Practice Paper - 1
A peek beyond the point

Duration: 1 $^1/_2$ hours   **Max Marks: 40**

SECTION – A (1 × 10 = 10 Marks)

1. The decimal 4.07 represents:

(a) 4 ones and 7 tenths   (b) 4 ones and 7 hundredths

(c) 4 tens and 7 hundredths   (d) 47 hundredths

2. Which pair represents the same number?

(a) 2.50 and 2.5   (b) 3.04 and 3.4

(c) 0.08 and 0.8   (d) 5.06 and 5.6

3. Convert 350 cm into metres:

(a) 3.5 m   (b) 35 m   (c) 0.35 m   (d) 3500 m

4. Arrange in increasing order:

0.65, 0.605, 0.56, 0.506

(a) 0.506 < 0.56 < 0.605 < 0.65   (b) 0.56 < 0.506 < 0.605 < 0.65

(c) 0.506 < 0.605 < 0.56 < 0.65   (d) 0.65 < 0.605 < 0.56 < 0.506

5. Overs left in a match: 2.3 overs. How many balls are left?

(a) 15 balls   (b) 18 balls   (c) 21 balls   (d) 13 balls

6. Which number is closest to 7? 6.89, 7.02, 7.2, 6.95

(a) 6.89   (b) 7.02   (c) 6.95   (d) 7.2

7. Total weight: 0.75 kg + 0.125 kg + 0.05 kg =

(a) 0.875 kg   (b) 0.925 kg   (c) 0.95 kg   (d) 1 kg

8. Which is incorrect?

(a) 1 mm = 0.0001 m   (b) 1 cm = 0.1 m   (c) 1 g = 0.01 kg   (d) 1 mm = 0.1 cm

Assertion–Reason

9. Assertion (A): 0.3, 0.30 and 0.300 represent the same quantity.

   Reason (R): Zeros to the right of a decimal do not change the value.

10. Assertion (A): 125 paise = ₹1.25

    Reason (R): 1 rupee = 100 paise

SECTION – B (2 × 4 = 8)

11. Convert 3.75 m into centimetres.

12. A book weighs 0.845 kg. Find the weight of 5 such books.

13. Find the difference: 18.405 – 9.87

14. Arrange in descending order: 5.405, 5.045, 5.54, 5.450

SECTION – C (3 × 3 = 9)

15. A farmer sold 2.75 kg apples on Monday, 3.6 kg on Tuesday and 4.85 kg on Wednesday.

(a) Total apples sold

(b) How much more on Wednesday than Monday?

16. Write in decimal form:

(a) 48 hundredths

(b) 7 ones, 9 tenths and 5 hundredths

(c) 15 tens and 4 tenths

17. A tank contains 350.75 L water. 125.5 L is added.

(a) Total water

(b) If 200.25 L is removed, find remaining water

(c) Convert remaining water into kilolitres

SECTION – D (5 marks)

18. A shopkeeper bought two rice bags:
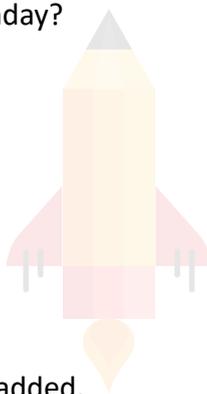
Bag 1: 25.75 kg

Bag 2: 18.625 kg

(a) Find total weight
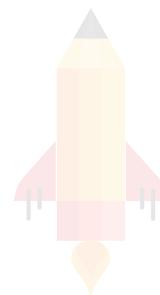
(b) If 30.5 kg is sold, find remaining weight

(c) Convert remaining weight into grams

(d) If 2.5 kg is packed per packet, how many packets can be made?

(e) How much rice remains unpacked?

SECTION – E (4 × 2 = 8)

19. A school recorded heights of three students:

Rahul = 1.45 m

Aman = 1.38 m

Riya = 1.52 m

(a) Total height (in metres)

(b) Who is tallest and by how much?

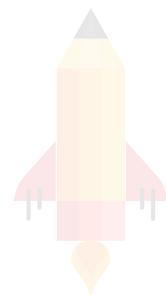(c) Find average height

(d) Convert average height into cm

20. A carpenter cuts wooden pieces:

1.75 m, 2.25 m and 0.85 m

(a) Total wood used

(b) If original plank was 6 m, find unused wood

(c) Convert unused wood into cm

(d) If one table needs 1.2 m wood, how many tables can be made from unused wood?

Answers

SECTION – A

1. (b) 4 ones and 7 hundredths

2. (a) 2.50 = 2.5

3. (a) 350 ÷ 100 = 3.5 m

4. (a) Compare hundredths carefully

5. (a) 2 overs = 12 balls + 3 balls = 15 balls

6. (b) 7.02 is only 0.02 away

7. (b) 0.75 + 0.125 + 0.05 = 0.925

8. (d) 1 mm = 0.1 cm

9. (a) Both true and correct explanation

10. (a) Both true and correct explanation

Section B

11. 3.75 m = 3.75 × 100 = 375 cm

12. 0.845 × 5 = 4.225 kg

13. 18.405 − 9.870 = 8.535

14. 5.54 > 5.450 > 5.405 > 5.045

Section C

15.

Total = 2.75 + 3.6 + 4.85

= 11.20 kg

Difference = 4.85 − 2.75

= 2.10 kg

16.

(a) 0.48

(b) 7.95

(c) 150.4

17.

(a) 350.75 + 125.5 = 476.25 L

(b) 476.25 − 200.25 = 276 L

(c) 276 ÷ 1000 = 0.276 kL

Section D

18.

Total = 25.75 + 18.625

= 44.375 kg

Remaining = 44.375 − 30.5

= 13.875 kg

In grams = 13.875 × 1000

= 13,875 g

Packets = 13.875 ÷ 2.5

= 5 packets

Unpacked =

5 × 2.5 = 12.5 kg

13.875 − 12.5 = 1.375 kg

Section E

19.

Total = 1.45 + 1.38 + 1.52 = 4.35 m

Tallest = Riya

Difference = 1.52 − 1.38 = 0.14 m

Average = 4.35 ÷ 3 = 1.45 m

In cm = 145 cm

20.

Total = 1.75 + 2.25 + 0.85 = 4.85 m

Unused = 6 − 4.85 = 1.15 m

In cm = 115 cm

Tables = 1.15 ÷ 1.2

= 0 (Not enough for 1 full table)