzzle Corner
Editor, Science Reporter
CSIR-NISCAIR
Dr KS Krishnan Marg,
Pusa Campus
New Delhi-110012

Last date for the entries to reach us:
05-04-2018

◆ Please fill up the questionnaire at the back
◆ You can send your answers on a photocopy of this page as well.
Solutions to the puzzles published in the January 2018 issue:

PRIZE PUZZLE:
Prime Mystery
Answer: One of the prime numbers must be 2 because total bill amount is 100 which cannot be equal to sum of three odd prime numbers. The sum of the two remaining prime numbers is 98, which is possible only in three cases: (37, 61); (31, 67) and (19, 79).

So, the bill amounts when the difference is maximum — 2, 19, 79, and the bill amounts when the difference is minimum — 2, 37, 61.

MOONS PUZZLE

Fill in the Blanks
1. Telescope
2. Switzerland
3. Lepidoptera
4. Jura mountain range
5. Walther Bauersfeld
6. 1907

The prize winners on the basis of draw of lots from among the correct entries are:
- Baibhab Kalita,
  C/o Bhaskar Kalita, Rangia Tiniali,
  Ward No. 9, P.O.- Rangia, District-Kamrup, Assam-781354

- N. Vittal,
  Flat No. 52, Guru Dwaraka Apts,
  Plot No. 40A, Ramaswamy Street,
  Hasthinapuram, Chromepet,
  Chennai-600044

- Amlan Jyoti Dey,
  S. Shantinagar, Kuti Mill Road,
  P.O.-Dabgram II, District-
  Jalpaiguri, Siliguri, West
  Bengal-734004

Congratulations all the winners!

INSTRUMENTATION PUZZLE

Fill in the grid with correct instruments with the clues given below.

Across:
1. Used to measure the angle of cosmic bodies from the horizon.
2. Instrument used in submarines to view objects that are not in direct line of sight.
3. Instrument used to measure the intensity of Earthquakes.
4. Instrument to view very small objects which are so tiny.
5. Instrument to measure the altitude of an object above a fixed level.
6. Instrument used to see heavenly bodies like stars, etc.

Down:
1. Instrument used to measure the wavelength and frequency of light waves.
2. Instrument used to measure both horizontal and vertical angles.
3. Instrument used by mariners to locate the directions.
4. Instrument used to measure wind speed.

Contributed by A. Sesha Sai Kashyap, Plot # 47, H # 2-1-291/A, Mamathanagar, Nagole, Hyderabad – 500068

NUMBER MAZE

Fill the grid with the numbers with 1 to 49 such that the numbers when added vertically, horizontally and diagonally give the same sum -- 175. No number shall be repeated.

Contributed by A.S.R. Murthy (B. Tech.), Senior Engineering Asst., Doordarshan T.V. Tower, Malakpet, Hyderabad-500036