



परमाणु ऊर्जा शिक्षण संस्था
Atomic Energy Education Society
कार्यपत्रक/Worksheet(2026-27)

कक्षा/Class:VII विषय/Subject: MATHEMATICS माह/Month: April-June 2026
अंक/Marks:40.

दिया गया पाठ्यक्रम/Portion covered: Ch.1 Large Numbers Around us. & Ch.2 Arithmetic expressions.

विद्यार्थी का नाम / Name of the student _____
 अनुक्रमांक/RollNo.:_____ कक्षा/अनुभाग Class/Sec.: _____ दिनांक / Date:_____

SECTION-A (10×01=10Marks)

- 1) The largest 3-digit number that can be made with 20 clicks of +1, +10, +100 buttons is
 (a) 980 (b) 990 (c) 992 (d) 999
- 2) Given that each coin has a thickness of 1 mm, calculate how many coins would need to be stacked to match the height of a matchbox of 4 cm.
 (a) 4 (b) 40 (c) 400 (d) 4000
- 3) What is the total cost if each dosa is ₹23 and tip is ₹5 for 4 dosas?
 (a) ₹92 (b) ₹95 (c) ₹97 (d) ₹100
- 4) What is the correct expression for “five times twenty-five”?
 (a) 5+25 (b) 5×25 (c) 25÷5 (d) 25–5
- 5) The value of the expression $107 \times 104 - 107 \times 44$ is
 (a) 6420 (b) 609 (c) 642 (d) 6042
- 6) Which property is applied when $10+2=2+10$?
 (a) Associative (b) Distributive (c) Commutative (d) Inverse
- 7) Which of these expressions correctly removes brackets: $200 - (40+3)$?
 (a) $200-40+3$ (b) $200-40-3$ (c) $200+40+3$ (d) $200-40 \times 3$
- 8) 1 kilogram = _____ grams
 (a) 10 (b) 100 (c) 1000 (d) 10000
- 9) Which is greater?
 (a) 1 crore (b) 10 lakh (c) 1 million (d) 1000 lakh
- 10) **Assertion (A):** If a person eats 3 varieties of rice per day, they can taste all 1 lakh varieties in 100 years.

Reason (R): $3 \times 365 \times 100 = 1,09,500 > 1,00,000$

- (a) Both (A) and (R) are true and Reason is the correct explanation of Assertion(A).
- (b) Both (A) and (R) are true but (R) is not the correct explanation of Assertion(A).
- (c) Assertion(A) is true but Reason(R) is false.
- (d) Assertion(A) is false but Reason(R) is true.

SECTION-B(04×02=08Marks)

- 11) a) What is 1 million equal to in the Indian number system?
 b) What is the smallest 6-digit number?
- 12) Find $60 - (12 - 3) \times 5$
- 13) a) What is the largest 5-digit number? b) How many lakhs make 1 crore?
- 14) Rajat's father runs a sweet shop. He packs 4-besan laddoos & 6-kaju-katlis in a box. On Diwali, he sold 120 such boxes. How many sweets did he sell in all?

SECTION-C (03×03 = 09 Marks)

- 15) A bank account shows a balance of -₹450. If ₹700 is deposited and ₹200 debited
 What will be the new balance?
- 16) Place commas and write number names for 1020304050 in:
 (a) Indian system (b) International system
- 17) Compare and write '<', '>' or '=':
 (a) 500 lakhs _____ 5 million (b) $500 \div 20$ _____ 10×3 . (c) $28 + 32$ _____ 6×10

SECTION-D (01×05 = 05 Marks)

- 18) I) What is 1 arab equal to in crores? Write 246813579 in Indian place value notation (with commas) and write its number name in the Indian system.
 II) Simplify: a) $72 \times 9 \div 3 - 150$ b) $2 + 3 \times 8 \div 4 - 5$

SECTION-E(02×04=08Marks)

- 19) I) Convert: (a) 5 million into lakhs (b) 6.4 billion into crores
 II) Find the distance between given Integers: a) -8 and 5 b) -3 and 7
- 20) I) Creative Chitti is a fun calculator that can press multiple buttons like +1, +10, +100, +1000 and so on. It wants to find different ways to form large numbers using fewest clicks or most creative combinations (a) What is the smallest number of button clicks to make 10,000 using +1000 button? (b) Find number of clicks using Chitti calculator for 6953
- II) The Statue of Unity is 180 meters tall, while the Kunchikal Waterfall drops from a height of 450 meters. (a) How much taller is the Kunchikal Waterfall than the Statue of Unity.
 (b) If Somu's building is 45 meters tall, how many such buildings would be needed to match the height of the Kunchikal Waterfall and height of the Statue of Unity?