

# 2026 Civil Service Exam of the Philippines Numerical Reasoning Reviewer

Mathematics · Answer Key · 21 Questions

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1. If a government office processes 240 documents in 8 hours, how many documents are processed per hour?

- A) 25
- B) 30**
- C) 35
- D) 40

2. What is 15% of the office budget of PHP80,000?

- A) PHP10,000
- B) PHP12,000**
- C) PHP15,000
- D) PHP18,000

3. If 3 clerks can process 90 forms in 2 hours, how many forms can 6 clerks process in 2 hours?

- A) 150
- B) 180**
- C) 210
- D) 240

4. Complete the sequence: 2, 6, 12, 20, \_\_\_\_

- A) 28**
- B) 30
- C) 32
- D) 34

5. A project budget of PHP50,000 is reduced by 12%. What is the new budget?

- A) PHP43,000
- B) PHP44,000**
- C) PHP45,000
- D) PHP46,000

6. The ratio of male to female employees is 3:5. If there are 120 total employees, how many are male?

- A) 35
- B) 45**
- C) 50
- D) 60

7. If  $144 + 5^2 = x$ , what is  $x$ ?

**A) 27**

B) 30

C) 32

D) 37

8. A task takes 6 hours with 4 workers. How long will it take with 3 workers?

A) 7 hours

**B) 8 hours**

C) 9 hours

D) 10 hours

9. Find the average of: 15, 25, 30, 35, 45

**A) 25**

B) 27

C) 29

D) 31

10. What is 75% of 400?

A) 275

**B) 300**

C) 325

D) 350

11. Complete: 5, 10, 20, 40, \_\_\_\_

A) 70

**B) 80**

C) 90

D) 100

12. If  $8x + 4 = 36$ , what is  $x$ ?

**A) 3**

B) 4

C) 5

D) 6

13. Find the next number: 3, 7, 13, 21, \_\_\_\_

**A) 29**

B) 31

C) 33

D) 35

14. If  $\frac{2}{5}$  of workers are female, out of 200 workers, how many are male?

A) 100

**B) 120**

C) 140

D) 160

15. A photocopier makes 3 copies every 5 seconds. How many copies in 2 minutes?

A) 60

**B) 72**

C) 84

D) 96

16. What single discount equals two successive 20% discounts?

**A) 32%**

B) 36%

C) 40%

D) 44%

17. Complete: 1, 3, 6, 10, 15, \_\_\_\_

**A) 20**

B) 21

C) 22

D) 23

18. If  $?x + 5 = 13$ , what is x?

A) 49

B) 56

**C) 64**

D) 81

19. A rope is cut into 3 pieces in ratio 2:3:4. If total length is 54m, shortest piece is?

A) 10m

**B) 12m**

C) 15m

D) 18m

20. Six years ago, A was half of B's age. If B is now 32, how old is A?

**A) 25**

B) 26

C) 27

D) 28

21. If  $4x^2 = 100$ ,  $x = ?$

A) 5

B) 10

C) 20

D) 25