

ORDERING OF DECIMALS

Class: VI, Mathematics

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SOLUTIONS

01.	0.108	
02	0.001	Ans: A
03	0.1248	Ans: C
04.	pearl 15.1 kg	Ans: A
05	1.57, 0.73, 0.53, 0.503, 0.357	Ans: D
06	3.416, 10.395, 11.895, 13.14, 13.41	Ans: B
07	Descending order $\rightarrow$ Highest to Lowest 20.74, 20.70, 20.68, 18.3, 18.1	Ans: D
08	Greatest to least Rekha(95.6 kg), Kiran(90.66 kg), priya(89.09 kg)	Ans: A
09	Divid's time $<$ 14.16 seconds $\therefore 14.05 < 14.16$	Ans: A
10	Anushka scored higher than Reena since $17.05 \text{ points} > 16.5 \text{ points}$	Ans: B
11.	option A: $0.1248 < 0.8421$ option C: $0.4218 > 0.2548$	Ans: A, C

12 Statement I: $0.108 < 7.423$ (True)

(2)

Statement II: Conceptual (True)

Ans: A

13 Kiran's (21.5 mt)

Since $21.5 \text{ mt} > 17.2 \text{ mt}$

Ans: B

14 $5 \times 1.81 = 9 \text{ lit}$

Ans: 9

15 a) $1.2 > 0.85 > 0.42 > 0.402 > 0.375$

de ~~sc~~ending order

b) $0.375 < 0.402 < 0.42 < 0.85 < 1.2$

As ~~sc~~ending order

c) $0.32478 \boxed{>} 0.32476$

d) $5.4731 \boxed{<} 5.5347$

Ans: Q, P, R, S

LEARNER'S TASK

CUB'S

01 We add zeroes to the right of the decimal number.

Ans: A

02 least to greatest

$2.1 < 4.8 < 5.2 < 6.9 < 8.5$

Ans: C

03 4.0764

6 place value = thousandths

Ans: D

04 $0.756 \boxed{>} 0.065$

Ans: A

05 2.06 is the greatest

Ans: B

JEE MAINS LEVEL

01. highest to lowest

~~$190.7 > 107.9 > 19.07 > 17.90$~~

JEE MAINS LEVEL QUESTIONS (3)

01. $190.7 > 107.9 > 17.9 > 17.07 > 1.97$

Ans: C

02. $4.215 < 12.415 < 19.4 < 22.021 < 24.51$

03. $4.926 < 18.234 < 18.324 < 18.428 < 18.528$

Ans: A

Ans: C

04. $3.125 < \underline{\underline{3.150}} < 3.234$

Ans: B

05. $1.01 > 1.1 > 0.91 > 0.7 > \underline{\underline{0.5}} > 0.05$

fifth one is 0.5

Ans: C

06. $0.563 = 0.5 + 0.06 + 0.003$
 $= \frac{5}{10} + \frac{6}{100} + \frac{3}{1000}$

$\therefore$ place value of 5 = $\frac{5}{10}$

Ans: B

07. Increasing order

~~17.78~~ $\rightarrow$

$14.78 < 14.8 < 25.5 < 32.32 < 46.1$

Ans: A

08. $47.31 > 39.73$

Ans: A

09. ascending order

$6.153 < 6.2 < \underline{\underline{6.26}} < 6.30$

3rd one = 6.26

Ans: C

10. Ascending order

$19.32 < 21.18 < 23.6 < 23.9$

Ans: A

11. $98 \text{ cm} = \frac{98}{100} \text{ m} = 0.98 \text{ m}$
 $= \frac{98}{1000} \text{ km} = 0.098 \text{ km}$

Ans: B

12. statement I: Ascending order (4)

~~9.32~~ $6.11 < 9.3 < 9.32 < 9.33$ (True)

Statement II: True

Ans: A

13 $4.51 > 4.31 > 4.1 > 4.093 > 4.08$

Longest Jump = 4.51 mt

Ans: C

14. Shortest Jump = 4.08 mt

Ans: B

15. Ascending order

$1.332 < 1.426 < 2.315 < 6.451$

Order of 1.332 is 1.

16 a) $6.6 > 6.06 > 6.0 > 0.66$

Descending order

b) $6.05 < 6.1261 < 6.2 < 6.28$

Ascending order

c) $7.268 < 7.291$

d) $132.909 > 132.190$

Ans: Q, R, P, S

$\Rightarrow$ THE END $\Leftarrow$