

5. ORDERING OF DECIMALS ^①

Class: VII, MATHEMATICS

INTEGRATED⁺, SOLUTIONS

TEACHING TASK
JEE MAINS LEVEL

01. 0.108

Ans: A

02. 0.001

Ans: C

03 0.1248

Ans: A

04. Pears = 15.1 kg

Ans: D

05. B) $1.57 > 0.73 > 0.53 > 0.503 > 0.357$

Ans: B

06. D) $3.416 < 10.395 < 11.895 < 13.14 < 13.41$

Ans: D

07. D) $20.74 > 20.70 > 20.68 > 18.3 > 18.1$

Ans: D

08. $95.6 > 90.66 > 89.09$

Ans: A

Rekha > Kiron > Pooja

09. $14.05 < 14.16$

Ans: A

10. $17.5 > 17.05 > 16.5 > 15.75$

beela > Anushka > Reena > Geeta

Ans: B

JEE ADVANCED LEVEL ②

11	A) $0.1248 < 0.8421$ ✓ C) $0.4218 > 0.2548$ ✓	Ans. A, C
12	<u>Statement I</u> : $0.108 < 7.425$ (True) <u>Statement II</u> : Conceptual (True)	Ans. A
13	$21.5 > 17.2$ Kiran > Hasi	Ans. B
14	$5 \times 1.8 \text{ lit} = 9 \text{ lit}$	Ans. 9
15	A) Descending order (v) B) Ascending order (p) C) > (r) D) < (s)	Ans. v, p, r, s

LEARNERS TASK (CUE'S)

01	Conceptual	Ans. A
02	$2.1 < 4.8 < 5.2 < 6.9 < 8.5$	Ans. C
03	$4.07\textbf{6}4 \rightarrow 6$ is in thousandths	Ans. D
04	$0.756 > 0.065$	Ans. A
05	2.06	Ans. B

JEE MAINS LEVEL

(3)

01	$190.7 > 107.9 > 19.07 > 17.9 > 1.97$	Ans. C
02	$4.215 < 12.415 < 22.021 < 24.51$	Ans: A
03	$4.926 < 18.234 < 18.324 < 18.428 < 18.528$	Ans. C
04.	$3.125 < 3.150 < 3.234$	Ans: B
05	$1.1 > 0.01 > 0.91 > 0.7 > \underline{0.5} > 0.05$ fifth place = 0.5	Ans. C
06	5 $\frac{5}{10}$	Ans B
07	$14.8 < 14.78 < 25.5 < 32.32 < 46.1$	Ans: A
08	$47.31 > 39.73$	Ans. A
09	$6.153 < 6.20 < \underline{6.26} < 6.30.$	Ans: C
10	$A) 9.32 < 21.18 < 23.6 < 23.9$	Ans A



JEE ADVANCED LEVEL

(4)

11. $98 \text{ cm} = 98 \times 1 \text{ cm}$
 $= 98 \times \frac{1}{100} \text{ m}$
 $= 0.98 \text{ m}$

$98 \text{ cm} = 98 \times 1 \text{ cm}$
 $= 98 \times \frac{1}{1000} \text{ km}$
 $= 0.098 \text{ km}$

Ans: B, C

12 Statement I:

$6.11 < 9.30 < 9.32 < 9.33$ (True)

Statement II: Conceptual (True) Ans: A

13 4.51 m

Ans: C

14 4.08 m

Ans: B

15 $\underline{1.332} < 1.426 < 2.315 < 6.451$

Ans: 1

16 A) Descending order (q)

B) Ascending order (r)

c) $<$ (p)

d) $>$ (s)

Ans: q, r, p, s

$\Rightarrow$ THE END $\in$