



REVISION PRACTICE ASSIGNMENT (RPA)

SUBJECT-MATHEMATIC

SESSION-2020-21

CLASS: 8th

TOPIC: Playing with numbers

SECTION: A

I Choose the correct option :-

1x5=5

- If $5x6$ is exactly divisible by 3, then the least value of x is
(a) 0 (b) 1
(c) 2 (d) 3
- If $7x8$ is divisible by 9, then the least value of x is
(a) 0 (b) 2
(c) 3 (d) 5
- If $4xy7$ is exactly divisible by 3, then the least value of $(x+y)$ is
(a) 1 (b) 4
(c) 5 (d) 7
- If $x4y5z$ is exactly divisible by 9, then the least value of $(x+y+z)$ is
(a) 3 (b) 6
(c) 9 (d) 0
- The number which is exactly divisible by 4
(a) 1123 (b) 1670
(c) 917 (d) 1012

SECTION: B

II Very Short Question :-

1x5=5

- Find two numbers whose product is 1-digit number and the sum is 2-digit number
- Write the greatest 2-digit number which is exactly divisible by 6.
- Write the number 147 in generalised form .
- Write $100+x7+10\times 1+8$ in the usual form .
- Find the value of x for which the number $x806$ is divisible by 9.

SECTION: C

III Short Question :-

2x3=6

- Find all possible values of x for which the number $7x3$ is divisible by 3. Also, find each such number.
- Find the values of A, B and C when
$$\begin{array}{r} A.B \\ \times BA \\ \hline BCB \end{array}$$
- If $1a2b5$ is exactly divisible by 9, then find the least value of $(a+b)$

SECTION: D

IV Long Question :-

4x1=4

- In a 3-digit number, the hundreds digit is twice the tens digit while the units digit is thrice the tens digit. Also, the sum of its digits is 18. Find the number.