**SAME SUM**

In the square given below, you have to fill in numbers from 1 to 25 without repeating any number in such a way that the sum of numbers in each row, column and diagonal is same (65). For your help some of the numbers are already filled in.

Contribution by Raashid Jamal, Bara Nana Sahab, Bazaria, Dholpur (Rajasthan) – 328001

```
 11  18  9
  
 19  21
  
 4   6  22
  
 5   14 16
  
17    1  8
```
WORD SEARCH — HUMAN BONES

Find the names of 25 human bones from the grid given below in any possible direction — horizontally, vertically, diagonally or even backward.

Contributed by Saroj Kumar Pujhari, Jr. Lect. in Zoology, Govt. Jr. College, Sundargarh, At/Po/Dist – Sundargarh, Odisha–770002; Email: sarojoes1232@gmail.com

ONE WORD SUBSTITUTION

1. Study of fingerprints for the purpose of identification ______________________
2. Science of dealing with the production control and the effects of very low temperatures ______________________
3. Science of the nature, origin and history of the universe ______________________
4. Science that deals with the origin, physical and cultural development of mankind ______________________
5. Chemistry in ancient times ______________________
6. Study or collection of coins ______________________
7. The therapeutic use of sunlight ______________________
8. Disinfect or purify with the fumes of certain chemicals ______________________

Contributed by Sonam Choudhary, Research Intern, Science Reporter, CSIR-NISCAIR, New Delhi

Solutions to the puzzles published in the August 2017 issue

PRIZE PUZZLE: RAHUL’S BIRDHOUSE

The birdhouse will be at the same height since trees grow at their tops.

MATCH ‘N’ LATCH

LOGO MANIA

1. Digital India
2. Discovery Channel
3. Petroleum Conservation Research Association (PCRA)
4. International Yoga Day
5. Bharat Interface for Money (BHIM) App
6. United Nations Environment Programme (UNEP)

The prize winners on the basis of draw of lots from among the correct entries are:

- Arnav Rajesh,
  Venu Bhavan (D-12), Akshara Nagar, Perunna PO (East), Changanacherry, Kottayam, Kerala-686102
- Adyasha Pattanaik,
  C/o Annada Prasad Pattanaik, Gahhadia Colony, Post Buxi Bazar, Cuttack, Odisha-753001
- Simranjeet Singh,
  Vill. Pandher, Tibri Road, Gurdaspur, Punjab-143501

Congratulations all the winners!