

- 1) There are 520 residents in a small town. If  $\frac{1}{4}$  of the residents are married, how many residents are not married?
- (a) 104
  - (b) 312
  - (c) 208
  - (d) 410
- 2) A vehicle can cover 80 kilometers in  $2\frac{1}{2}$  hours. How many kilometers can it cover in 6 hours?
- (a) 192 km
  - (b) 188 km
  - (c) 176 km
  - (d) 152 km
- 3) A wall is 12 ft. long and 10 ft. high. How many pails of paint is required if each pail can cover 10 square feet of the wall?
- (a) 8
  - (b) 10
  - (c) 12
  - (d) 16
- 4) Three years from now, the sum of the ages of Lito and Sissy is 66. If Lito is 4 years older than Sissy, how old is Sissy at the present?
- (a) 32
  - (b) 28
  - (c) 24
  - (d) 20
- 5) If  $a = -1$ ,  $b = -\frac{3}{2}$ , and  $c = 1$ , what is the value of  $2c(b - a)$ ?
- (a) 19
  - (b) 10
  - (c) 7
  - (d) -1

6) I have two numbers. If I subtract them, I will get 8. Meanwhile, if I add them, I will obtain 62. Determine my smaller number.

- (a) 35
- (b) 33
- (c) 29
- (d) 27

7) If half of a number is decreased by 10, the result is less than 42. Which of the following is a possible value of the number?

- (a) 120
- (b) 112
- (c) 104
- (d) 98

8) If  $x = 11$  in  $2x + 3y = 58$ , what is the value of  $2y + 10$ ?

- (a) 11
- (b) 22
- (c) 27
- (d) 34

9) Sabrina is twice as old as Orwell. Meanwhile, Lei is 8 years older than Sabrina. 3 years from now, the sum of their ages is 77. How old is Orwell in the present?

- (a) 15
- (b) 12
- (c) 9
- (d) 7

10) What is the average of 9.32, 10.125, 4.15, 7.82, and 0.03?

- (a) 5.550
- (b) 5.734
- (c) 6.108

(d) 6.289

11) Perform the operation:  $-\frac{1}{3} + \frac{2}{5}$

- (a)  $\frac{1}{15}$
- (b)  $-\frac{1}{15}$
- (c)  $\frac{11}{8}$
- (d)  $-\frac{11}{8}$

12) What percent of  $1\frac{1}{3}$  is  $\frac{1}{3}$ ?

- (a) 15%
- (b) 25%
- (c) 35%
- (d) None of the above

13) Multiply  $2\frac{1}{2}$  by twice of its reciprocal

- (a)  $\frac{1}{3}$
- (b)  $\frac{1}{2}$
- (c) 3
- (d) 2

14)  $\frac{1}{5}$  of what number is 16?

- (a) 21
- (b)  $\frac{16}{5}$
- (c) 80
- (d) 120

15) 12 years ago, the sum of the ages of Dona and Ariel was 23. If Ariel is 17 years younger than Dona, how old is Dona at the present?

- (a) 15
- (b) 22
- (c) 27
- (d) 32

16) It takes 350 square feet of tiles to cover a living room. If the living room is 25 ft. long, what is the possible width of the room?

- (a) 14 ft.
- (b) 12.5 ft.
- (c) 10 ft
- (d) 8.5 ft.

17) To fence a rectangular lot, Farmer Julio needs 252 meters of fencing material. He is uncertain about the length of the farm but he is sure that it is 30 meters wide. How long is Farmer Julio's rectangular lot?

- (a) 96 meters
- (b) 84 meters
- (c) 76 meters
- (d) 64 meters

18) Solve for  $x$ :  $3 + 2(x - 4) - 8 = 17$

- (a) 12
- (b) 15
- (c) 18
- (d) 20

19) How many 8's are there in  $\frac{1}{8}$  raised to the fourth power?

- (a) 1/324
- (b) 1/496
- (c) 1/588
- (d) 1/648

20) An item was tagged with a 15% discount. If its original price is Php 1200, how much will be your change if you pay Php 2000 for the item?

- (a) Php 800
- (b) Php 920



## Numerical Ability Practice Test

Set 7

- (c) Php 980
- (d) Php 1080



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***To God be the glory!***