परमाणु ऊर्जा शिक्षण संस्था
Atomic Energy Education Society
कार्यपत्रक   / Worksheet (2025-26)

कक्षा/Class: VII   विषय/Subject: Mathematics   अंक/Marks: 40

दिया गया पाठ्यक्रम/Portion covered: Chapter 03 (A Peek Beyond the Point)

विद्यार्थी का नाम/Name of the student: _____

अनुक्रमांक/Roll No.____   कक्षा/अनुभागClass /Sec.:____दिनांक /Date: _____

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GENERAL INSTRUCTIONS: -

1. All the questions are compulsory.
2. Question paper is divided into five sections A, B, C, D and E.
3. Calculators are not allowed.

SECTION-A [10x01=10 marks]

1. How many one-tenths make one unit?

   (a)100   (b)10

   (c)1,000   (d)1

2. What is the decimal form of 6 units and 3 one-tenths?

   (a)6.3   (b)63

   (c)6.03   (d)0.63

3. How many hundredths make one tenth?

(a) 1   (b) 10

(c) 100   (d) 1000

4. Which is the decimal form of 7 ones and 5 hundredths?

(a) 7.05   (b) 7.5

(c) 75   (d) 0.75

5. What is 5mm in centimetres?

(a) 0.05cm   (b) 0.5cm

(c)5.0cm   (d) 50cm

6. What is 3+6 tenths+4 hundredths written as a decimal?

(a) 3.64   (b)36.4

(c)0.364   (d)364

7. What is 1.5 hours in minutes?

(a) 65 minutes   (b)90 minutes

(c)70 minutes   (d)85 minutes

8. Why we divide 1cm into 10 equal parts on a ruler?

(a) To make measuring easier

(b) To measure smaller lengths accurately

(c) It is based on tradition

(d) To match weight units

9. Shylaja's hand length is 12.4 units, and her palm is 6.7 units. What is the length of her finger?

(a) 5.4 units   (b) 5.6 units

(c)5.7 units   (d) 6.0 units

10. What is the difference in length between the 3.2 cm screw and the 2.7 cm screw?

(a) 0.3 cm   (b) 0.4cm

(c)0.5cm   (d) 0.6 cm

SECTION-B [04x02=8 marks]

11. Which among these is closest to 4: 3.56,3.65 and 3.099?

12. Find the sums:

(a) 29.19+9.91   (b) 0.934+0.6

13. Observe this sequence of decimal numbers and identify the change after each term: 4.4,4.8,5.2,5.6,6. 0, ………. Also write the next three members of this sequence.

14. Tinku weighed 35.75 kg in January and 34.50 kg in February. Has he gained or lost weight? How much is the change?

SECTION-C [03x03=09 marks]

15. Solve the following:

(a) $\frac{3}{10} + 14\frac{3}{10}\frac{6}{100}$ $3\frac{4}{100}$ (b) $15\frac{6}{10}\frac{4}{100} +$

(c) $8\frac{6}{100} - 5\frac{3}{100}$

16. decimals

Convert the following into a sum of tenths, hundredths, and thousandths:

(a) 0.34   (b) 1.02   (c)
0.362

17. An American tourist needs a wooden plank 2.5 feet long. A carpenter in India has a measuring tape in inches and cm. How many inches long should the carpenter cut the plank? Is this a practical measurement to make? (1 foot=12 inches).

SECTION-D [01x05=05 marks]

18. (a) Arrange the following in descending order:

(I) 10.98,10.089,10.809,10.908,10.981

(ii) 22.31,22.13,22.331,22.313,22.133

(b) Ravi delivers vegetables of 2.5 kg,3.2kg and 4.1kg in the first three days. Over 7 days he delivers 20 kg total. How much did he deliver in the last four days?

SECTION-E [02x04=08 marks]

19. A community is planning a rectangular garden on a plot of land that is 10.5 meters long. They want to plant rows of vegetables with specific spacing.

   (a) They decide to leave a 0.5m path at each of the two ends. What is the remaining usable length for planting?   [1]
   (b) A packet of seeds costs Rs 50.75. What is the total cost of 4 packets? [1]
   (c) The plan is to have 5 rows of plants with a 1.5m space between each row. Will the usable length be sufficient for this plan? [2]

20. A customer is buying items online. The cart contains a book for ₹499.50 and a pen for ₹ 85.00. The website offers a discount coupon of ₹ 125.25. Shipping is free for orders above ₹ 500 after discount.

(a) What is the total cost of the items before any discount? [1]

(b) What is the cost after applying the discount coupon?   [1]

(c) If the customer adds an eraser costing ₹20.50, what is the new total after the discount? Will they have to pay for shipping now? [2]