There are two sets of clues: a set of cryptic clues and a set of quick clues. The solution to both sets of clues is the same. Note that two clues make references to the February 2022 issue of *Resonance*.

**CRYPTIC CLUES**

**Across**

1. Drunken march into nuclear complex (9)
6. Carol splattered on the reef (5)
9. Remind Herb: Anna is a muddled mathematician (8, 7)
10. Teeth can back away from cognacs (4)
11. Fire resister as premier? So backward! (8)
14. Sight Omar around the bars (9)
15. Gymnast found in China diaspora (5)
16. Awkwardly adorn noble element (5)
18. Move from Hindi to English? (9)
20. Heard sis confused mathematician (8)
21. Lycra bodysuit stretches around crustacean (4)
25. Fantastic song is root of negativity? (9, 6)
26. Later tailored to fit better? (5)
27. Doting Ned turned on Chandrasekhar’s foe (9)

**Down**

1. Little bear I see gets the third degree. (5)
2. Scarce petrol found at edge of Mendeleev’s table (4, 3)
3. Even smooches measure hardness (4)
4. Rant about the lake (4)
5. Vishnu appears as mathematician (10)
6. CERN vessel collision yields brilliance (10)
7. Played Hamlet again when provoked? (7)
8. Scene painted sideways (9)
12. Logger smashes phone in jar (4, 6)
13. Holey water? Break up real racket! (6, 4)
14. Shh, Mario! I dance around Little Boy’s target! (9)
17. Criticise brown Ford from afar (7)
19. Wrecked taco bar yields tumbler (7)
22. Refuse to steal back element (5)
23. D-day dance for two (4)
24. Set fire to second rate vase (4)
QUICK CLUES

Across

1. Easily stainable part of a cell nucleus (9)
6. Reef maker (5)
9. German mathematician, known for eponymous hypothesis and non-Euclidean geometry (8, 7)
10. Teeth on a wheel (4)
11. Heat-resistant fibrous mineral (8)
14. Type of statistical bar chart (9)
15. Psychologist Chaudhri, physicist Binggeli or gymnast Comaneci (5)
16. Radioactive 2 dn (5)
18. Shift sideways (9)
20. Well-known Indian mathematician (featured in Feb 2022 issue of Resonance) (8)
21. Crustacean that moves sideways (4)
25. Square root of a negative number (9,6)
26. Metamorphose (5)
27. Astronomer Sir Arthur (1882–1944) (9)

Down

1. Equation like $ax^3 + bx^2 + cx + d = 0$
2. Member of Group VIII or Group 18 of the Periodic Table (4, 3)
3. Scale to measure hardness of minerals (4)
4. Lake formed by glacier (4)
5. Well-known Indian mathematician (featured in Feb 2022 issue of Resonance) (10)
6. Intelligence (10)
7. Underwent a chemical change (7)
8. Orientation mode (9)
12. Log maker (4, 6)
13. Body of water inside volcanic cone (6, 4)
14. Where atom bomb was first dropped (9)
17. Far away (7)
19. Popular pdf reader (7)
22. Carbon’s predecessor (5)
23. Pair (4)
24. Combust (4)

NOTE: Answers will be published in the next issue.