PART I – MULTIPLE CHOICE (1–40)

Directions: Choose the letter of the correct answer.

NOTE: For Liveworksheets dropdown, use this format:
{=C|A|B|C|D} (Correct answer first)

1. What is **864 ÷ 6**? **{=C|A|B|C|D}**
   A. 124 B. 134 C. 144 D. 154
2. What is **1,008 ÷ 7**? **{=C|A|B|C|D}**
   A. 124 B. 134 C. 144 D. 154
3. There are **936 candies** divided equally into **8 boxes**. How many candies are in each box? **{=B|A|B|C|D}**
   A. 107 B. 117 C. 112 D. 124
4. What is **2,304 ÷ 9**? **{=B|A|B|C|D}**
   A. 246 B. 256 C. 266 D. 276
5. What is **3,045 ÷ 5**? **{=C|A|B|C|D}**
   A. 509 B. 589 C. 609 D. 615
6. What is **7.2 ÷ 6**? **{=B|A|B|C|D}**
   A. 0.12 B. 1.2 C. 12 D. 120
7. What is **9.6 ÷ 8**? **{=B|A|B|C|D}**
   A. 0.12 B. 1.2 C. 1.8 D. 12
8. What is **4.5 ÷ 0.5**? **{=C|A|B|C|D}**
   A. 0.9 B. 4 C. 9 D. 90
9. What is **12.6 ÷ 3**? **{=B|A|B|C|D}**
   A. 3.2 B. 4.2 C. 5.2 D. 6.2
10. What is **15.75 ÷ 7**? **{=B|A|B|C|D}**
    A. 2.15 B. 2.25 C. 2.35 D. 2.45
11. A rope is **18.4 meters** long and is cut into **4 equal parts**. How long is each part? **{=C|A|B|C|D}**
    A. 4.4 m B. 4.5 m C. 4.6 m D. 4.7 m
12. **9.6 liters** of juice is poured equally into **12 cups**. How many liters are in each cup? **{=C|A|B|C|D}**
    A. 0.6 B. 0.7 C. 0.8 D. 0.9
13. The average of **4 numbers** is **18**. What is their total sum? **{=C|A|B|C|D}**
    A. 54 B. 62 C. 72 D. 80
14. The average of **5 numbers** is **24**. What is their total sum? **{=C|A|B|C|D}**
    A. 100 B. 110 C. 120 D. 130
15. The scores are **18, 20, 16, 22, 24**. What is the average score? **{=C|A|B|C|D}**
    A. 18 B. 19 C. 20 D. 21
16. The average of **3 numbers** is **15**. Two numbers are **12 and 18**. What is the missing number? **{=C|A|B|C|D}**
    A. 10 B. 12 C. 15 D. 18
17. The average of **4 numbers** is **25**. Three numbers are **22, 30, and 28**. What is the missing number? **{=B|A|B|C|D}**
    A. 18 B. 20 C. 22 D. 24

18. The average of **6 numbers** is **14**. Five numbers are **12, 13, 15, 16, and 14**. What is the missing number? **{=C|A|B|C|D}**
    A. 10 B. 12 C. 14 D. 16
19. Liza read **24, 30, 28, and x** pages in 4 days. If the average is **27**, what is **x**? **{=D|A|B|C|D}**
    A. 24 B. 26 C. 28 D. 30
20. The average of **5 numbers** is **19**. Four numbers are **15, 20, 18, and 17**. What is the 5th number? **{=C|A|B|C|D}**
    A. 20 B. 21 C. 22 D. 25
21. What is **8 + 4 × 3**? **{=B|A|B|C|D}**
    A. 12 B. 20 C. 24 D. 36
22. What is **(18 − 6) ÷ 3**? **{=C|A|B|C|D}**
    A. 2 B. 3 C. 4 D. 6
23. What is **5 × (12 − 7)**? **{=A|A|B|C|D}**
    A. 25 B. 30 C. 35 D. 40
24. What is **36 ÷ 6 + 7**? **{=A|A|B|C|D}**
    A. 13 B. 14 C. 15 D. 16
25. What is **9 + 24 ÷ 6**? **{=D|A|B|C|D}**
    A. 11 B. 12 C. 13 D. 14
26. What is **3 × 4 + 18 ÷ 6**? **{=B|A|B|C|D}**
    A. 12 B. 15 C. 18 D. 21
27. What is **40 − (6 × 4) + 2**? **{=A|A|B|C|D}**
    A. 18 B. 16 C. 20 D. 22
28. What is **(15 + 9) ÷ 6**? **{=B|A|B|C|D}**
    A. 3 B. 4 C. 5 D. 6
29. What is **7 × 5 − 18 ÷ 3**? **{=D|A|B|C|D}**
    A. 23 B. 25 C. 29 D. 31
30. What is **6 + 2 × (14 − 9)**? **{=B|A|B|C|D}**
    A. 14 B. 16 C. 18 D. 20
31. Which number is divisible by **3**? **{=B|A|B|C|D}**
    A. 124 B. 135 C. 142 D. 155
32. Which number is divisible by **5**? **{=C|A|B|C|D}**
    A. 238 B. 341 C. 560 D. 673
33. Which number is divisible by **9**? **{=C|A|B|C|D}**
    A. 126 B. 234 C. 315 D. 412
34. Which number is divisible by **10**? **{=B|A|B|C|D}**
    A. 325 B. 460 C. 492 D. 555
35. Which number is **prime**? **{=B|A|B|C|D}**
    A. 21 B. 29 C. 39 D. 49
36. Which number is **composite**? **{=D|A|B|C|D}**
    A. 13 B. 17 C. 19 D. 27
37. Which number has **exactly two factors**? **{=C|A|B|C|D}**
    A. 1 B. 9 C. 11 D. 15
38. What is the **smallest prime number**? **{=B|A|B|C|D}**
    A. 1 B. 2 C. 3 D. 5

39. Which number is divisible by **2 and 3**? **{=A|A|B|C|D}**
    A. 18 B. 25 C. 27 D. 35
40. Which number is **NOT** divisible by **4**? **{=C|A|B|C|D}**
    A. 124 B. 216 C. 318 D. 400

PART II – TRUE OR FALSE (41–60)

Directions: Type **T** if True and **F** if False.

41. A prime number has exactly two factors. **{=T}**
42. The number 1 is a prime number. **{=F}**
43. Any number divisible by 10 ends in 0. **{=T}**
44. Any even number is divisible by 2. **{=T}**
45. 36 is divisible by 9. **{=T}**
46. 49 is a composite number. **{=T}**
47. The factors of 12 are 1, 2, 3, 4, 6, and 12. **{=T}**
48. 15 is divisible by 4. **{=F}**
49. 27 is divisible by 3. **{=T}**
50. A number divisible by 5 must end in 0 or 5. **{=T}**
51. In PEMDAS, multiplication comes before addition. **{=T}**
52. $8 + 6 \times 2 = 28$. **{=F}**
53. $(20 - 8) \div 4 = 4$. **{=F}**
54. The average of 3 numbers is found by dividing their sum by 3. **{=T}**
55. If the average of 5 numbers is 10, then their sum is 50. **{=T}**
56. 0.5 is equal to 5 tenths. **{=T}**
57. $7.2 \div 8 = 0.9$. **{=T}**
58. A multiple of a number is always greater than the number. **{=F}**
59. The prime factorization of 18 is 2×9. **{=F}**
60. 100 is divisible by 4. **{=T}**

PART III – IDENTIFICATION (61–70)

Directions: Type the correct answer.

61. A number that has more than two factors is called a **{=composite number}**.
62. A number that has exactly two factors is called a **{=prime number}**.
63. The smallest composite number is **{=4}**.
64. The prime factorization of 12 is **{=2×2×3}**.
65. The prime factorization of 30 is **{=2×3×5}**.
66. The GCF of 12 and 18 is **{=6}**.
67. The LCM of 6 and 8 is **{=24}**.

68. The average of 10, 12, and 14 is **{=12}**.
69. The average of 3 numbers is 9. Two numbers are 8 and 10. The missing number is **{=9}**.
70. In PEMDAS, the letter "E" stands for **{=exponents}**.

PART IV – PROBLEM SOLVING / ENUMERATION (71–80)

Directions: Solve and type your final answer.

71. 2,520 ÷ 9 = **{=280}**
72. 3.6 ÷ 0.3 = **{=12}**
73. The average of 6 numbers is 20. What is their total sum? **{=120}**
74. The average of 4 numbers is 16. Three numbers are 14, 18, and 15. The missing number is **{=17}**
75. 48 − 6 × 5 + 12 ÷ 3 = **{=22}**
76. The GCF of 24 and 36 is **{=12}**
77. The LCM of 9 and 12 is **{=36}**
78. The prime factorization of 84 is **{=2×2×3×7}**
79. The first 5 multiples of 7 are **{=7,14,21,28,35}**
80. 96 pencils divided equally among 8 students = **{=12}**