CLASS 8

SUBJECT :Arithmetic **Work sheet14**

Marks:15 **PLAYING WITH NUMBERS**

Date:1.3.21

Answer all thefollowing questions(1×15=15)

1. If M is a number such that M ÷ 5 gives a remainder of 1, then which of the following is the one's digit of M?

(i) 1

(ii) 6

(iii) 1 or 6

(iv) none of these.

2. A number divisible by 9 is also divisible by:

(i) 3

(ii) 6

(iii) 11

(iv) none of these.

3. If [3X 74] is a number divisible by 9, then the least value of X is:

(i) 1

(ii) 2

(iii) 3

(iv) 4

4. If [1X 2Y 6Z] is a number divisible by 9, then the least value of X + Y + Z is:

(i) 0

(ii) 1

(iii) 6

(iv) 9

5. The number 2 8 2 2 1 is divisible by which of the following:

(i) 2

(ii) 3

(iii) 6

(iv) 9

6. Which of the following is one's digit of a number, when divided by 5 gives a remainder of 3?

  (i) 8

(ii) 3

(iii) 3 or 8

(iv) none of these.

7. If the 4-digit number 2X Y7 is exactly divisible by 3, then which of the following is the least value of (X + Y)?

  (i) 3

(ii) 4

(iii) 6

(iv) 6

8. If a number is divisible by 2, then which of the following cannot be a one's digit in it?

  (i) 0

(ii) 1

(iii) 2

(iv) 4

9. If a number is divisible by 5, then which of the following can be its one's digit?

  (i) 2

(ii) 3

(iii) 4

(iv) 5

10. If a number is divisible by 10, then which of the following can be its one's digit?

  (i) 0

(ii) 1

(iii) 3

(iv) 5

11. The general form of abc is:

A. 100a + 10b + c

B. 100b + 10c + a

C. 100c + 10a + b

D. None of the above

12. The generalised form of 129 is:

A. 100+90+2

B. 100+20+9

C. 100+2+9

D. None of the above

13. The usual form of $100 \times 7 + 10 \times 1 + 8$ is:

    A. 108
    B. 708
    C. 718
    D. 170

14. Which of the following numbers are not divisible by 5?

    A. 20
    B. 125
    C. 122
    D. 200

15. Which of the following numbers are divisible by 10?

    A. 99
    B. 45
    C. 110
    D. 75

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