

8. UNDERSTANDING

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ELEMENTARY SHAPES

Class: VI . MATHEMATICS

INTEGRATED. SOLUTIONS

TEACHING TASK JEE MAINS LEVEL

01. Conceptual

Ans. ~~B~~ B

02. Conceptual

Ans. B

03. Conceptual

Ans. A

04. $180^\circ = 2 \times 90^\circ$

Ans: B

05. $180^\circ = 2 \times 90^\circ$ 9 ~~7~~ 3

Ans: B

06. conceptual

Ans. B

07. Conceptual

Ans: C

08. Conceptual

Ans. D

09. Conceptual

Ans. B

10. Conceptual

Ans. B

JEE ADVANCED

11. Conceptual

Ans A, C

12 Full turn = $360^\circ = 2 \times 180^\circ = 4 \times 90^\circ$

Ans: (2)
A, B, C

13 Assertion: Conceptual (True)

Reason: Conceptual (True)

Ans: A

14 Assertion: Conceptual (True)

Reason: Conceptual (True)

Ans: A

15 $7.7 \text{ cm} = 7.7 \times 10 \text{ mm}$

$= 7.7 \times \text{10 mm}$

$= 77 \text{ mm}$

Ans: 77

16 90

Ans: 90

17 180

Ans: B

18 360°

Ans: C

19 a) Square (q)

b) Rectangle (P)

c) Parallelogram (r)

d) Rhombus (s)

Ans: q, P, r, s

20 a) Full revolution (r)

b) Turning through an angle (q)

c) Example of revolution (P)

d) One right angle (s)

Ans: r, q, P, s

LEARNERS TASK (C UWS) (3)

01.	Conceptual	Ans: C
02	Conceptual	Ans: D
03	10 parts	Ans: C
04	Conceptual	Ans: B
05	Conceptual	Ans: B
06	Conceptual	Ans: B
07	Conceptual	Ans: B
08	90°	Ans: B
09	Conceptual	Ans: A
10	6	Ans: C

IEEE MAINS LEVEL

01.	360°	Ans: D
02	East	Ans: D
03	Conceptual	Ans: D
04	Conceptual	Ans: B
05	Conceptual	Ans: C
06	Conceptual	Ans: C

07	Conceptual	Ans: A ⁽⁴⁾
08	Cuboid	Ans: —
09	Conceptual	Ans: D
10	Conceptual	Ans: C
JEE ADVANCED LEVEL		
11	Conceptual	Ans: B, C, D
12	Conceptual	Ans: A, B, C
13	<u>Assertion</u> : Conceptual (False) <u>Reason</u> : Conceptual (True)	Ans: D
14	<u>Assertion</u> : Conceptual (True) <u>Reason</u> : Conceptual (True)	Ans: A
15	Conceptual	Ans: B
16	Conceptual	Ans: B
17	$360^\circ = 4 \times 90^\circ$	Ans: C
18	Conceptual	Ans: A

19	a) Conceptual (P) P b) Conceptual (P, r) c) Conceptual (P, r) d) Conceptual (P, r) Ans: (P, r), (P, r), <u>(P, r), (P, r)</u>	20) a) 3 Sides (q) b) 4 Sides (r) c) 5 Sides (P) d) 6 Sides (t) e) 8 Sides (s) Ans: q, r, A, t, S	THE END
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