

CHANDER BHAN MEMORIAL PUBLIC SCHOOL  
MATHS ASSIGNMENT CLASS - VII  
HOLIDAY HOME WORK

Que-1) Express each of the following as product of powers of their prime factors:

(i) 405

(ii) 504

(iii) 500

Que-2) Simplify the following:

(i)  $10^3 \times 9^0 + 3^3 \times 2 + 7^0$

(ii)  $6^3 \times 7^0 + (-3)^4 - 9^0$

Que-3) Find the value of K:

$$\left(\frac{2}{3}\right)^3 \times \left(\frac{2}{3}\right)^6 = \left(\frac{4}{9}\right)^{2k-3}$$

Que-4) Express the following in standard form:

(i) 819, 00, 000

(ii) 6892.25

Que-5) Find the supplement of the following:

(i)  $30^\circ$

(ii)  $79^\circ$

Que-6) If the angles  $(4x+4)^\circ$  and  $(6x-4)^\circ$  are the supplementary angles, find the value of x.

Que-7) Find the angles which is  $\frac{1}{5}$  of its complement.



Que-8) Find the difference between the greatest and the smallest fractions.

$$3\frac{3}{5}, 2\frac{4}{7}, \frac{19}{6}, \frac{18}{8}$$

Que-9) Simran painted  $\frac{2}{3}$  of the wall space in her room. Her brother Rahul helped and painted  $\frac{1}{5}$  of the wall space. How much did they paint together? What part of the whole space is left unpainted?

Que-10) Find the cost of fencing a rectangular park 300m long and 200m wide at the rate of ₹4 per metre.

Que-11) Find the length of a rectangle given that its perimeter is 880m and breadth is 88m.

Que-12) Express each of the following in terms of litres using decimals:

(a) 625 ml

(b) 760 ml

(c) 7 l 350 ml

Que-13) (i) The value of  $27 \div (9 \div 3)$  is \_\_\_\_\_  
 (ii) The property used in  $80 \times (60 + 3) = 80 \times 60 + 80 \times 3$  is \_\_\_\_\_.



Note :- (i) Revise PA-1 syllabus which has been done and learn table 2 to 20.

(ii) Do activity no. 2, 3, 4 and 17 in lab manual.

(iii) Revise all examples of ch-13 and ch-5 and do try these ques in practice notebook.

(iv) Do maths assignment in practice notebook.