

# 2026 Civil Service Exam of the Philippines Numerical Reasoning Reviewer

Mathematics · Practice Test · 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