

# VISUALISING SOLID ① SHAPES

Class: VII, Mathematics

## SOLUTIONS

(F)

### TEACHING TASK

|     |                                  |           |
|-----|----------------------------------|-----------|
| 01. | Conceptual                       | Ans: B    |
| 02. | Conceptual                       | Ans: B    |
| 03. | Conceptual                       | Ans: C    |
| 04. | Conceptual                       | Ans: C    |
| 05. | Conceptual                       | Ans: A    |
| 06. | Conceptual                       | Ans: C    |
| 07. | Conceptual                       | Ans: B    |
| 08. | Conceptual                       | Ans: D    |
| 09. | Conceptual                       | Ans: B    |
| 10. | Conceptual                       | Ans: D    |
| 11. | Conceptual                       | Ans: A, B |
| 12. | Conceptual                       | Ans: A, B |
| 13. | Conceptual                       | Ans: A, D |
| 14. | Conceptual                       | Ans: A    |
| 15. | Assertion: False<br>Reason: True | Ans: B    |

16.  $1 \rightarrow C, 2 \rightarrow D, 3 \rightarrow A, 4 \rightarrow B$

(2)

17. Conceptual

Ans: C

18. Conceptual  $9 + 12 = 21$

Ans: D

19.  $8 + 8 + 6 \neq 20$

Ans: 20

20.  $12 + 2 + 0 = 14$

Ans: 14

### LEARNER'S TASK

01. Conceptual

Ans: B

02. Conceptual

Ans: C

03. Conceptual

Ans: A

04. Conceptual

Ans: C

05. Conceptual

Ans: C

06. Conceptual

Ans: A

07. Conceptual

Ans: C

08. Conceptual

Ans: B

09. Conceptual

Ans: C

10. Conceptual

Ans: A, C

11. Conceptual:

Ans: A, B, C

12. Conceptual:

Ans: B, D, C

13. Conceptual:

Ans: A

14. Conceptual:

Ans: A

15.  $1 \rightarrow B, 2 \rightarrow A, 3 \rightarrow D, 4 \rightarrow C$  (3)

16. Conceptual Ans: C

17. Conceptual Ans: B

18.  $8 + 8 = 16$  Ans: 16

19. Rectangular prism = 12 (edges)  
Triangular prism = 9 (edges) Ans: 3

$\Rightarrow$  THE END  $\Leftarrow$