

REVIEWER CIVIL SERVICE EXAM

NUMBER ANALOGY ANSWERS

1. 0.75 is to $\frac{3}{4}$ as 0.8 is to _____

1. $\frac{2}{3}$

2. $\frac{4}{5}$

3. $\frac{5}{6}$

4. $\frac{6}{7}$

5. $\frac{3}{5}$

Solution 1: Comparison

If you convert 0.75 into fraction form:

$$0.75 = \frac{75}{100} = \frac{3 \times 25}{4 \times 25} = \frac{3 \times \cancel{25}}{4 \times \cancel{25}} = \frac{3}{4}$$

therefore the ratio 0.75 is to $\frac{3}{4}$ or $\frac{0.75}{\frac{3}{4}}$ is equal to one. Since the first ratio is equal (0.75= $\frac{3}{4}$), you only need to find the fraction form that would equal to 0.80:

$$0.80 = \frac{80}{100} = \frac{8 \times \cancel{10}}{10 \times \cancel{10}} = \frac{4 \times 2}{5 \times 2} = \frac{4}{5}$$

Solution 2: Ratio and Proportion Convention

0.75 is to $\frac{3}{4}$ as 0.8 is to X, (X is unknown).

$$0.75:\frac{3}{4} = 0.8:X$$

$$\frac{0.75}{\frac{3}{4}} = \frac{0.8}{X}$$

Convert 0.75 and 0.8 to fraction form. (Review Fractions: $0.1 = \frac{10}{100}$ **or** $\frac{1}{10}$, $0.01 = \frac{1}{100}$)

$$\frac{75/100}{\frac{3}{4}} = \frac{80/100}{X}$$

$$\frac{75}{100(\frac{3}{4})} = \frac{80}{100(X)}$$

$$\frac{75(4)}{100(3)} = \frac{80}{100(X)}$$

$$X = \frac{80(\cancel{100})(3)}{\cancel{100}(75)(4)} = \frac{80(3)}{(75)(4)} = \frac{20(\cancel{4})(3)}{25(\cancel{3})(4)} = \frac{4(\cancel{5})}{5(\cancel{5})}$$

$$X = \frac{4}{5}$$

2. 75% is to 1/2 as 45% is to _____

1. 3/11

2. 3/10

3. 3/4

4. 2/3

5. 3/5

Solution: Ratio and Proportion Convention

75% is to 1/2 as 45% is to X, (X is unknown).

$$75\% : \frac{1}{2} = 45\% : X$$

$$\frac{75\%}{1/2} = \frac{45\%}{X}$$

Convert 75% and 80% to fraction form. (Review" Percentage is a way of expressing a number as a fraction of 100 (per cent meaning "per hundred" in Latin) 75% = 75/100, 80% = 80/100 like any number with a % sign like 0.01% = .01/100 and 2000% = 2000/100

$$\frac{75/100}{1/2} = \frac{45/100}{X}$$

$$\frac{75}{100(1/2)} = \frac{45}{100(X)}$$

$$\frac{75(2)}{100(1)} = \frac{45}{100(X)}$$

$$X = \frac{45(\cancel{100})(1)}{\cancel{100}(75)(2)} = \frac{45}{(75)(2)} = \frac{\cancel{5}(9)}{\cancel{5}(15)(2)} = \frac{3(\cancel{3})}{5(\cancel{3})(2)}$$

$$X = \frac{3}{10}$$

3. 0.25 is to 0.125 as to 1.25 is to _____

1. 0.625

2. 1.125

3. 1.625

4. 2.125

5. 6.250

Try Solving This:

Solution 1: By Comparison

Solution 2: By Ratio and Proportion Convention

4. 2 is to 50 as 3.2 is to _____

1. 60

2. 70

3. 80

4. 90

5. 160

Try Solving This by Ratio and Proportion Convention

5. 14 is to 28 as 5 is to _____

1. 7

2. 8

3. 9

4. 10

5. 15

6. 1 is to $\frac{1}{4}$ as $\frac{5}{25}$ is to _____

1. $\frac{1}{16}$

2. $\frac{1}{18}$

3. $\frac{2}{6}$

4. $\frac{3}{4}$

5. $\frac{1}{20}$

7. 0.35 is to 7 as 0.45 is to _____

1. 8

2. 9

3. 12

4. 14

5. 0.9

8. $\frac{1}{3}$ is to $\frac{2}{18}$ as $\frac{1}{12}$ is to _____

1. $\frac{2}{72}$

2. $\frac{2}{48}$

3. $\frac{3}{36}$

4. $\frac{3}{25}$

5. $\frac{1}{72}$

9. $\frac{3}{8}$ is to $\frac{12}{32}$ as $\frac{2}{5}$ is to _____

1. $\frac{8}{20}$

2. $\frac{10}{23}$

3. $\frac{6}{13}$

4. $\frac{4}{6}$

5. $\frac{5}{6}$

10. $\frac{1}{3}$ is to $\frac{3}{7}$ as $\frac{1}{6}$ is to _____

1. $\frac{3}{14}$

2. $\frac{1}{5}$

3. $\frac{1}{4}$

4. $\frac{1}{3}$

5. $\frac{1}{2}$

11. 0.4 is to $\frac{2}{5}$ as 0.6 is to _____

1. 20

2. $\frac{4}{5}$

3. $\frac{3}{10}$

4. $\frac{3}{5}$

5. $\frac{1}{5}$

12. 0.2 is to 0.4 as 0.3 is to _____

1. 0.009

2. 0.0009

3. 0.09

4. 0.9

5. 9.0

13. 8 is to 2^3 as 27 is to _____

1. 3^3

2. 5^3

3. 9^3

4. 3^9

5. 4^3

14. 0.5 is to $\frac{1}{2}$ as 0.65 is to _____

1. $\frac{11}{20}$

2. $\frac{13}{20}$

3. $\frac{15}{20}$

4. $\frac{17}{20}$

5. $\frac{14}{20}$

15. $\frac{1}{3}$ is to 3 as $\frac{2}{8}$ is to _____

1. 2 **2.** 4 3. 6 4. 8 5. 10
16. 30% is to $\frac{3}{5}$ as 80% is to _____
1. $1\frac{1}{5}$ 2. $1\frac{2}{5}$ **3.** $1\frac{3}{5}$ 4. $1\frac{4}{5}$ 5. 2
17. 0.30 is to 0.075 as 0.15 is to _____
1. 0.000375 2. 0.00375 3. 0.0375 4. 0.375 5. none
18. $\frac{2}{5}$ is to 20% as $\frac{3}{4}$ is to _____
1. 35.5% 2. 37.0% **3.** 37.5% 4. 39.0% 5. 36.5%
19. 625 is to 81 as 5 is to _____
- 1.** 3 2. 4 3. 6 4. 9 5. 0.648

Note: Solution is by comparison. The ratio here is exponential: $5^4:3^4$, after knowing this the answer is obvious. It is 3. Review special numbers like the squares of number. My first analysis here is that it is 25^2 and 9^2 and I know that 25 and 9 are 5^2 and 3^2 which made me arrive to the same answer 3.

20. 8 is to 11 as 36 is to _____
- 1.** 49.50 2. 55.00 3. 59.50 4. 65.00 5. 69.50
21. 2 is to 2.5 as 4 is to _____
1. 3 **2.** 5 3. 7 4. 9 5. 6
22. 2 is to 8 as 4 is to _____
1. 18 2. 32 3. 36 4. 66 **5.** none

PROBLEM SOLVING

- Miss Roxas bought 20 blouses for P1800 and marked them to sell at P110 each. After selling 16 pieces at this rate, she decided to sell the remaining blouses at a lower price. At what price may she sell each remaining blouse and still realize a gross profit of P360 on the 20 blouses?

1. P100 2. P105 3. P110
4. P115 5. P120

Solution:

No. of Blouses Bought = 20

Original Price for 20 Blouses = 1800

Original Price Per Blouse = $1800 / 20 = \text{P } 90$

Selling Price Per Blouse = P 110

$$\text{Gross Profit Per Blouse} = \text{Selling Price} - \text{Original Price} = 20$$

Gross Profit After Selling 16 pieces

$$= \text{No. of Blouse} \times \text{Gross Profit per Blouse}$$
$$= 16 \times P 20$$

= P 320

$$\text{No. of Blouses Left} = 20 - 16 = 4$$

Goal: Gross Profit = P 360

Needed Gross to get goal gross profit = Goal Gross Profit – Gross Profit for 16 pieces

$$= \text{P } 360 - \text{P } 320$$
$$= 40$$

Needed Gross Per Blouse (for the 4 blouses) = P 40 / 4 = 10

$$\text{Selling Price Per Blouse (for the 4 Blouses)} = \text{Original Price Per Blouse} + \text{Needed Gross per}$$

Blouse

$$= 90 + 10$$

= P100

-
2. The Philippines and 19 other Asian nations decide to cut their oil consumption by two million barrels a day. If this is 5% of their daily oil consumption, how many barrels are consumed by these countries in one day?

1. 400,000 2. 10,000.00 **3. 40,000.00**
4. 100,000.00 5. 400,000.00

Solution:

2 Million Barrels = 5% of the daily consumption

$$2M = 0.05 X$$

$$X = \frac{2M}{0.05} = \frac{2M}{\frac{5}{100}} = \frac{2M \times 100}{5} = \frac{200M}{5} = 40M$$

The Answer is 40M or 40,000,000.00. it is not in the choices but we need to have an answer so the safe choice would be to shade 3. 40,000.00.

3. A development project which was financed by ecological organizations amounted to P 3.6 million. If there had been two more contributors, and the expenses were shared equally, it would have cost each organization P300,000 less. How many organizations contributed to the project?

1. 3 2. 4 3. 6
4. 9 5. 12

Solution:

Let x be the number of organization
 Let y be the amount per organization
 Problem: Find x

Solution 1: using elimination of the multiple choices by substitution

Equation 1: $xy = 3,600,000$

Equation 2: $(x+2)(y-300,000) = 3,600,000$

Choice 1: $x = 3$

Equation 1: $3y = 3,600,000$
 $y = 1,200,000$

Equation 2: $(x+2)(y-300,000) = 3,600,000$
 $(3+2)(y-300,000) = 3,600,000$
 $(5)(y-300,000) = 3,600,000$
 $(y-300,000) = 3,600,000/5$
 $(y-300,000) = 720,000$
 $y = 1,020,000$

y in equation 1 and 2 is not equal therefore, choice 1 is not the answer.

Choice 2: $x = 4$

Equation 1: $4y = 3,600,000$
 $y = 900,000$

Equation 2: $(x+2)(y-300,000) = 3,600,000$
 $(4+2)(y-300,000) = 3,600,000$
 $(6)(y-300,000) = 3,600,000$
 $(y-300,000) = 3,600,000/6$
 $(y-300,000) = 600,000$
 $y = 900,000$

y in equation 1 and 2 is not equal therefore, choice 2 is the answer.

Solution 2: using algebra convention

Equation 1: $xy = 3,600,000$

Equation 2: $(x+2)(y-300,000) = 3,600,000$

Find x, we need to eliminate y in equation 2.

Equation 1: $y = \frac{3,600,000}{x}$

Substitute in Equation 2: $(x+2)\left(\frac{3,600,000}{x} - 300,000\right) = 3,600,000$

Simplify:

$$x\left(\frac{3,600,000}{x} - 300,000\right) + 2\left(\frac{3,600,000}{x} - 300,000\right) = 3,600,000$$

$$\left(\frac{3,600,000}{x} - 300,000\right)x + \left(\frac{7,200,000}{x} - 600,000\right) = 3,600,000$$

$$(3,600,000 - 300,000x) + \left(\frac{7,200,000 - 600,000x}{x}\right) = 3,600,000$$

$$\left(\frac{3,600,000x - 300,000x^2 + 7,200,000 - 600,000x}{x}\right) = 3,600,000$$

$$3,600,000x - 300,000x^2 + 7,200,000 - 600,000x = 3,600,000x$$

$$0 = \cancel{3,600,000x} - (\cancel{3,600,000x} - 300,000x^2 + 7,200,000 - 600,000x)$$

$$300,000x^2 + 600,000x - 7,200,000 = 0$$

$$(300,000x^2 + 600,000x - 7,200,000 = 0) \frac{1}{300,000}$$

$$x^2 + 2x - 24 = 0$$

$$(x - 4)(x + 6) = 0$$

x = 4, $x = -6$, The answer is 4, Eliminate $x = -6$ since number of organization should be positive.

4. There are 36 reams of mimeographing paper in the drawer. If $1\frac{1}{4}$ dozens of reams of paper were to be used in printing, how many reams should be left in the drawer?

1. 15 2. 20 **3.** 21
4. 22 5. 23

5. A group of men went on fishing trip, agreeing that each should pay the same amount. The total bill was P168. If there had been two fewer men, each man would have had to pay 2 pesos more. How many men went fishing?

1. 15 **2.** 14 3. 13 4. 12 5. 8

6. The ceiling of a building, 18 meters by 15 meters, is to be painted. How many gallons of paint are required for this ceiling if a gallon can cover 15 square meters?

1. 15 **2.** 18 3. 20 4. 27 5. 36

7. A square and a rectangle have equal areas. If the rectangle is 36 by 16, what is a side of a square?

1. 24 2. 26 3. 29 4. 34 5. 36

8. Ana gets a commission of 10% for each bottle of lotion she sells. If a bottle of lotion sells for P87.50, how many bottles will Ana have to sell to receive a commission of P210?

1. 20 **2.** 24 3. 36 4. 38 5. 40

9. What is the sum of series of arithmetic progression having a common difference of 3.5, if the first term is 0.5 and the last term is 25?

1. 17.15 2. 25.55 3. 53.4 4. 174.5 **5.** none of these

Answer is 102

10. If the sum of 5 consecutive numbers is 95, what is the third number?

1. 17 2. 18 **3.** 19 4. 20 5. 21

4. 1,275 5. 12,750

18. If the management of a parking lot charges its customer P10.00 for the first two hours and P5.00 for each additional hour or a part thereof; then the cost for parking for 4 hours and 45 minutes is _____.

1. P15.00 2. P23.75 **3. P25.00**
4. P35.00 5. P45.00

19. A bureau director has an appointment at 9 A.M. in a nearby province. If he travels at 40 kph., he will arrive at 8 AM. If he drives at 30 kph., he will not arrive until 8:45 A.M. How far away is the province?

1. 30 km 2. 37.5 km 3. 50 km
4. 90 km 5. 225 km

20. Which of the following has the greatest discounts?

1. a discount of $\frac{1}{3}$ of the selling price of P200
2. 33.3% of the selling price of P200
3. 0.3 discount of the selling price of P200
4. a discount of 200
5. none of the above

I'm not sure of the answer, but I would answer none of the above instead of choice number 4: a discount of 200 since the original value to where the P200 discount is unknown, it may be a thousand or a million. Options 1 and 2 are equal and 3 is lower than 33.3%.

21. Nena has applied for employment in the next three different countries namely: Hongkong; Malaysia and Brunei. In Hongkong the monthly salary in HK \$500; Malaysia Mal \$300 and Brunei \$200 consider the following:

1 HK \$	= P2.90
1 Br \$	= P 12.15
1 Mal \$	= P 8.40

Which country has the best offer?

1. Hongkong 2. Brunei **3. Malaysia**
4. Hongkong – Brunei 5. All

Solution: Which is the best offer in pesos?

$$\text{HK} = 500 \times 2.90 = \text{P } 1,450$$

$$\text{Mal} = 300 \times 8.40 = \text{P } 2,520$$

$$\text{Br} = 200 \times 12.15 = \text{P } 2,430$$

22. Which of the following commodities has the least increase U.S. \$ per pound from 1987 – 1990.

1. copper from 0.63 to 1.14

2. aluminum from 0.62 to 0.63
3. nickel from 1.72 to 3.55
4. zinc from 0.43 to 0.68
5. lead from 0.21 to 0.30

Solution: Simple Decimal Subtraction, Find the least number

1. copper: $1.14 - 0.63 = 0.51$
2. aluminum: $0.63 - 0.62 = 0.01$
3. nickel: $3.55 - 1.72 = ??$

(Tip: you can opt whether to solve this or not, by just knowing the number, you can see that the result would be much greater than that of aluminum, 0.01, we are looking for the least. This would save you time.)

4. zinc from $0.68 - 0.43 =$ (Much larger than 0.01)
5. lead from 0.21 to $0.30 =$ (Much larger than 0.01)

23. Which of the following is the biggest?

1. 41.2 meters
2. 4,120 cm
3. 0.0412 km.
4. 41,200 mm.
5. all are equal

Solution: Conversion of units.

Note: 1 kilo units = 1,000 units
 1 centi units = 1/100 units
 1 milli units = 1/1000 units

1. 41.2 meters
2. $4,120 \text{ cm} \times 1/100 \text{ m/cm} = 41.2 \text{ meters}$
3. $0.0412 \text{ km} \times 1000 \text{ m/km} = 41.2 \text{ meters}$
4. $41,200 \text{ mm} \times 1/1000 \text{ m/mm} = 41.2 \text{ meters}$

24. A family budget provides that the monthly outlaws for food and house is P 1,810.00. If the amount spent for food is three times that of the rent, how much is the monthly rental?

1. P460.00
2. P920.00
3. P1,560.00
4. P452.50
5. none of these

Solution: Simple Algebra.

Budget for Food and House Rental = P 1,810

X = Budget for food

Y = Budget for house rental

$X + Y = \text{P } 1,810$, Solve for Y

Relation: $X = 3Y$

$(3Y) + Y = 1,810$

$4Y = 1,810$

Y = 452.50

25. After driving $3\frac{1}{2}$ hours, a motorist covered 120 km. At this rate, how long will it take him to drive 360 km.?

- | | | |
|--------------------|--------------------|--------------------|
| 1. $9\frac{1}{2}$ | 2. $10\frac{1}{2}$ | 3. $11\frac{1}{2}$ |
| 4. $12\frac{1}{2}$ | 5. $13\frac{1}{2}$ | |

26. Mrs. Renoso is planning to buy curtains for their new house. She will need 23 floor length pieces, each piece 2 meters and 50 cm. Long. How many meters should she buy.

- | | | |
|--------------------|--------------------|--------------------|
| 1. $37\frac{1}{2}$ | 2. $47\frac{1}{2}$ | 3. $57\frac{1}{2}$ |
| 4. $67\frac{1}{2}$ | 5. $57\frac{1}{4}$ | |

27. An employee spends about P1,330.00 a month. This sum is 70% of his monthly salary. How much does he receives a month?

- | | | |
|--------------|--------------|--------------|
| 1. P1,900.00 | 2. P2,265.00 | 3. P2,900.00 |
| 4. P2,290.00 | 5. P2,000.00 | |

If a and b are any two positive real numbers, then;

- | | | |
|----------------|------------------|----------------|
| 1. $-b \ a+b$ | 2. $b-a \ a+b$ | 3. $a-b \ a+b$ |
| 4. $a-b \ a+b$ | 5. none of these | |

Tip: The question must be an error, you can magic your answer here or you can guess what was the missing question. My guess is that which would give a result of positive number by which both 3 and 4 would qualify, if asked the opposite question, which would return a negative value, both 1 and 2 would also qualify.

28. Which pair of numbers below has 120 as a product?

- | | | |
|-----------|------------------|-----------|
| 1. 7 & 16 | 2. 15 & 8 | 3. 18 & 5 |
| 4. 25 & 4 | 5. none of these | |

29. A certain number is doubled and then divided by 8. If after subtracting 4 from this result, one gets 16, the original number is:

- | | | |
|-------|-------|-------|
| 1. 32 | 2. 48 | 3. 64 |
| 4. 80 | 5. 70 | |

Solution: Simple Algebra.

$$\begin{aligned}(x \times 2 \div 8) - 4 &= 16 \\ \frac{x}{4} &= 16 + 4 \\ x &= 20 \times 4 = 80\end{aligned}$$

30. The numerator of a fraction is 4 less than its denominator, if 3 is added both the numerator and denominator, the resulting number is $\frac{3}{4}$. What is the original fraction?

1. 8/14
4. 10/13

- 2. 9/13**
5. 8/13

3. 9/12

Solution: Algebra and fraction. Find $\frac{x-4}{x}$.

Tip: By inspection only choice 2 would fit the description of the fraction, which is the numerator is less than 4 than the denominator. Choice 2 is the obvious answer.

Alternate Solution (Check):

$$\frac{x - 4 + 3}{x + 3} = \frac{3}{4}$$

From the fraction, we have 2 equations:

$$x - 1 = 3y \text{ and } x + 3 = 4y$$

Substitute y in equation 1: $y = (x - 1)/3$ to equation 2.

$$x + 3 = \frac{4(x - 1)}{3}$$

$$3(x + 3) = 4(x - 1)$$

$$3x + 9 = 4x - 4$$

$$9 + 4 = x$$

$$x = 13$$

$$\text{Therefore: } \frac{x-4}{x} = \frac{9}{13}$$

31. Each box of ballpen contains 24 pieces. If an employee in an office given 3 ballpens. How many boxes will be needed for 168 employees?

1. 17
4. 25

- 2. 21**
5. 31

3. 22

Solution: 8 employees per box. 168 employees divided by 8 employees per box = 21 boxes

32. An employee who receives P306.00 each payday saves P1.50 of every P9.00 of his earnings. If the employee is paid two times a month, how much he would save after four months?

1. P144.00
- 4. P408.00**

2. P204.00
5. P308.00

3. P334.00

Solution.

savings after 4 months

$$= P\ 306 \text{ per payday} \times \frac{P\ 1.50 \text{ savings}}{\text{for every } P\ 9.00} \times 2 \text{ paydays per month} \times 4 \text{ months}$$

$$= 306 \times \frac{15}{90} \times 2 \times 4$$

$$= 306 \times \frac{30}{90} \times 4$$

$$= 306 \times \frac{1}{3} \times 4$$

$$= 102 \times 4$$

$$= 408$$

33. If a can holds $\frac{3}{4}$ of a liter of gasoline. How many liters will 1 $\frac{1}{2}$ dozens at the same size hold?

1. 10.8

2. 12.2

3. 13.8

4. 13.5

5. 14.5

34. The ratio of males to females in an organization is M:F. How many males are there if there are T females?

1. $(M \times T) + F$

2. $(F \times T) + M$

3. $T + (F-M)$

4. FT / M

5. MT / F

Solution: Solve for x:

$$\frac{M}{F} = \frac{x}{T}$$

$$x = \frac{MT}{F}$$

35. Maria was born November 23, 1958. How old was she last April 23, 1980?

1. 20 yrs. & 9 months

4. 22 yrs. & 7 months

2. 22 yrs. & 5 months

5. none of these

3. 21 yrs. & 5 months

36. When any number is divided by 20, the largest remainder that can be attained is:

1. 5

2. 10

3. 19

4. 21

5. 15

37. There are 115,000 hectares of land for cotton production. What should be the average yield in tons per hectare to produce a total of 138,000 tons of cotton?

- | | | |
|--------|---------------|---------|
| 1. 8.0 | 2. 1.2 | 3. 1.23 |
| 4. 2.3 | 5. 2.1 | |

38. An employee who receives P296.00 each payday, put P1.00 out of P8.00 into a special fund. How much does he put into that fund?

- | | | |
|-----------|------------------|-----------|
| 1. P26.00 | 2. P29.00 | 3. P20.00 |
| 4. P24.00 | 5. P37.00 | |

Beware! This is a very simple problem but would take time solving without calculator. Practice these types of problems; this should be a bonus to you once you have mastered the problem. The quick solution of this is:

$$296 \times \frac{1}{8} = 37$$

Practice Problem 33.

39. The United Arab Emirates has reduced its daily oil production by 80,000 barrels from 1.7 million barrels. Find its daily production in million barrels.

- | | | |
|--------|--------|----------------|
| 1. 0.9 | 2. 1.5 | 3. 1.62 |
| 4. 1.6 | 5. 1.2 | |

ENVIRONMENTAL ISSUES

1. Nuclear power must be unfavorable because the waste from nuclear reactions is highly fatal to life and unfriendly to the environment.

- 1. anything that has ill-effects on the ecosystem must be prohibited**
- waste from nuclear reactors can be disposed safely and efficiently
- nuclear scientists have not exerted enough effort to control and dispose the waste from safely

4. measures taken to control and dispose of waste from nuclear reactors have been fruitless
 5. today, technology cannot effectively reduce harmful effects of nuclear waste disposal
2. Chlorofluorocarbons are popular as propellants and solvents because they are
- | | | |
|-------------|------------------|------------------|
| 1. reactive | 3. stable | 5. biodegradable |
| 2. soluble | 4. cheap | |
3. Monoculture cropping or planting a single crop in a large area is not advisable because it-
- 1. promotes pest infestation**
 2. requires more water
 3. lowers the water table
 4. requires less fertilizer
 5. causes drought
4. Which of the following is the major cause of coral-reef destruction?
- | | | |
|-----------------------|--------------------|--------------|
| 1. Dynamite fishing | 3. moro-ami | 5. oil spill |
| 2. sewerage pollution | 4. siltation | |
5. Putting up dams along rivers negatively affect on marine fishes because _____
1. less water will flow to the sea
 2. less minerals will flow to the sea
 3. when dams break, the connection wall can be harmful to fishes
 - 4. some marine fishes spends part of their life cycle upstreams**
 5. some marine fishes need the coral reefs upstream
6. The government is established for the furtherance and guarantees of certain inalienable human rights.
1. proclamation
 2. suspension
 3. transfer
 4. prohibition
 - 5. preservation**
7. The court has resisted the clamor to issue a temporary injunction for the sake of _____.
- | | | |
|---------------|--------------|--------------|
| 1. principle | 3. integrity | 5. sincerity |
| 2. expediency | 4. honesty | |

8. From the extensive data gathered in the Philippines for the period 1990-1995, there are indications that some rivers are still relatively clean particularly in Mindanao _____.

1. the over-all quality of the rivers has deteriorated
2. not all rivers in the Philippines are polluted
3. Philippine rivers could no longer sustain life
4. The rivers in the Philippines are polluted
5. Rivers in Luzon and Visayas are unsafe for fishing and recreational purposes

9. In being economical, one must decide where the best place to begin really in some families engage in petty economic that requires effort disproportionate to the _____.

- | | |
|------------------------|----------------|
| 1. happiness gained | 4. money saved |
| 2. sacrifice made | 5. time spent |
| 3. resources conserved | |

10. Education is not a preparation for life, it is life itself.

1. education has no beginning or end
2. education does not prepare us for life
3. education is useless when we have short life
4. we do not need to study, we only need to live
5. the sum total of our happiness is the source of life-long learning

LOGICAL ANALYSIS

1. Mitch is probably a pianist. She can really stretch her hand and fingers.

1. only people with big hands and long fingers can be pianist.
2. **playing the piano helps Mitch stretch her hands and fingers**
3. stretching helps pianist perform
4. a long stretch enables to read more, keep in the piano

2. Chris is a responsible man, He takes good care of his family.

1. taking good care of the family is the responsibility of men
2. **responsible men take good care of their families**
3. the family is responsible for taking care of men
4. a good family produces responsible men

5. a responsible person has a good family

3. All flowers are fragrant. Some flowers are brightly colored. The gumamela is a kind of flower, the sabila is not a kind of flower.
 1. **some brightly colored flowers are fragrant**
 2. the sabila is not brightly colored
 3. the sabila is not fragrant
 4. the gumamela is brightly colored
 5. the gumamela is fragrant

4. If fishes cannot breed, they will die. Coral reefs are the only breeding places of fishes. All coral reefs will be destroyed by 20 years from now.
 1. now species of fishes will appear
 2. a coral reefs will form in the deepest sea
 3. seas and oceans will have higher contact
 4. fishes will be very expensive
 5. **fishes will cease to exist**

5. Joel's poem are modernistic, since they deal with complicated subject matters.
 1. complicated subject matters are intellectually stimulating
 2. complicated subject matters are suited to modernistic poetry
 3. **modernistic poetry is intellectually pretentious**
 4. modernistic poetry depicts true to live events
 5. none of these

6. What power that can be delegated by the President?
 1. pardon power
 2. military power
 3. judicial power
 4. executive power
 5. legislative power

7. In 1987 Constitution, what government agency is given the highest priority budget?

1. DND	3. Agriculture	5. NEDA
2. Health	4. Education	

8. What government organization is controlled by the Local Government?
 1. DILG

2. House of Speaker
 3. Senator
 4. Congressman
 5. Ombudsman
9. What kind of gas that should be recycled/reusable?
1. kerosene
 2. LPG gas
 3. natural gas
 4. biogas
 5. others
10. What will you say, or suggest, or what will you do if you see hundred of papers floating on the river?
1. collect it as souvenir
 2. let the fishes eat all the papers
 3. papers can be recycled
 4. biodegradable
 5. none of these
11. If points M, N, O and P are arranged in such a way that three of them lie in a line, how many lines are there?
1. 4
 2. 5
 3. 6
 4. 8
 5. 10
12. Find the correct number that replaces the number that breaks the pattern of the series : 405, 135, 35, 15, 5
1. 35
 2. 45
 3. 55
 4. 30
 5. 15

IDIOMATIC EXPRESSIONS

1. They were able to WEATHER the storm.
 1. reached home safely
 - 2. survived the crisis**
 3. defeated the enemies
 4. realized their mistakes
 5. predicted the calamity
2. TRUST men and they will be true to you.
 - 1. a man is loyal in whom confidence had been placed**
 2. man must trust you to be faithful to you
 3. a secret is a test of friendship
 4. destruct the people justifies their deserving

5. trust all men in everything or more in anything

3. CUT your coat to your cloth.

1. walk in accordance with your ability
2. **desire only what you can afford**
3. patronize first your own product
4. express only relevant ideas
5. dress up according to the accessories

4. Paddle your own CANOE.

1. always tries his best
2. earn his own money
3. have self-respect
4. learn from his mistakes
5. **be self-reliant**

5. This report leaves much to be DESIRED.

1. **satisfactory**
2. longed
3. important
4. legible
5. ready

6. He was man of PRINCIPLE.

1. popular
2. forceful
3. hardworking
4. noble
5. **righteous**

7. She is running up an ACCOUNT with the store.

1. keep the books of the store
2. is paying her bills all in the store
3. **is buying many things in credit**
4. works as part-time accountant
5. spends much buying unnecessary things

8. STRIKE while the iron is hot.

1. use his physical and mental power
2. **make the most of every opportunity**
3. solves any problems immediately
4. use his time wisely
5. work hard all the time

9. In union, there is STRENGTH.

1. **power is gained through justification**
2. those who wait cannot be defeated
3. a person should not try to crash the world on his shoulder
4. one clerk cannot run a large office
5. man who rise fight hard be little

10. Deep sea fishing, he is an OLD MAN.

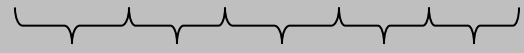
1. broad-minded
2. unable
3. experience
4. **inefficient**
5. unstilled

NUMBER SERIES

1. 4.16 5.25 6.36 7.49 8.64 _____.

- | | | |
|---------|---------|---------|
| 1. 9.36 | 3. 8.81 | 5. 7.72 |
| 2. 9.81 | 4. 6.64 | |

Answer: Taking/comparing the difference of each number from its predecessor..
(*minuend – subtrahend = difference*) Take note of their progression: each difference is .02 higher than its predecessor. The next number of the series should have 1.17 or $1.15 + 0.02$ difference from the last number.

4.16	5.25	6.36	7.49	8.64	_____.
					
1.09	1.11	1.13	1.15	(1.17)	

The answer should be $8.64 + 1.17 = 9.81$

2. 5 6 10 19 35 60 _____.

- | | | |
|-------|-------|-------|
| 1. 98 | 3. 96 | 5. 36 |
| 2. 86 | 4. 72 | |

Answer: Taking/comparing the difference of each number from its predecessor, you'll notice that the difference is of special property. They are all squares of a number.

5	6	10	19	35	60	_____.
---	---	----	----	----	----	--------

$$\begin{array}{cccccc}
 \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} \\
 1 & 4 & 9 & 16 & 25 & 36 \\
 1^2 & 2^2 & 3^2 & 4^2 & 5^2 & 6^2
 \end{array}$$

The next number should be: add 6^2 to the previous number.

The answer is $60+36=96$.

3. $\frac{4}{3}$ $-\frac{2}{3}$ $-\frac{1}{3}$ $\frac{1}{6}$ $-\frac{1}{12}$ $-\frac{1}{18}$ _____.

1. $\frac{4}{3}$ **3. $\frac{1}{36}$** 5. $-\frac{3}{4}$

2. $\frac{2}{3}$ 4. $\frac{1}{3}$

Answer: Just divide the number by 2 and alternate the +/- signs one + and two - or +, -, -, +, -, -, +...

$$\frac{4}{3} \div 2 = \frac{2}{3}$$

$$\frac{2}{3} \div 2 = \frac{1}{3}$$

$$\frac{1}{3} \div 2 = \frac{1}{6}$$

$$\frac{1}{6} \div 2 = \frac{1}{12}$$

$\frac{1}{12} \div 2 = \frac{1}{24} \rightarrow$ Uh oh.. This must be a clerical error on the examiner part but do not let it distract you.. Assume that the answer is $\frac{1}{18}$..

$$\frac{1}{18} \div 2 = \frac{1}{36} \text{ but The true answer should be } \frac{1}{48}..$$

4. .25 1 5.25 6 _____

1. 10.25

3. 15.75

5. none

2. 12.25

4. 13.25

Answer: Observe the series, it is obvious there is a pattern because xx.25 and a whole number is repeated. Taking the difference of the numbers inside the series,

$$\begin{array}{ccccccc} .25 & & 1 & & 5.25 & & 6 \\ \underbrace{\hspace{1.5cm}} & \underbrace{\hspace{1.5cm}} & \underbrace{\hspace{1.5cm}} & \underbrace{\hspace{1.5cm}} & \underbrace{\hspace{1.5cm}} & & \\ .75 & & 4.25 & & 0.75 & & \end{array}$$

The next number should have a 4.25 difference from number 6, so the answer is $6+4.25 = 10.25$

PROBLEM SOLVING

1. What is the greatest numerical value?

1. $\frac{3}{8}$

3. $\frac{3}{4}$

5. $\frac{2}{3}$

2. $\frac{5}{6}$

4. $\frac{1}{3}$

Answer: If you are good at converting fractions into decimals, this problem would be easy.
Review: Division/ Fraction e.g. 1) $3 \div 8$

$$\begin{array}{r} 0.375 \\ 8 \overline{) 30} \\ \underline{-24} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

Converting the fractions to decimals:

1) 0.375

2) 0.833

3) 0.75

4) 0.333

5) 0.666

2. What is the standard numerical value for 3.54×10 the 5th power?

1. 35,400

3. 354,0000

5. 0.354

2. 0.000354

4. 0.00354

Answer: Review Scientific numbers and Exponents. This is a very easy problem. For starters, if there is a $\times 10^x$ or $\times 10$ the X^{th} power, deal with it first. You'll just multiply the 10 by itself Xth times, or $10 \times 10 \times 10 \times 10 \times 10 \times \dots 10$, and multiply that to the other given number in the problem. In the problem, it is a $\times 10^5$, you'll need to multiply 10, 5 times.. $10 \times 10 \times 10 \times 10 \times 10 = 100,000$. Notice that the result has 5 zeros, That would make the problem a lot easier. Multiplying 100,000 to 3.54 gives us 354,000. Notice how the decimal point was moved 5 steps to the right, which makes the problem faster to solve if you meet this in the actual civil service exam, you'll just move the decimal point X steps to the right(if positive) and to the left (if negative).. The answer has another clerical error. Be open minded for possible errors while answering the actual exam.

3. Which of the following has the least numerical value?

1. $6+3 \times 4$

3. $4 \times 6 +3$

$3 +6 \times 4$

2. $4+3 \times 6$

4. $3 \times 6+4$

This is an MDAS problem. In algebra, MDAS plays an important role in solving the problem. By studying the problem, or by trying to answer it through MDAS in my mind, I noticed that choices 3 and 5, 4 and 2 will give the same answer, which leaves choice one as the only possible answer.

4. The formula for converting Fahrenheit thermometer reading to centigrade reading is $C = \frac{5}{9} (F - 32)$. What is the equivalent of 95 degrees Fahrenheit?

1. 35

3. 45

5. 30

2. 40

4. 50

This is a simple substitution problem. Just substitute 95 degrees Fahrenheit in the formula.

5. A farmer has seven hectares of land for rice production. What should be the average yield in cavans per hectare of the land to produce a total of 525 cavans?

1. 50

3. 85

5. 92

2. 75

4. 90

6. Mang Romy can climb a coconut tree at the rate of 10ft. per minute and return at 20 ft. per minute. If it took him 3 minutes to climb and return. What is the height of the coconut?

1. 10ft.

3. 18ft.

5. 25ft.

2. 15ft.

4. 20ft.

There are lots of ways to answer this problem.

- a. One way is by guessing. It is obvious that the answer is 20 ft because it would give him 2 minutes to go up given the speed of 10 ft per minute and 1 minute to go down given the speed of 20 ft/min.
- b. One way is by elimination - by solving for the time it will take for Mang Romy to finish each choices. We will be finding for an answer of three minutes using the given speeds.
1. 10 ft – will take him 1 minute to go up and half minute to go down. A total of 1.5 mins.
 2. 15 ft – will take him 1.5 minutes to go up and 0.75 minutes to go down. A total of 2.25 mins.
 3. 18 ft - will take him 1.8 minutes to up and 0.9 minutes to go down. A total of 2.7 mins.
 4. 20 ft – will take him 2 minutes to go up and one minute to down. A total of 3 mins.
 5. I don't have to solve for choice 5. The answer is already 4.
- c. By algebra: $\frac{x}{10} + \frac{x}{20} = 3$ mins , formula construction takes a little time if you don't like math. This takes a little effort and practice.

7. Basketball team lost 40% of its first 40 games, how many of its remaining 20 games, must it win to raise its winning percentage to 65%

1. 15

3. 16

5. 20

2. 12

4. 14

Answer: Analyze the problem first.

First Point: 40% of the first 40 games was lost. They lost 16 games (0.40×40) of the first 40 games, which also means they won 24 games.

Second Point: There are still 20 games left to play. A total of 60 games over-all.

Third Point: The team must win 65% of the total game played or 65% of 60 games, which is a total of 39 games won. They already won 24 games in the first 40 games, so the only need to win 15 games to make their winning 65%.

8. The sum of 3 numbers is 94, if the first number is $\frac{3}{5}$ of the second number and the second number is $\frac{4}{3}$ of the third. What are the three numbers?

1. 20, 44, 30

3. 15, 40, 35

5. 24, 40, 30

2. 24, 30, 35

4. 22, 42, 30

Long Solution: We are looking for three numbers. Let x , y , and z be the first, second and third numbers. You have 3 unknowns, meaning you have to construct 3 equations from the word problem to solve the it.

Equation 1: $x + y + z = 94$

Equation 2: $x = \frac{3}{5}y$

Equation 3: $y = \frac{4}{3}z$

To solve one unknown, you need to make a one equation out of the 3 equations. Let's say we want to solve for x . The next step is to find a way to relate y and z to x in equation 1 using equation 2 and 3.

Equation 2: Cross multiplying to get y in terms of x :

$$y = \frac{5}{3}x$$

Equation 3: Cross multiplying to get z in terms of y:

$$z = \frac{3}{4}y$$

Substituting y in equation 2 to get z in terms of z:

$$z = \frac{3}{4}\left(\frac{5}{3}x\right) = \frac{5}{4}x$$

Equation 1: $x + \frac{5}{3}x + \frac{5}{4}x = 94$

Simplifying the equation: $\frac{12x+20x+15x}{12} = 94$; $\frac{47x}{12} = 94$; **$x = 24$**

Solving for y: $y = \frac{5}{3}x$; $y = \frac{5}{3}(24)$; **$y = 40$**

Looking at the choices it is obvious that the answer is choice 5, you don't have to solve for z.

Short Solution:

First: Eliminate the choices. 3 numbers should add up to 94.

1. $20+44+30 = 94$ OK
- ~~2. $24+30+35 = 89$ NOT OK~~
- ~~3. $15+40+35 = 90$ NOT OK~~
4. $22+42+30 = 94$ OK
5. $24+40+30 = 94$ OK

You only have 3 choices left.

Second: Test the remaining choices. The 1st number should be three-fifth of the 2nd number.

1. 20 should be three-fifth of 44; $44\left(\frac{3}{5}\right) = 26.4 \therefore \neq 20$
2. 22 should be three-fifth of 42; $42\left(\frac{3}{5}\right) = 25.5 \therefore \neq 20$
3. 24 should be three-fifth of 40; $40\left(\frac{3}{5}\right) = 20 \therefore$ *this choice is the correct answer*

9. A certain elevator has a maximum weight capacity of 1,300 lbs. If 5 employees with an average weight of 120 lbs. entered the elevator with a box weighing 250 lbs. How much is the additional weight?

1. 450

3. 425

5. 500

2. 350 4. 550

Answer: The problem is a problem itself. You have to assume that there is another weight added aside from the 5 employees and the 250lb box. The problem should be how much additional weight could be added to fully load the elevator?

- 10. In one bag of chicken feeds there are 24 chickens eating it in 45 days. In how many days do 15 chickens consume the feeds?**

1. 60 **3. 72** 5. 64
2. 90 4. 80

Answer: This problem is a tricky one. In our Engineering Board Exam, there are lots of problems like this. This is my favorite. This type of problems are work related, this is called man-days or man-hours problem. As to this problem, it is chicken-days problem.

$$24(45) \text{ chicken-days} = 15x \text{ chicken-days}$$

$x = 72 \text{ days}$

- 11. Two planes travel from opposite direction. Plane A travel 70 kph from one direction and Plane B travel from opposite direction at the rate of 90 kph. If the distance is 640 km. In how many hours the two planes intersect?**

1. 1 3. 3 5. 5
2. 2 **4. 4**

Solution: You need to draw this one, in order to analyze it better. Two planes meet at some point along the 640 km. Which means that if you add the distance of Plane A at that time to that of Plane B, you'll get 640 km.

$$70t + 90t = 640 ; \quad 160t = 640 ; \quad \textbf{t = 4 hours}$$

12. There two planes fly in two directions one is flying for East direction with the rate of 300kph and other is for West direction with the rate of 360 kph. In how many minutes if they are 660 km apart?

1. 60 min.

3. 90 min

5. 150 min.

2. 120 min

4. 100 min

This is just a trick question. The answer is obvious. In one hour, they'll be 660km apart. Many examiners would not finish reading the problem because they would think from the start that the problem is hard.

13. If $\frac{2}{3}$ of employees of a company are women and $\frac{1}{4}$ of the remaining employees are married and the rest are 9 bachelors. What is the total number of employees?

1. 32

3. 38

5. 25

2. 42

4. 36

Solution:

Statement 1: $\frac{2}{3}$ are women, which also means $\frac{1}{3}$ are men

Statement 2: $\frac{1}{4}$ of the men are married, which also means $\frac{3}{4}$ of men are bachelor

Statement 3: 9 are bachelor, which is $\frac{3}{4}$ of the men population. Which means that there are only 12 men of the total population. Since men is only $\frac{1}{3}$ of the population, the total population would be 12 times 3, which is 36.

14. Find the square of the number in the number series which appears most of the time.

7 3 4 5 6 1 7 2 3 7

1. 3

3. 9

5. 49

2. 6

4. 36

Solution: 7 appears 3 times. $7^2=49$

15. A man bought ten ball pens at P25.00 each and five wallet at P50.00 each and the last is three towels at P70.00 each. What is the smallest amount of money so he can buy all items?

1. P650.00

3. P750.00

5. P850.00

2. P700.00

4. P800.00

The total items add up to P710 (250 for 10 ballpens, 250 for 5 wallets and 210 for 3 towels)

16. The merchandiser bought 55 copies of books cost P3, 300.00 and add six copies more. How much should he pay for all the books?

1. P3, 380.00

3. P3, 660.00

5. 3, 310.00

2. P3, 360

4. P3, 920.00

17. The showing of the movie starts at 6:18 P.M., and it will last at 8:05. How many minutes does the movie showed?

1. 103

3. 107

5. 157

2. 123

4. 143

18. Three tickets of musical concert cost P714. How much a dozen of tickets cost?

1. P2, 469

3. P2, 964

5. 4, 325

2. P2, 946

4. P3,269

Again, there is missing in the problem or the problem is erroneous. However, if you divide all choices with 12 or 1 dozen, only choice 3 will give us a whole number, therefore, it must be the answer.

19. The length of rectangular lot is one less than twice its width. If the perimeter is 16cm., what is the width of the lot in centimeter?

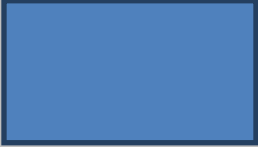
1. 1

3. 3

5. 5

2. 2

4. 4



$L = 2W - 1$

$2L + 2W = 16$

$2(2W - 1) + 2W = 16$

$4W - 2 + 2W = 16$

W

$6W = 18 ; \quad W = 3$

20. The width of a rectangular lot is X meters and its length is 5 meters more than its width. If its dimensions are decreased by 2 meters, then its area will decrease by_____.

1. 4 sq.m


3. $4x + 6$ sq. m

5. none of this

2. $x^2 + (x - 6)$ sq.m

4. $2x - 3$ sq.

SOLUTION: Sketch the rectangle



$L = X + 5$

$\text{Original Area} = X^2 + 5X$

$\text{Original Area} = LW = (X + 5)X$

$W = X$

$\text{New Area} = (L - 2)(W - 2) = (X + 3)(X - 2)$

$\text{New Area} = X^2 + X - 6$

$\text{Decrease} = \text{Orig} - \text{New Area}$

$$\text{Decrease} = X^2 + 5X - (X^2 + X - 6)$$

$$\text{Decrease} = \cancel{X^2} + 5X - \cancel{X^2} - X + 6$$

$$\text{Decrease} = 4X + 6 \text{ sq. m.}$$

21. Two planes X and Y are 180 miles apart and moving from opposite direction at a rate of 20 and 30 miles per hour respectively. How many miles is covered by the slower plane when they intersect?

1. 50 miles

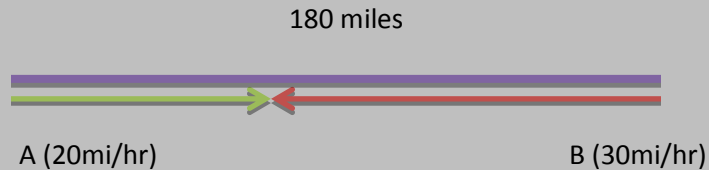
3. 90 miles

5. 80 miles

2. 72 miles

4. 60 miles

Solution: Since they will just intersect each other, the 180 mi. will just be divided by the two planes. We can use ratio and proportion, the distance covered by X will be $\frac{2}{5}$ of the 180mi. and Y will be $\frac{3}{5}$ of the 180mi. $\frac{2}{5}$ of 180 = 72mi.



Logic:

1. The whole distance 180mi. will be covered by A and B. at the rate of A+B or 50 mi/hr.
2. Since only A's distance was asked, 20 out of the 50 mi/hr rate was covered by A.

22. The length of an envelope is $24 \frac{1}{5}$ cm.. Three holes at $11 \frac{1}{5}$ cm. Apart are placed at the center of the envelope. How far apart is the side of the envelope to the first hole in centimeter?

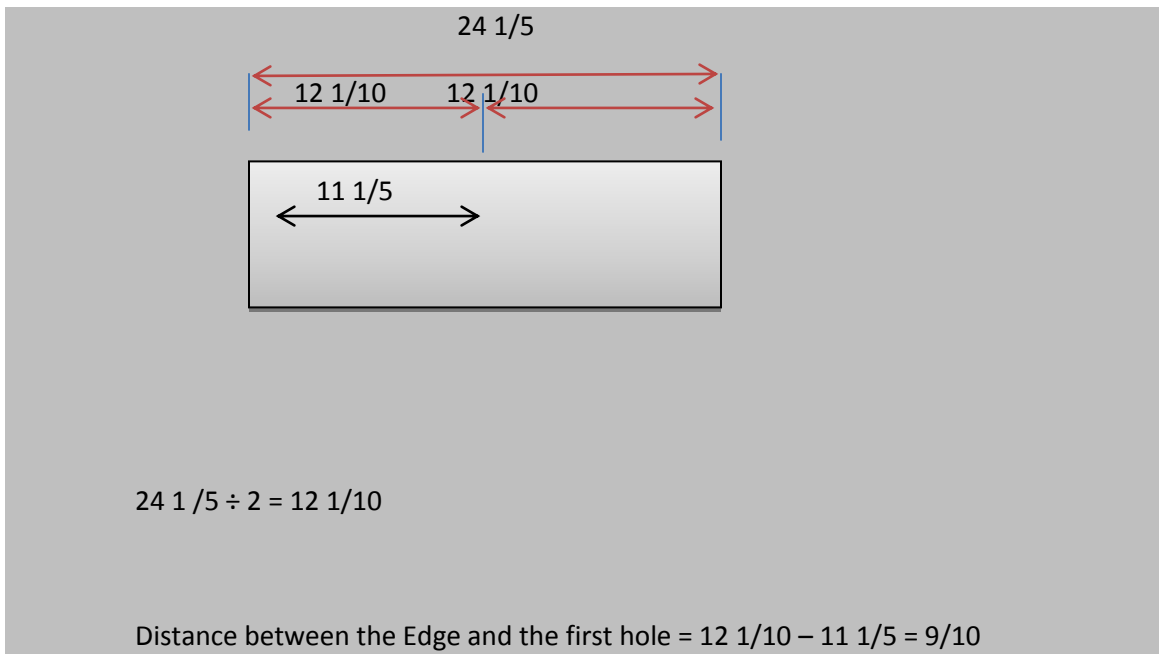
1. **$\frac{9}{10}$**

3. $1 \frac{1}{5}$

5. 13

2. $\frac{7}{10}$

4. $12 \frac{1}{10}$



23. 4% of 510 lbs. Of sea water is salt. How much pure water is to be extracted to make it contain 17% salt?

1. 220 lbs.

3. 397 lbs.

5. 290lbs.

2. **390 lbs.**

4. 107.1 lbs.

Solution:

4% of 510 bs is salt, meaning, 20.4 lbs are salt.

When would 20.4 lbs salt be 17% of the Sea Water?

Answer: $20.4/0.17 =$ when the Sea Water is 120lbs.

Question: How much pure water is to be extracted to make it contain 17% salt?

Answer: $510 - 210 \text{ lbs} = 390 \text{ lbs}.$

24. The population of the present time is 20% less than the previous population. If the present population is 4, 000. What is the previous population?

1. 5, 000

3. 4, 200

5. 8,000

2. 5, 200

4. 5, 800

Solution:

$$0.8 X = 4,000 \quad X = 4,000/.8 = 5,000$$

CULTURE SHOCK

Selection		Options
Antropologist have coined the term "cultures shock" to describe the effect that immersion in the strange culture <u>1</u> unprepared	1.)	1. has upon the visitor who is unprepared 2. is having on the visitor 3. has on the unprepared 4. has in the unprepared 5. have on the unprepared
visitor		
visitor		
visitor		
It is what happens when familiar psychological Clues that help an individual to function in ones Society are suddenly withdrawn and <u>2</u> new ones That are alien and incomprehensible.	2.)	1. is replaced by new ones 2. were replaced by new 3. are being replaced with 4. replaced by new ones 5. to be replaced by new
ones		
But most travelers <u>3</u> that the culture knowledge	3.)	1. have the comforting 2. have the comfortable 3. have the knowledge that is comforting 4. are comforted through the knowledge 5. find knowledge comforting
knowledge		
Will I be there <u>4</u> . The victim of future	4.)	1. returning to them 2. to return back to 3. when they return back 4. to return to 5. waiting for their return
<u>5</u> rate of change within a society.	5.)	1. produced from the great accelerated 2. produced of the greatly acceleareated 3. a product produced by the greatly accelerated 4. a product of the greatly accelerated 5. a product of the great accelerated
<u>6</u> the superimosition of a new culture	6.)	1. It rises from

2. It arose from
3. It arises from
4. It has risen from
5. It has been rising from

But its impact is ____7____

- 7.)
1. very worse
 2. far worse
 3. the worst
 4. far worst
 5. surely worst

Take an individual out of his own culture
suddenness
And ____8____ in an environment sharply different
suddenly
From his own,

- 8.)
1. set him down with
 2. seat himself down
 3. sat down suddenly
 4. set him down suddenly
 5. suddenly sit him down

then cut him off ____9____ to a more familiar
social landscape, and the dislocation he
suffers is double sever.

- 9.)
1. from any hope of retreat
 2. from no hope of retreat
 3. with any hope of retreating
 4. with no hope to retreat
 5. from having any hope of

retreat

Moreover, if this new culture is itself in
incessantly
constant turmoil, and if worse yet ____10____
the sense of orientation will still be further
intensified

- 10.)
1. their values are
changed
 2. its values are changed
incessantly
 3. the values it has are not
changed
incessantly
 4. its values are incessant
changes
 5. its values are incessantly
changing

MASS COMMUNICATION MEDIUM

Selection

A mass communication medium like television,
in the
For example, ____1____ a country fragmented
By tribal.
to

Options

- 1.)
1. can be use to help
unification
 2. is of use for helping
unity
 3. can be used for
helping in

		unifying
		4. can be used to help unify
		5. has for its use to help unify
loyalties, customs, culture or simple geographic people	2.)	1. that inform the
barriers, Programs ____2____ about national		2. that gave
purposes and	information to	the people
		3. which purpose is to inform
		the people
		4. that supply the people with information
		5. which aims to inform the people
national problems might help unite the people and put damper on the divisive forces ____3____	3.)	1. busily at work
country		2. of work in the
country		3. at work in the
in the		4. which are at work
		country
	the	5. that help work in
		country
A national mass communication television network also can help ____4____. On the other the	4.)	1. the language standardization of
hand modes of		country
		2. standardizing the language of the country
		3. the country's standardization of language
		4. in standardizing the language in the country
		5. standardize language in the country
personal communication ____5____ the means out	5.)	1. can balance neatly
		2. neatly balances out
		3. neatly balance out

out

balance out

of people, each person talking on the telephone
_____6_____ his individual traits and identify, the
the things that make him unique as a person.
retain

in developing countries, establishing such balance
exactly as should be an important consideration.
If we can be sure of one thing, it is that communications
exactly like in the new nations _____7_____
did in the
exactly

United States and other Western nations. The
ability
older nations invested in the telegraph, in the
to
telephone, and in television in a random
piece-meal fashion without knowing where
position to their steps would lead them, the newer
nations _____8_____
make

make
a more considered, conscious choice.
unique Benefiting by the past mistakes of the older
opportunity
nations, today's new nations _____9_____
opportunity
in the field of communications.

unique

In fact, they _____10_____ some of the most advance
develop

4. is neatly balancing

5. serve to neatly

- 6.)
1. could still retained
 2. is able to retain still
 3. has the ability to
 4. is still retaining
 5. can still retain

- 7.)
1. will not evolve
They
 2. will not evolve
they
 3. are not to evolve
as they
 4. do not evolve as
they
exactly
 5. have not evolve
exactly as
they

- 8.)
1. should make with
 2. will have the ability
make
 3. will be in certain
make
 4. can be able to
 5. will be able to

- 9.)
1. are facing up a
 2. face a unique
 3. have to face a
opportunity
 4. face a more
unique
opportunity
 5. still face a most
unique
opportunity

- 10.)
1. might be able to

And most sophisticated communications
System in the world.

position to

2. might develop
3. can, with ability
4. might be in a
- develop
6. should developed

VOCABULARY

1. ABRADES - to wear away by friction; to wear down in spirit; irritate
2. ACQUESCED - concerted; agreed; assented; acceded; accepted; complied
3. ANONYMITY - of unknown or undeclared origin or authorship
4. ASTOUNDED - amazed; shocked; alarmed
5. DETERIOUS (deteriorate) – to impair; to grow; worse/to frighten; to turn aside; discourage or
prevent from aching (as by fear); inhibit
6. DURESS - compulsion by threat; restraint
7. FIDGET (ED) - restlessness; to move about restlessly
8. GARB - a dress; to clothe; style of dress; outward form; appearance
9. IMMOLATE - to kill as a sacrificial victim
10. JEOPARDY - hazard; danger; peril; risk; exposure to death, loss, or injury
11. LISTLESS (LY) - languid; inattentive; spiritless
12. LUGURBRIOUS - sorrowful; mournful often to an exaggerated degree
13. MILIEU - environment setting; status
14. PINNACLE - a thin turret; a spire or high peak; acme turret-a small tower
15. POSIT - to assume the existence of; postulate – to assume as true

NUMBER ANALOGY

23. 0.75 is to $\frac{3}{4}$ as 0.8 is to _____

1. $\frac{2}{3}$
2. $\frac{4}{5}$
3. $\frac{5}{6}$
4. $\frac{6}{7}$
5. $\frac{3}{5}$

24. 75% is to $\frac{1}{2}$ as 45% is to _____

1. $\frac{3}{11}$
2. $\frac{3}{10}$
3. $\frac{3}{4}$
4. $\frac{2}{3}$
5. $\frac{3}{5}$

25. 0.25 is to 0.125 as 1.25 is to _____

1. 0.625 2. 1.125 3. 1.625 4. 2.125 5. 6.250

26. 2 is to 50 as 3.2 is to _____

1. 60 2. 70 3. 80 4. 90 5. 160

27. 14 is to 28 as 5 is to _____

1. 7 2. 8 3. 9 4. 10 5. 15

28. 1 is to $\frac{1}{4}$ as $\frac{5}{25}$ is to _____

1. $\frac{1}{16}$ 2. $\frac{1}{18}$ 3. $\frac{2}{6}$ 4. $\frac{3}{4}$ 5. $\frac{1}{20}$

29. 0.35 is to 7 as 0.45 is to _____

1. 8 2. 9 3. 12 4. 14 5. 0.9

30. $\frac{1}{3}$ is to $\frac{2}{18}$ as $\frac{1}{12}$ is to _____

1. $\frac{2}{72}$ 2. $\frac{2}{48}$ 3. $\frac{3}{36}$ 4. $\frac{3}{25}$ 5. $\frac{1}{72}$

31. $\frac{3}{8}$ is to $\frac{12}{32}$ as $\frac{2}{5}$ is to _____

1. $\frac{8}{20}$ 2. $\frac{10}{23}$ 3. $\frac{6}{13}$ 4. $\frac{4}{6}$ 5. $\frac{5}{6}$

32. $\frac{1}{3}$ is to $\frac{3}{7}$ as $\frac{1}{6}$ is to _____

1. $\frac{3}{14}$ 2. $\frac{1}{5}$ 3. $\frac{1}{4}$ 4. $\frac{1}{3}$ 5. $\frac{1}{2}$

33. 0.4 is to $\frac{2}{5}$ as 0.6 is to _____

1. 20 2. $\frac{4}{5}$ 3. $\frac{3}{10}$ 4. $\frac{3}{5}$ 5. $\frac{1}{5}$

34. 0.2 is to 0.4 as 0.3 is to _____

1. 0.009 2. 0.0009 3. 0.09 4. 0.9 5. 9.0

35. 8 is to 2^3 as 27 is to _____

1. 3^3 2. 5^3 3. 9^3 4. 3^9 5. 4^3

36. 0.5 is to $\frac{1}{2}$ as 0.65 is to _____

1. $\frac{11}{20}$ 2. $\frac{13}{20}$ 3. $\frac{15}{20}$ 4. $\frac{17}{20}$ 5. $\frac{14}{20}$

37. $\frac{1}{3}$ is to 3 as $\frac{2}{8}$ is to _____

1. 2 2. 4 3. 6 4. 8 5. 10

38. 30% is to $\frac{3}{5}$ as 80% is to _____
1. $1\frac{1}{5}$ 2. $1\frac{2}{5}$ 3. $1\frac{3}{5}$ 4. $1\frac{4}{5}$ 5. 2
39. 0.30 is to 0.075 as 0.15 is to _____
1. 0.000375 2. 0.00375 3. 0.0375 4. 0.375 5. none
40. $\frac{2}{5}$ is to 20% as $\frac{3}{4}$ is to _____
1. 35.5% 2. 37.0% 3. 37.5% 4. 39.0% 5. 36.5%
41. 625 is to 81 as 5 is to _____
1. 3 2. 4 3. 6 4. 9 5. 0.648
42. 8 is to 11 as 36 is to _____
1. 49.50 2. 55.00 3. 59.50 4. 65.00 5. 69.50
43. 2 is to 2.5 as 4 is to _____
1. 3 2. 5 3. 7 4. 9 5. 6
44. 2 is to 8 as 4 is to _____
1. 18 2. 32 3. 36 4. 66 5. none

PROBLEM SOLVING

40. Miss Roxas bought 20 blouses for P1800 and marked them to sell at P110 each. After selling 16 pieces at this rate, she decided to sell the remaining blouses at a lower price. At what price may she sell each remaining blouse and still realize a gross profit of P360 on the 20 blouses?
1. P100 2. P105 3. P110
4. P115 5. P120
41. The Philippines and 19 other Asian nations decide to cut their oil consumption by two million barrels a day. If this is 5% of their daily oil consumption, how many barrels are consumed by these countries in one day?
1. 400,000 2. 10,000.00 3. 40,000.00
4. 100,000.00 5. 400,000.00
42. A development project which was financed by ecological organizations amounted to P 3.6 million. If there had been two more contributors, and the expenses were

shared equally, it would have cost each organization P300,000 less. How many organizations contributed to the project?

- | | | |
|------|-------|------|
| 1. 3 | 2. 4 | 3. 6 |
| 4. 9 | 5. 12 | |

43. There are 36 reams of mimeographing paper in the drawer. If $1\frac{1}{4}$ dozens of reams of paper were to be used in printing, how many reams should be left in the drawer?

- | | | |
|-------|-------|-------|
| 1. 15 | 2. 20 | 3. 21 |
| 4. 22 | 5. 23 | |

44. A group of men went on fishing trip, agreeing that each should pay the same amount. The total bill was P168. If there had been two fewer men, each man would have had to pay 2 pesos more. How many men went fishing?

- | | | | | |
|-------|-------|-------|-------|------|
| 1. 15 | 2. 14 | 3. 13 | 4. 12 | 5. 8 |
|-------|-------|-------|-------|------|

45. The ceiling of a building, 18 meters by 15 meters, is to be painted. How many gallons of paint are required for this ceiling if a gallon can cover 15 square meters?

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. 15 | 2. 18 | 3. 20 | 4. 27 | 5. 36 |
|-------|-------|-------|-------|-------|

46. A square and a rectangle have equal areas. If the rectangle is 36 by 16, what is a side of a square?

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. 24 | 2. 26 | 3. 29 | 4. 34 | 5. 36 |
|-------|-------|-------|-------|-------|

47. Ana gets a commission of 10% for each bottle of lotion she sells. If a bottle of lotion sells for P87.50, how many bottles will Ana have to sell to receive a commission of P210?

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. 20 | 2. 24 | 3. 36 | 4. 38 | 5. 40 |
|-------|-------|-------|-------|-------|

48. What is the sum of series of arithmetic progression having a common difference of 3.5, if the first term is 0.5 and the last term is 25?

- | | | | | |
|----------|----------|---------|----------|------------------|
| 1. 17.15 | 2. 25.55 | 3. 53.4 | 4. 174.5 | 5. none of these |
|----------|----------|---------|----------|------------------|

49. If the sum of 5 consecutive numbers is 95, what is the third number?

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. 17 | 2. 18 | 3. 19 | 4. 20 | 5. 21 |
|-------|-------|-------|-------|-------|

50. Two numbers are in the ratio of 3 to 5. The lesser number is 42. Find the greater number.

- | | | | | |
|-------|-------|--------|--------|--------|
| 1. 70 | 2. 75 | 3. 112 | 4. 126 | 5. 252 |
|-------|-------|--------|--------|--------|

51. The total area of a cube is the sum of its lateral area and the area of its bases. If the edge of a cube is 4, find its total area.

1. 96 2. 64 3. 48 4. 32 5. 24

52. If a can of paint will cover approximately 60 square yards, what length of the wall can be painted if the wall is 8 feet high?

1. 12 feet 2. 10 feet 3. 6 feet 4. 5 feet 10 inches 5. none of these

53. One million is to be divided among the 3 children of a widower in the ratio of 10:12:18. By how much is the largest share greater than the smallest share?

1. P300,000 2. P200,000 3. P150,000
4. P100,000 5. P50,000

54. Division and section heads of agency Y who come late during their monthly staff meetings are fined. The first latecomer pays P0.50, the second latecomer pays P1.00, the third pays P1.50, the fourth pays P2.00 and so forth. If 13 came late during their last meeting, how much money was collected from them?

1. P6.50 2. P P45.50 3. P65.00
4. P84.50 5. P104.50

55. The first day, a contractor hired 11 carpenters, 3 masons and 5 helpers. The second day, he hired 6 carpenters, 5 masons and 2 helpers. The third day, he hired 5 carpenters, 3 masons, and 3 helpers. If his payroll was 194 the first day, P137 the second day, and P112 the third day, how much did he pay each mason a day?

1. P8 2. P29 3. P10
4. P12 5. none of these

56. In an illustration, one unit represents a line 85 centimeters long. How many meters long of a line will be represented by 150 units?

1. 1.275 2. 12.75 3. 127.50
4. 1,275 5. 12,750

57. If the management of a parking lot charges its customer P10.00 for the first two hours and P5.00 for each additional hour or a part thereof; then the cost for parking for 4 hours and 45 minutes is _____.

1. P15.00 2. P23.75 3. P25.00
4. P35.00 5. P45.00

58. A bureau director has an appointment at 9 A.M. in a nearby province. If he travels at 40 kph., he will arrive at 8 AM. If he drives at 30 kph., he will not arrive until 8:45 A.M. How far away is the province?

- | | | |
|----------|------------|----------|
| 1. 30 km | 2. 37.5 km | 3. 50 km |
| 4. 90 km | 5. 225 km | |

59. Which of the following has the greatest discounts?

1. a discount of $\frac{1}{3}$ of the selling price of P200
2. 33.3% of the selling price of P200
3. 0.3 discount of the selling price of P200
4. a discount of 200
5. none of the above

60. Nena has applied for employment in the next three different countries namely: Hongkong; Malaysia and Brunei. In Hongkong the monthly salary is HK \$500; Malaysia Mal \$300 and Brunei \$200 consider the following:

- | | |
|----------|-----------|
| 1 HK \$ | = P2.90 |
| 1 Br \$ | = P 12.15 |
| 1 Mal \$ | = P 8.40 |

Which country has the best offer?

- | | | |
|----------------------|-----------|-------------|
| 1. Hongkong | 2. Brunei | 3. Malaysia |
| 4. Hongkong – Brunei | 5. All | |

61. Which of the following commodities has the least increase U.S. \$ per pound from 1987 – 1990.

1. copper from 0.63 to 1.14
2. aluminum from 0.62 to 0.63
3. nickel from 1.72 to 3.55
4. zinc from 0.43 to 0.68
5. lead from 0.21 to 0.30

62. Which of the following is the biggest?

- | | | |
|----------------|------------------|---------------|
| 1. 41.2 meters | 2. 4,120 cm | 3. 0.0412 km. |
| 4. 41,200 mm. | 5. all are equal | |

63. A family budget provides that the monthly outlays for food and house is P 1,810.00. If the amount spent for food is three times that of the rent, how much is the monthly rental?

- | | | |
|------------|------------------|--------------|
| 1. P460.00 | 2. P920.00 | 3. P1,560.00 |
| 4. P452.50 | 5. none of these | |

64. After driving $3\frac{1}{2}$ hours, a motorist covered 120 km. At this rate, how long will it take him to drive 360 km.?

- | | | |
|--------------------|--------------------|--------------------|
| 1. $9\frac{1}{2}$ | 2. $10\frac{1}{2}$ | 3. $11\frac{1}{2}$ |
| 4. $12\frac{1}{2}$ | 5. $13\frac{1}{2}$ | |

65. Mrs. Renoso is planning to buy curtains for their new house. She will need 23 floor length pieces, each piece 2 meters and 50 cm. Long. How many meters should she buy.

1. $37\frac{1}{2}$

2. $47\frac{1}{2}$

3. $57\frac{1}{2}$

4. $67\frac{1}{2}$

5. $57\frac{1}{4}$

66. An employee spends about P1,330.00 a month. This sum is 70% of his monthly salary. How much does he receives a month?

1. P1,900.00

2. P2,265.00

3. P2,900.00

4. P2,290.00

5. P2,000.00

67. If a and b are any two positive real numbers, then;

1. $-b \ a+b$

2. $b-a \ a+b$

3. $a-b \ a+b$

4. $a-b \ a+b$

5. none of these

68. Which pair of numbers below has 120 as a product?

1. 7 & 16

2. 15 & 8

3. 18 & 5

4. 25 & 4

5. none of these

69. A certain number is doubled and then divided by 8. If after subtracting 4 from this result, one gets 16, the original number is:

1. 32

2. 48

3. 64

4. 80

5. 70

70. The numerator of a fraction is 4 less than its denominator, if 3 is added both the numerator and denominator, the resulting number is $\frac{3}{4}$. What is the original fraction?

1. $\frac{8}{14}$

2. $\frac{9}{13}$

3. $\frac{9}{12}$

4. $\frac{10}{13}$

5. $\frac{8}{13}$

71. Each box of ballpen contains 24 pieces. If an employee in an office given 3 ballpens. How many boxes will be needed for 168 employees?

1. 17

2. 21

3. 22

4. 25

5. 31

72. An employee who receives P306.00 each payday saves P1.50 of every P9.00 of his earnings. If the employee is paid two times a month, how much he would save after four months?

1. P144.00

2. P204.00

3. P334.00

5. P308.00

3. 13.8

5. 14.5

3. T + (F-M)

5. MT / F

3. 21 yrs. & 5 months

5. 15

5.2.1

5. P37.00

5. 1.2

80. The buying power of 1972's P1 had dropped as of June this year to 35.57 centavos. The present buying power of peso is, how many centavos less than that of 1972?

- | | | |
|----------|----------|----------|
| 1. 64.43 | 2. 65.57 | 3. 75.43 |
| 4. 75.57 | 5. 74.43 | |

81. Divide 196 into 2 parts such that one part is $\frac{3}{4}$ of the other part. What are the two numbers formed?

- | | | |
|-----------|------------------|-----------|
| 1. 100:96 | 2. 108:88 | 3. 112:84 |
| 4. 124:72 | 5. none of these | |

82. The price of a pair of pants is P17.00 more than twice the price of the polo shirt. If the average price of these two items is P83.50, what is the price of the pants?

- | | | |
|---------|---------|---------|
| 1. P100 | 2. P107 | 3. P114 |
| 4. P117 | 5. P120 | |

83. One-third of a certain number added to $\frac{1}{5}$ of the next consecutive number is 5. What is the sum of the two numbers?

- | | | |
|-------|-------|-------|
| 1. 17 | 2. 19 | 3. 20 |
| 4. 21 | 5. 23 | |

84. A man owns a piece of land worth P0.6 million. He is taxed on $\frac{3}{4}$ of its value at the rate of P7.00 per P1,000. How much is he paying for the tax of his property?

- | | | |
|------------|------------|-----------|
| 1. P3,150 | 2. P5,350 | 3. P9,000 |
| 4. P11,000 | 5. P10,000 | |

85. If each side of a square is decreased by 5 centimeters, its area will decreased by 175 square centimeters. Find the side of the original square in centimeters?

- | | | |
|-------|-------|-------|
| 1. 20 | 2. 18 | 3. 15 |
| 4. 22 | 5. 25 | |

86. Twenty-seven school children were asked to form three groups such that the third group has 2 more members than the first group and the second group will have one member less than the third group. How many members will the first group have?

- | | | |
|-------|-------|------|
| 1. 7 | 2. 8 | 3. 9 |
| 4. 10 | 5. 12 | |

87. Concrete posts are to be put along a 560 meters road. If there are 15 posts, what would be the distance in meters between two successive posts?

- | | | |
|-------|------------------|-------|
| 1. 37 | 2. 36 | 3. 40 |
| 4. 49 | 5. none of these | |

88. A fish vendor makes it a point to realize a profit of $12\frac{1}{2}\%$ of his sales. For how much a kilo should he sell 20 kilos of fish costing P320.00?

- | | | |
|-----------|-----------|-----------|
| 1. P15.00 | 2. P18.00 | 3. P16.00 |
| 4. P17.50 | 5. P19.00 | |

89. An employee drive a car at 30 kph from his residence reach his office at 8:00 a.m. If he drives at 7:50 a.m. how far is his office from his residence in km.?

- | | | |
|-----------|-----------|-----------|
| 1. 26 km. | 2. 28 km. | 3. 30 km. |
| 4. 32 km. | 5. 5 km. | |

90. Three stenographers will be selected from a pool of 6 equally qualified stenographers. How many different groups of three stenographers can be selected from the pool?

- | | | |
|-------|-------|-------|
| 1. 10 | 2. 15 | 3. 18 |
| 4. 20 | 5. 22 | |

91. A corporation has 3 vacancies for the positions of Senior Auditor. Out of five candidates, how many groups of three could be chosen to fill the vacancies?

- | | | |
|-------|-------|-------|
| 1. 5 | 2. 6 | 3. 10 |
| 4. 15 | 5. 36 | |

53 All of the following except one are units of measurement in the metric system.

- | | | |
|--------------|----------|------------|
| 1. decimeter | 2. meter | 3. hectare |
| 4. liter | 5. yard | |

54. A messenger traveling at 20 kph. was sent to pick a letter 10 km. away. If this messenger left at 8:30 a.m. rested for 10 minutes along the way, what time will he be back?

- | | | |
|--------------|---------------|--------------|
| 1. 9:40 a.m. | 2. 9:10 a.m. | 3. 8:30 a.m. |
| 4. 9:00 a.m. | 5. 10:00 a.m. | |

55. In an office the ratio of male employee to female employee is 1:3. If there are 12 male employees, how many employees are in that office?

- | | | |
|-------|-------|-------|
| 1. 16 | 2. 36 | 3. 40 |
| 4. 42 | 5. 48 | |

56. In a certain map $\frac{1}{4}$ of an inch represent 10 miles of the actual distance. If two barrios are 2 inches apart in the map, the actual distance between them is:

- | | | |
|-------------|------------------|-------------|
| 1. 10 miles | 2. 20 miles | 3. 60 miles |
| 4. 80 miles | 5. 80 kilometers | |

57. A mother divides $\frac{2}{3}$ of a cake equally among her 4 children. If one cake costs P3.60, the share of each child costs:

- | | | |
|----------|---------|----------|
| 1. P2.00 | 2. 0.60 | 3. P1.20 |
| 4. 0.80 | 5. 0.90 | |

58. A man with 90 meters of fencing wishes to fence off an area in the space of a rectangle. What should be the dimension the enclosed space is to be as large as possible.

- | | | |
|------------|------------|------------|
| 1. 23 x 22 | 2. 9 x 10 | 3. 27 x 18 |
| 4. 28 x 17 | 5. 30 x 15 | |

59. The income tax withheld from the wages of a certain employee amounted to P8, 561 last year. If this is P350 more than $\frac{3}{4}$ of the amount withheld this year, how much was withheld from his wages this year?

- | | | |
|-------------|-------------|------------|
| 1. P8, 911 | 2. P9, 248 | 3. P9, 611 |
| 4. P10, 948 | 5. P11, 415 | |

60. If six boys shared equally $\frac{1}{2}$ of a pineapple pie, what part of a whole pie did each boy get?

- | | | |
|-------------------|-------------------|------------------|
| 1. $\frac{1}{36}$ | 2. $\frac{1}{12}$ | 3. $\frac{1}{8}$ |
| 4. $\frac{1}{6}$ | 5. $\frac{1}{4}$ | |

61. At a party of 345 employees, sandwiches were served with softdrinks. It was found out that 120 chicken sandwiches and 240 cheese sandwiches were consumed. When the male employees were on their way home, 35 confessed that they ate 1 chicken sandwich and 1 cheese sandwich each. How many went home without eating any of the sandwiches?

- | | | |
|-------|-------|-------|
| 1. 20 | 2. 30 | 3. 35 |
| 4. 55 | 5. 65 | |

62. A man has two investments totaling P40,000. On one he receives 12% interest and on the other he receives 10% interest. The 12% investment yield an annual income of P524 less than the 10% investment. How much is the difference between the two investments?

- | | | |
|-------------|-------------|------------|
| 1. P4, 112 | 2. P5, 200 | 3. P8, 400 |
| 4. P13, 476 | 5. P14, 250 | |

63. A bin containing 80 sacks of flour is $\frac{1}{5}$ full. How many sacks will be in the bin when it is $\frac{3}{4}$ full?

- | | | |
|--------|--------|--------|
| 1. 240 | 2. 300 | 3. 320 |
| 4. 400 | 5. 420 | |

64. In a social hall of a building, there are 150 seats arranged in rows, with 5 more seats per row than the number of rows. How many seats are there in each row?

- | | | |
|-------|-------|-------|
| 1. 10 | 2. 12 | 3. 15 |
|-------|-------|-------|

4. 18

5. 20

65. Which of the following is the biggest?

1. 71.2 meters

4. 71,200 millimeters

2. 7,120 centimeters

5. all are equal

3. 0.0712 kilometers

66. Which of the following has the greatest discount?

1. a discount of $\frac{1}{3}$ of the selling price of P200.00

2. 33% discount of the selling price of P200.00

3. 0.3 discount of the selling price of P200.00

4. a discount of P60.00

5. $\frac{1}{3}\%$ discount of the selling price of P200.00

67. The members of a barangay set out 432 pechay plants. The number of plants in each row was six more than the number of rows. How many plants were there in each row?

1. 12

2. 24

3. 27

4. 33

5. none of these

68. The larger of two numbers is seven times the smaller number. What is the larger number if their sum is 56?

1. 49

2. 42

3. 35

4. 28

5. none of these

69. In a school of 1,302 students, 798 are girls. What is the ratio of the number of boys to the number of girls?

1. 19:31

2. 17:31

3. 12:31

4. 12:19

5. none of these

70. A paper tape 56.2 dm. Long is to be divided into 4 parts such that each part shall be $2\frac{1}{2}$ dm. Shorter than the next succeeding part. Find the length of the longest part.

1. 10.3 dm.

2. 13.4 dm.

3. 17.8 dm.

4. 25.3 dm.

5. 41.2 dm.

71. An amount of P18,400 was requested for the purchase of office supplies. How much was released if 15% of the amount requested was not granted?

1. P10, 830

2. P12, 120

3. P13, 490

4. P14, 260

5. P15, 640

72. A supply officer distributes 80 business envelopes among 13 employees, giving half the number to the female employees and the other half to the male

employees. Each female employee received 3 more than each male. How many male employees are there?

- | | | |
|------|------|------|
| 1. 8 | 2. 7 | 3. 6 |
| 4. 5 | 5. 4 | |

73. Each boarder is charged P3,800 a month for board and lodging. If there are 12 boarders, how much will the owner of the boarding house earn in one half year?

- | | | |
|-------------|-------------|-------------|
| 1. P266,000 | 2. P269,800 | 3. P273,600 |
| 4. P277,400 | 5. P285,000 | |

74. If $\frac{1}{4}$ of a land were divided into 3 equal lots, then each lot would be what part of the land?

- | | | |
|-------------------|------------------|------------------|
| 1. $\frac{1}{12}$ | 2. $\frac{1}{8}$ | 3. $\frac{3}{4}$ |
| 4. $\frac{1}{4}$ | 5. $\frac{1}{3}$ | |

75. A chess player will play 7 rounds in a chess tournament. If he were to compete with 6 opponents in every round, how many opponents would he have played with after 7th round?

- | | | |
|-------|-------|-------|
| 1. 32 | 2. 35 | 3. 40 |
| 4. 42 | 5. 49 | |

76. A man makes a deposit of P800.00. If his deposit consists of 25 bills, some fifty-peso bills and the rest are twenty-peso bills, how many twenty-peso bills he have?

- | | | |
|-------|------------------|-------|
| 1. 8 | 2. 15 | 3. 10 |
| 4. 20 | 5. none of these | |

77. Suppose you were selling magazines and were paid 25% of your sales. What should your commission be for a day in which your sales amounted to P11.68?

- | | | |
|----------|----------|----------|
| 1. P5.93 | 2. P6.26 | 3. P6.25 |
| 4. P2.92 | 5. P4.25 | |

78. How would you divide P40.00 between two student in the ratio of 3 is to 5?

- | | | |
|--------------|------------------|--------------|
| 1. P23 & P17 | 2. P15 & P25 | 3. P12 & P28 |
| 4. P14 & P26 | 5. none of these | |

79. Ice placed in an ice box losses 15% of its weight before being used. How many tons of ice must be placed in an ice boxes so as to have 850 tons for use?

- | | | |
|----------|------------------|----------|
| 1. 865 | 2. 977.5 | 3. 1,000 |
| 4. 5,665 | 5. none of these | |

80. A telephone company charges a customer P33.50 for the first 100 calls a month, and 25 centavos per call in excess of 100 calls. If the total bill of a customer for a certain month is P55.25, find the total number of calls made by the customers.

- | | | |
|--------|--------|--------|
| 1. 69 | 2. 187 | 3. 218 |
| 4. 220 | 5. 287 | |

81. Mr. Cruz bought some merchandise worth P1,500. He sold $\frac{2}{5}$ of it at 25% profit, $\frac{1}{2}$ of the remaining merchandise at 15% profit and the rest at 10% profit. How much did he earn from the whole transaction?

- | | | |
|------------|------------|------------|
| 1. P262.05 | 2. P226.50 | 3. P262.50 |
| 4. P362.05 | 5. P326.50 | |

82. A sports center has 12 gates, five are on the west side, and seven are on the east side. In how many different ways can a person enter by a west gate and leave by an east gate?

- | | | |
|-------|-------|-------|
| 1. 25 | 2. 35 | 3. 45 |
| 4. 55 | 5. 65 | |

83. A boy is to meet his teacher in the principal's room at 7:30 in the morning. If it takes the boy 30 min. to take a bath, 15 min. to eat his breakfast, 5 min. to brush teeth, 20 min. other morning activities, 25 min. to dress up and 10 min. walking to the school principal's room. What will be the latest time that he can get up to meet his teacher on time?

- | | | |
|--------------|--------------|--------------|
| 1. 5:15 a.m. | 2. 5:30a.m. | 3. 5:45 a.m. |
| 4. 6:15 a.m. | 5. 4:45 a.m. | |

84. Five percent of a batch of items from a manufacturing company are defective. If there are 150 defective items in the whole batch, how many items in the whole batch are not defective?

- | | | |
|----------|----------|------------|
| 1. 2,850 | 2. 2,750 | 3. 3, 3850 |
| 4. 3,000 | 5. 2,580 | |

IDENTIFYING ERROR

1. Overcrowding of and within houses is an unhealthful factor which favor the spread

1
2
3

of many diseases. No error

4
5
2. Every person at one time or another is called upon to make a decision but making a

1
2

decision is one of the hardest job which one has to do. NO ERROR

3
4
5
3. We were touch by his generosity when he obviously could ill afford to be so

1
2
3
4

generous. NO ERROR

5
4. He felt very bad after he realized the harm he had done. NO ERROR.

1
2
3
4
5
5. When office workers take part in planning work details, their feeling of
having

1
2
3

4

status rise. NO ERROR.

5
6. Please feel free to call upon our office if we can be of farther service to you.

1
2
3
4

NO ERROR.

5
7. Ang mga nakatatandang panauhin ay nagkakainan habang ang mga kabataan
ay

1
2

masayang nagsayaw sa saliw ng makabagong tugtugin. WALANG MALI.

3
4
5
8. Pollution of the air, the water, and the land threatens to undo the advances of

1
2
3
4

science. NO ERROR

5
9. His dedication to advance the cause of environment could be attributed to
the fact

1
2

that he came to a poor family. NO ERROR

3

4

5

10. In making decisions involving human relations, every good manner could consider

1

2

the opinions, as well as the feelings of all the employees under him. NO ERROR

3

4

5

11. One of the crucial issues taken on at the conference is the transfer of technology of

1

2

the industrialized nations to the developing countries. NO ERROR

3

4

5

12. Nakikigalak kami sa mga tagumpay nila Fernan at Victor. WALANG MALI.

1

2

3

4

5

13. Nang umulan ng malakas ay nasa bahay na ako. WALANG MALI

1

2

3

4

5

14. Twenty kilometers are a reasonable distance to cover, considering the rugged

1

2

3

4

road. NO ERROR

5

15. College teaches us to form opinions by the result of careful thought.

1

2

3

4

NO ERROR.

5

16. A plan to build more medical centers in major part of the country had been

1

2

3

revealed yesterday. NO ERROR

4

5

17. He will be playing much better today if he had not sprained his ankle during the

1

2

semi-final match two days ago. NO ERROR

3

4

5

18. The telephone rang continuously for two minutes, fell silent and then sounded of

1

2

3

five short rings. NO ERROR
4 5

19. After the game the coach compliments those players who show bravery
during the

1 2 3
4
crucial game. NO ERROR
5

20. There is no doubt whether the decision of the Council was influenced by
politics.

1 2 3
4
NO ERROR
5

21. A drug pusher is not only a problem to his family but also a menace to
society.

1 2 3 4
NO ERROR
5

22. An oligarchy in a form of government where supreme power is restricted
to few

1 2 3
persons. NO ERROR
4 5

23. Several senators and congressmen were absent in the committee meetings
most of

1 2 3
4
the time. NO ERROR.
5

24. Ang pangunahing dahilan kung bakit ang mga kabataan ay nagsusumikap
sa pag-

1 2 3
aaral ay upang kumikita-kita WALANG MALI.
4 5

25. Magkakaroon ng kapayapaan ang buong daigdig kung ang lahat ng tao ay
1 2 3

magkakaisa at magkakaunawaan. WALANG MALI
4 5

26. Makatabi ang mga bata at matatanda sa panonood ng palaro. WALANG
MALI

1. The board has received the president's report, who went over the situation in great detail.
 2. Having gone over the situation in great detail, the president submitted a complete report to the board.
 3. The president had hardly completed his study of the situation than he made a full report to the board.
 4. The complete report, which the president gave it to the board, was the result of a thorough study of the situation.
 5. After the president had studied the situation as thorough as possible, he made a complete report to the board.
- 4.
1. Basing on the figures available, the committee felt that the decision to close shop was feasible.
 2. Basing on the figures available, the decision to close shop seems feasible.
 3. Based on the figures available, the committee felt that the decision to close shop was feasible.
 4. Based on the figures available, the decision to close shop seems feasible.
 5. Based on the figures available, closing the shop was thought to be feasible.
- 5.
1. The ebb and flow of organizational life is such that nothing remains static.
 2. The ebb and flow of organization of life are such that nothing remains static.
 3. The ebb and low of life in an organization are such that nothing remained static.
 4. Nothing remains static in the ebb and flow of life in an organization
 5. Speaking of the ebb and flow of organizational life, it is such that nothing remains static.
- 6.
1. Magiging makahulugan sa mga bata ang mga pang araw-araw na balita kung makikita nila ang pinangyarihan nito.
 2. Ang pinangyarihan ng mga balita na pang-araw-araw sa mga bata kung makikita nila ay magiging makahulugan.
 3. Sa mga bata ay makahulugan ang mga pang-araw-araw na balita kung makikita nila ang pinangyarihan nito.
 4. Ang mga balitang pang-araw-araaw sa mga bata ay magiging makahulugan kung ang pinangyarihan nito ay makikita nila.
 5. Ang mga balitang pang-araw-araw sa mga bata at ang pinangyarihan nito ay magiging makahulugan kunga makikita nila.
- 7.
1. Walang pasubali na ang isang taong may kakayahan sa maayos na pangangatwiran ay uunlad sa kanyang propesyon.
 2. Walang pasubali ay uunlad sa kanyang propesyon na ang isang taong may kakayahan sa maayos na pangangatwiran.
 3. Ang isang taong may kakayahan sa maayos na pangangatwiran ay uunlad sa kanyang propesyon, walang pasubali.
 4. Uunlad sa kanyang propesyon ay walang pasubali ang isang taong may kakayahan sa maayos na pangangatwiran.

5. May kakayahan sa maayos na pangangatwiran, walang pasubali na ang isang tao ay uunlad sa kanyang propesyon.

8.
 1. Masaya, sapagkat lahat ay payak at walang pagkukunwari ang buhay bata.
 2. Masaya ang buhay bata sapagkat lahat ay payak at walang pagkukunwari.
 3. Ang buhay bata ay masaya sapagkat payak at walang pagkukunwari ang lahat.
 4. Ang buhay bata sapagkat payak at walang pagkukunwari lahat ay masaya.
 5. Sapagkat walang pagkukunwari at payak lahat, ang buhay bata ay masaya.

9.
 1. We must learn more about military tactics and in so doing we can cope with any situation.
 2. We must learn more about military tactics to cope with any situation.
 3. So as to cope with any situation, more about military tactics should be learned by us.
 4. More about military tactics must be learned, so as to cope with any situation.
 5. To be ready to cope with any situation, so we must learn more about military tactics.

10.
 1. I thought that she is reporting for work today.
 2. I thought that she was reporting for work today.
 3. I thought that she reported for work today.
 4. I thought that she reports for work today.
 5. I thought that she had reported for work today.

11.
 1. It is now generally acknowledge that the Filipina is an lovely compared to any oriental lady.
 2. It is now generally acknowledge that the Filipina is as lovely like any other Oriental Lady.
 3. It is now generally acknowledged that the Filipina is as loely as any other oriental Lady.
 4. It is generally acknowledged that the Filipina is as lovely as any oriental Lady.
 5. It is now generally acknowledged that the Filipina is lovely as any oriental lady.

12.
 1. I asked Rosy what is the name of her friend?
 2. I asked Rosy what the name of her friend is?
 3. I asked Rosy what her friend's name was
 4. I asked Rosy what is her friend's name.
 5. I asked Rosy what was the name of her friend.

13.
 1. If then young are to be taught, we adults must not only teach them by precept but also by example.
 2. If the young are to be taught, they must be taught by us adults not only by precept but also by example.

3. If the young are to be taught, we adults must teach them not only by precept but also by example.
 4. If we are to teach the young, they must not only be taught by precept but by example.
 5. If the young are to be taught, we adults must teach not only by precept but by example.
- 14.
1. The plumber who works efficiently from the point of view of the housewife is worthy of his wages.
 2. From the point of view of the housewife, the plumber who works efficiently is worthy of his wages.
 3. The plumber is worthy of his wages who works efficiently from the point of view of the housewife.
 4. The plumber, from the point of view of the housewife, who works efficiently, is worthy of his wages.
 5. Worthy of his wages is the plumber who works efficiently from the point of view of the housewife.

SENTENCE COMPLETION

1. The method of scientific _____ is simply the manner at which all phenomena are explained about, rendered precise and made exact.

1. theory	3. development	5. knowledge
2. investigation	4. accomplishment	
2. What the Philippines needs are more doctors to deliver medical care and services to _____ population.

1. the far-flung	2. burgeoning	3. a ruralizing
4. an impoverished	5. an urbanizing	
3. "After watching the film, she seemed to be really _____ that ghosts do exist."

1. accepted	2. advised	3. convinced
4. entertained	5. guaranteed	
4. Despite the President's appeals, many senators remained _____ in their rejection of the treaty.

1. adamant	2. perverse	3. vacillating
4. intransigent	5. calm	
5. when the defense lawyer asked for a postponement, the prosecuting attorney protested the _____ strategy of the defense and insisted that the trial proceed.

1. slow
4. roundabout
2. stubborn
5. deliberate
3. leisurely
6. The manager said that she would gladly help pay for it but she good-naturedly _____ the offer.
1. imposed
4. retained
2. ignored
5. declined
3. denied
7. "Local exporters must use the present economic crises as a unique opportunity to _____ the Filipino's innate ingenuity in developing novel products from indigenous materials and resources."
1. harness
4. exploit
2. formulate
5. entice
3. support
8. "Ang mga kabataan ay _____ sa paggamit ng bawal na gamut dahil sa pagnanais na makaiwas sa kanilang mga suliranin."
1. naliligtas
4. nangingilag
2. naliligalig
5. namamalas
3. nalululong
9. For groups whose economic activities are organized around hunting or herding, any living settlement is only temporary, and frequent moves are made, often on foot. Consequently, the material possessions of such people are _____.
1. crude
4. limited
2. durable
5. extensive
3. communal
10. "The government is established for the _____, furtherance and guarantee of certain inalienable human rights."
1. suspension
4. proclamation
2. prohibition
5. transfer
3. preservation
11. While most typhoons cause little or no loss of human life, occasionally the losses are _____.
1. appalling
4. disadvantageous
2. fortunate
5. insignificant
3. incomplete
12. A one-second cathode ray treatment of hamburgers will preserve them for a sixty days in a refrigerator. Sailors going on voyages of several weeks can have safe food even though the ship does not have a _____.
1. radiation system
4. air circulation
2. laboratory
5. deep freeze
3. physician

13. If we closely analyze the world distribution of _____, we would notice that there are very many people who are extremely poor, and many people extremely rich, and comparatively very few in the middle.

- | | | |
|---------------|---------------|-----------|
| 1. production | 2. progress | 3. income |
| 4. population | 5. investment | |

14. While recognizing the value of the new invention, the critic though its possibilities are distinctly _____.

- | | | |
|--------------|---------------|---------------|
| 1. boundless | 2. known | 3. ridiculous |
| 4. valuable | 5. restricted | |

15. Many large corporations maintain nurses and hospitals for their employees and in various other ways encourage better _____.

- | | | |
|---------------|------------|-------------|
| 1. pay | 2. health | 3. training |
| 4. facilities | 5. housing | |

16. "When government started an organized program on overseas job placement, the _____ foreseen was the country's loss of manpower skills to labor importing countries."

- | | | |
|--------------------|------------------|-------------|
| 1. disadvantages | 2. embarrassment | 3. dishonor |
| 4. dissatisfaction | 5. apprehension | |

17. From a distance the view of any industrial city is obscured by a heavy pall of smoke exuded from factory chimneys. Residents of these cities object to the physical discomfort of a smoke-filled atmosphere and to the extra expense necessary to replace soot-damaged goods and to meet abnormally high _____.

- | | | |
|--------------------|----------------|----------------|
| 1. telephone bills | 2. light bills | 3. water bills |
| 4. food bills | 5. gas bills | |

18. Pumice is a rock formed by the cooling and hardening of lava which contains dissolved gases. Pumice is so light that it will float on water. This is because it contains so many air chambers; it is very _____.

- | | | |
|-----------|--------------|-------------|
| 1. rare | 2. durable | 3. colorful |
| 4. porous | 5. brilliant | |

ENVIRONMENTAL ISSUES

6. Nuclear power must be unfavorable because the waste from nuclear reactions is highly fatal to life and unfriendly to the environment.
 6. anything that has ill-effects on the ecosystem must be prohibited
 7. waste from nuclear reactors can be disposed safely and efficiently
 8. nuclear scientists have not exerted enough effort to control and dispose the waste from safely
 9. measures taken to control and dispose of waste from nuclear reactors have been fruitless
 10. today, technology cannot effectively reduce harmful effects of nuclear waste disposal
7. Chlorofluorocarbons are popular as propellants and solvents because they are
 1. reactive
 2. soluble
 3. stable
 4. cheap
 5. biodegradable
8. Monoculture cropping or planting a single crop in a large area is not advisable because it-
 6. promotes pest infestation
 7. requires more water
 8. lowers the water table
 9. requires less fertilizer
 10. causes drought
9. Which of the following is the major cause of coral-reef destruction?
 1. Dynamite fishing
 2. sewerage pollution
 3. moro-ami
 4. siltation
 5. oil spill
10. Putting up dams along rivers negatively affect on marine fishes because _____
 11. less water will flow to the sea
 12. less minerals will flow to the sea
 13. when dams break, the connection wall can be harmful to fishes
 14. some marine fishes spend part of their life cycle upstreams
 15. some marine fishes need the coral reefs upstream
16. The government is established for the furtherance and guarantees of certain inalienable human rights.

- 6. proclamation
 - 7. suspension
 - 8. transfer
 - 9. prohibition
 - 10. preservation
17. The court has resisted the clamor to issue a temporary injunction for the sake of _____.

- | | | |
|---------------|--------------|--------------|
| 1. principle | 3. integrity | 5. sincerity |
| 2. expediency | 4. honesty | |

18. From the extensive data gathered in the Philippines for the period 1990-1995, there are indications that some rivers are still relatively clean particularly in Mindanao _____.

- 6. the over-all quality of the rivers has deteriorated
- 7. not all rivers in the Philippines are polluted
- 8. Philippine rivers could no longer sustain life
- 9. The rivers in the Philippines are polluted
- 10. Rivers in Luzon and Visayas are unsafe for fishing and recreational purposes

19. In being economical, one must decide where the best place to begin really in some families engage in petty economic that requires effort disproportionate to the _____.

- | | |
|------------------------|----------------|
| 1. happiness gained | 4. money saved |
| 2. sacrifice made | 5. time spent |
| 3. resources conserved | |

20. Education is not a preparation for life, it is life itself.

- 6. education has no beginning or end
- 7. education does not prepare us for life
- 8. education is useless when we have short life
- 9. we do not need to study, we only need to live
- 10. the sum total of our happiness is the source of life-long learning

CURRENT EVENTS

1. At present, how many percent of the population of the Philippines are aliens?

- | | | |
|--------|--------|--------|
| 1. 30% | 3. 40% | 5. 70% |
| 2. 25% | 4. 50% | |
2. What project of the DENR that includes the protection of Industrial pollution of our Environment?

1. Bantay Kalikasan	2. Bantay Ilog	3. Bantay Dagat
4. Ecological Watch	5. Solid Waste Management	
 3. What government agency thus the status of government employee in the free voluntary services belong?

1. Secretary	3. Municipal	5. Barangay
2. Regional	4. National	
 4. Which is not a ground for Impeachment of the Pres., Vice-Pres., Ombudsman, and Senator?
 1. graft and corruption
 2. sexual harassment
 3. grave abuse of the authority
 4. against the Family if the child scolded by the parents
 5. Other crimes
 5. What is the ground for impeachment of the Pres., Vice-Pres., Ombudsman, and Senator?
 1. sexual harassment
 2. heinous crime
 3. grave abuse of the authority
 4. graft and corruption
 5. culpable violation of the Constitution

LOGICAL ANALYSIS

13. Mitch is probably a pianist. She can really stretch her hand and fingers.
 5. only people with big hands and long fingers can be pianist.
 6. playing the piano helps Mitch stretch her hands and fingers
 7. stretching helps pianist perform
 8. a long stretch enables to read more, keep in the piano
14. Chris is a responsible man, He takes good care of his family.
 1. taking good care of the family is the responsibility of men

2. responsible men take good care of their families
3. the family is responsible for taking care of men
4. a good family produces responsible men
5. a responsible person has a good family

15. All flowers are fragrant. Some flowers are brightly colored. The gumamela is a kind of flower, the sabila is not a kind of flower.

1. some brightly colored flowers are fragrant
2. the sabila is not brightly colored
3. the sabila is not fragrant
4. the gumamela is brightly colored
5. the gumamela is fragrant

16. If fishes cannot breed, they will die. Coral reefs are the only breeding places of fishes. All coral reefs will be destroyed by 20 years from now.

1. now species of fishes will appear
2. a coral reefs will form in the deepest sea
3. seas and oceans will have higher contact
4. fishes will be very expensive
5. fishes will cease to exist

17. Joel's poem are modernistic, since they deal with complicated subject matters.

1. complicated subject matters are intellectually stimulating
2. complicated subject matters are suited to modernistic poetry
3. modernistic poetry is intellectually pretentious
4. modernistic poetry depicts true to live events
5. none of these

18. What power that can be delegated by the President?

1. pardon power
2. military power
3. judicial power
4. executive power
5. legislative power

19. In 1987 Constitution, what government agency is given the highest priority budget?

- | | | |
|-----------|----------------|---------|
| 1. DND | 3. Agriculture | 5. NEDA |
| 2. Health | 4. Education | |

20. What government organization is controlled by the Local Government?

1. DILG
2. House of Speaker
3. Senator
4. Congressman
5. Ombudsman

21. What kind of gas that should be recycled/reusable?

- | | | |
|-------------|----------------|-----------|
| 1. kerosene | 3. natural gas | 5. others |
| 2. LPG gas | 4. biogas | |

22. What will you say, or suggest, or what will you do if you see hundred of papers floating on the river?

1. collect it as souvenir
2. let the fishes eat all the papers
3. papers can be recycled
4. biodegradable
5. none of these

23. If points M, N, O and P are arranged in such a way that three of them lie in a line, how many lines are there?

- | | | |
|------|------|-------|
| 1. 4 | 3. 6 | 5. 10 |
| 2. 5 | 4. 8 | |

24. Find the correct number that replaces the number that breaks the pattern of the series :
405, 135, 35, 15, 5

1. 35

3. 55

5. 15

2. 45

4. 30

IDIOMATIC EXPRESSIONS

4. They were able to WEATHER the storm.

1. reached home safely
2. survived the crisis
3. defeated the enemies
4. realized their mistakes
5. predicted the calamity

5. TRUST men and they will be true to you.

1. a man is loyal in whom confidence had been placed
2. man must trust you to be faithful to you
3. a secret is a test of friendship
4. destruct the people justifies their deserving
5. trust all men in everything or more in anything

6. CUT your coat to your cloth.

1. walk in accordance with your ability
2. desire only what you can afford
3. patronize first your own product
4. express only relevant ideas
5. dress up according to the accessories

4. Paddle your own CANOE.

6. always tries his best
7. earn his own money

- 8. have self-respect
- 9. learn from his mistakes
- 10. be self-reliant

5 This report leaves much to be DESIRED.

- 11. satisfactory
- 12. longed
- 13. important
- 14. legible
- 15. ready

16. He was man of PRINCIPLE.

- 6. popular
- 7. forceful
- 8. hardworking
- 9. noble
- 10. righteous

17. She is running up an ACCOUNT with the store.

- 6. keep the books of the store
- 7. is paying her bills all in the store
- 8. is buying many things in credit
- 9. works as part-time accountant
- 10. spends much buying unnecessary things

18. STRIKE while the iron is hot.

- 6. use his physical and mental power
- 7. make the most of every opportunity
- 8. solves any problems immediately
- 9. use his time wisely
- 10. work hard all the time

19. In union, there is STRENGTH.

- 6. power is gained through justification
- 7. those who wait cannot be defeated
- 8. a person should not try to crash the world on his shoulder
- 9. one clerk cannot run a large office

10. man who rise fight hard be little

20. Deep sea fishing, he is an OLD MAN.

- 6. broad-minded
- 7. unable
- 8. experience
- 9. inefficient
- 10. unstilled

VOCABULARY

1. ANATHEMA most nearly

- | | | |
|------------|-------------|----------|
| 1. fluvial | 2. remedy | 3. curse |
| 4. cure | 5. relieves | |

2. PIPE most nearly.

- | | | |
|-----------------|----------------|---------------|
| 1. rigidity | 2. flexibility | 3. pliability |
| 4. adaptability | 5. elasticity | |

3. OPULENCE

- | | | |
|------------|--------------|------------|
| 1. sickly | 2. wealthy | 3. disease |
| 4. poverty | 5. unfortune | |

4. AMENITIES

- | | | |
|---------------|----------------|-----------|
| 1. pleasant | 2. convenience | 3. injury |
| 4. calamities | 5. risk | |

5. CONJECTURE

- | | | |
|------------|--------------|----------|
| 1. guess | 2. principle | 3. ideas |
| 4. gesture | 5. lecture | |

6. LEERY

- | | | |
|----------------|--------------|----------------|
| 1. distrustful | 2. dishonest | 3. disboastful |
| 4. hesitant | 5. fallable | |

7. VIRTUOSO most nearly

- | | | |
|-------------|---------------|-----------|
| 1. virtue | 2. pedestrian | 3. invest |
| 4. skillful | 5. moral | |

8. SIFT most nearly = sieve, analyze, examine

9. CARICATURE = distortion, imitation, discription

10. CHURLISH =

- | | | |
|-------------|-------------|----------|
| 1. sleepy | 2. dizzy | 3. surly |
| 4. hesitant | 5. religion | |

21. SUSUGPUIN = mapipigilan

22. BURL = sturdy

23. HINIMUK ng mga bata ang kanilang guro para payagan silang umuwi ng maaga.

1. kinausap

2. kinumbinsi

24. DWINDLE = decrease, decline, shrivel

25. IMMOLATE = sacrifice

26. INDICTMENT = accusation, impeachment

27. PROPENSITY = tendency, inclination

28. PROFITIOUS = favourable

29. VESTIGES = trace, mark, sign, indication, remains, suggestion

30. FUGITIVE = fleeing, escaping, transient

31. BANTULOT = atubili, alanganin

32. ASTOUNDED = amazed, astonish, compound, stagger, daze

33. RAMPANT = uncontrolled, unrestrained, standing, rank rearing

34. PERIL = jeopardy, hazard, danger, risk, menace, vulnerability

35. The prisoner give a BESTIAL treatment = cruel, inhuman, brutal, degraded, sensual, low, vile

36. LATENT = potential, undeveloped, unrealized, dormant, tacit

37. TACITURN most nearly

= reserved, quiet, silent, very little, mum mute

38. TRENCHANT most nearly =

= effective, effectual, vigorous, severe, sarcastic, strong

39. BRIDGET

- | | | |
|----------|------------|---------|
| 1. stone | 2. wood | 3. rock |
| 4. glass | 5. crystal | |

40. VIXEN

- | | | |
|----------------|--------------|------------|
| 1. quarrelsome | 2. dishonest | 3. serious |
| 4. boastful | 5. kind | |

31. DURESS

- | | | |
|------------|-------------|-------------|
| 1. oath | 2. pressure | 3. careless |
| 4. respect | 5. fortune | |

32. ACCLAIMED

- | | | |
|--------------|------------|------------|
| 1. gathered | 2. analyze | 3. certify |
| 4. glorified | 5. confirm | |

SINGLE WORD APPROACH

1. happiness is to Prosperity as Condolence is to _____.

- | | | |
|---------------|-------------|------------|
| 1. loneliness | 2. awkward | 3. contend |
| 4. reginess | 5. vigorous | |

2. Corn is to Ear as Cabbage is to _____.

1. head

2. bunch

3. flower

4. garden

5. seed

3. Gun is to Holster as Sword is to _____.

1. pistol

2. cadet

3. slay

4. scabbard

5. war

4. Skin is to Man as Hide is to _____.

1. walls

2. scales

3. fish

4. animal

5. clothes

5. TYCOON is to BUSINESS as VIRTUOSO is to _____.

1. theater

2. virtue

3. music

4. clergy

5. diplomacy

6. CONSANGUINITY is to BLOOD as AFFINITY is to _____.

1. race

2. occupation

3. marriage

4. profession

5. faith

7. STATUE is to SCULPTURE as BALLET is to _____.

1. director

2. composer

3. primadonna

4. courtourier 5. choreographer
8. BILINGUAL is to LANGUAGE as BICAMERAL is to _____.
1. legislative 2. representation 3. authority
4. council 5. taxation
9. PHYSIOLOGY is to SCIENCE as LAW is to _____.
1. contract 2. jurist 3. court
4. profession 5. suit
10. ZOOLOGY is to ANIMALS as BOTANY is to _____.
1. rivers 2. plants 3. rocks
4. genes 5. insects

DOUBLE WORD APPROACH

1. Future is to _____ as Yesterday is to _____.
1. hope : past
2. Judge : verdict
3. tell : remember
4. think : merry
5. recall: forget
2. Headline is to News Story as _____ is to _____.

1. title : novel
2. preface : book
3. rhyme : poem
4. salutation : letter
5. conclusion : short story

3. SCHOOL is to HOSPITAL as _____ : _____.

1. principal : doctor
2. store : customer
3. student : teacher
4. nest : bird
5. village : people

1. TEST is to CHEATING as _____ : _____

1. lawyer : council
2. compromise : principles
3. politics : graft
4. swindle : business
5. army : discipline

SENTENCE COMPLETION

1. The student did not take the _____ joke of the teacher.

1. tactless

2. shrewd

NUMBER SERIES

1. 4.16 5.25 6.36 7.49 8.64 _____.

3. 9.36

3. 8.81

5. 7.72

4. 9.81

4. 6.64

2. 5 6 10 19 35 60 _____.

1. 98

3. 96

5. 36

2. 86

4. 72

3. $\frac{4}{3}$ - $\frac{2}{3}$ - $\frac{1}{3}$ $\frac{1}{6}$ - $\frac{1}{12}$ - $\frac{1}{18}$ _____.

1. $\frac{4}{3}$

3. $\frac{1}{36}$ 5. $-\frac{3}{4}$

2. $\frac{2}{3}$

4. $\frac{1}{3}$

4. .25 1 5.25 6 _____

1. 10.25

3. 15.75

5. none

2. 12.25

4. 13.25

PROBLEM SOLVING

25. What is the greatest numerical value?

1. $\frac{3}{8}$

3. $\frac{3}{4}$

5. $\frac{2}{3}$

2. $\frac{5}{6}$ 4. $\frac{1}{3}$

26. What is the standard numerical value for 3.54×10 the 5th power?

1. 35,400 3. 354,0000 5. 0.354
2. 0.000354 4. 0.00354

27. Which of the following has the least numerical value?

1. $6+3 \times 4$ 3. $4 \times 6 +3$ 5. $3 +6 \times 4$
2. $4+3 \times 6$ 4. $3 \times 6+4$

28. The formula for covering Fahrenheit thermometer reading to centigrade reading is $C=\frac{5}{9} (F-32)$. What is the equivalent of 95 degrees Fahrenheit?

1. 35 3. 45 5. 30
2. 40 4. 50

29. A farmer has seven hectares of land for rice production. What should be the average yield in cavans per hectare of the land to produce a total of 525 cavans?

1. 50 3. 85 5. 92
2. 75 4. 90

30. Mang Romy can climb a coconut tree at the rate of 10ft. per minute and return at 20 ft. per minute. If it took him 3 minutes to climb and return. What is the height of the coconut?

1. 10ft. 3. 18ft. 5. 25ft.
2. 15ft. 4. 20ft.

31. Basketball team lost 40% of its first 40 games, how many of its remaining 20 games, must it win to raise its winning percentage to 65%

- | | | |
|-------|-------|-------|
| 1. 15 | 3. 16 | 5. 20 |
| 2. 12 | 4. 14 | |

32. The sum of 3 numbers is 94, if the first number is $\frac{3}{5}$ of the second number and the second number is $\frac{4}{3}$ of the third. What are the three numbers?

- | | | |
|---------------|---------------|---------------|
| 1. 20, 44, 30 | 3. 15, 40, 35 | 5. 24, 40, 30 |
| 2. 24, 30, 35 | 4. 22, 42, 30 | |

33. A certain elevator has a maximum weight capacity of 1, 300 lbs. If 5 employees with an average weight of 120 lbs. entered the elevator with a box weighing 250 lbs. How much is the additional weight?

- | | | |
|--------|--------|--------|
| 1. 450 | 3. 425 | 5. 500 |
| 2. 350 | 4. 550 | |

34. In one bag of chicken feeds there are 24 chickens eating it in 45 days. In how many days do 15 chickens consume the feeds?

- | | | |
|-------|-------|-------|
| 1. 60 | 3. 72 | 5. 64 |
| 2. 90 | 4. 80 | |

35. Two planes travel from opposite direction. Plane A travel 70 kph from one direction and Plane B travel from opposite direction at the rate of 90 kph. If the distance is 640 km. In how many hours the two planes intersect?

- | | | |
|------|------|------|
| 1. 1 | 3. 3 | 5. 5 |
| 2. 2 | 4. 4 | |

36. There two planes fly in two directions one is flying for East direction with the rate of 300kph and other is for West direction with the rate of 360 kph. In how many minutes if they are 660 km apart?

- | | | |
|------------|------------|-------------|
| 1. 60 min. | 3. 90 min | 5. 150 min. |
| 2. 120 min | 4. 100 min | |

37. If $\frac{2}{3}$ of employees of a company are women and $\frac{1}{4}$ of the remaining employees are married and the rest are 9 bachelors. What is the total number of employees?

- | | | |
|-------|-------|-------|
| 1. 32 | 3. 38 | 5. 25 |
| 2. 42 | 4. 36 | |

38. Find the square of the number in the number series which appears most of the time.

7 3 4 5 6 1 7 2 3 7

- | | | |
|------|-------|-------|
| 1. 3 | 3. 9 | 5. 49 |
| 2. 6 | 4. 36 | |

39. A man bought ten ball pens at P25.00 each and five wallet at P50.00 each and the last is three towels at P70.00 each. What is the smallest amount of money so he can buy all items?

- | | | |
|------------|------------|------------|
| 1. P650.00 | 3. P750.00 | 5. P850.00 |
| 2. P700.00 | 4. P800.00 | |

40. The merchandiser bought 55 copies of books cost P3, 300.00 and add six copies more. How much should he pay for all the books?

- | | | |
|---------------|---------------|--------------|
| 1. P3, 380.00 | 3. P3, 660.00 | 5. 3, 310.00 |
| 2. P3, 360 | 4. P3, 920.00 | |

41. The showing of the movie starts at 6:18 P.M., and it will last at 8:05. How many minutes does the movie showed?

- | | | |
|--------|--------|--------|
| 1. 103 | 3. 107 | 5. 157 |
| 2. 123 | 4. 143 | |

42. Three tickets of musical concert cost P714. How much a dozen of tickets cost?

- | | | |
|------------|------------|-----------|
| 1. P2, 469 | 3. P2, 964 | 5. 4, 325 |
| 2. P2, 946 | 4. P3,269 | |

43. The length of rectangular lot is one less than twice its width. If the perimeter is 16cm., what is the width of the lot in centimeter?

- | | | |
|------|------|------|
| 1. 1 | 3. 3 | 5. 5 |
| 2. 2 | 4. 4 | |

44. The width of a rectangular lot is X meters and its length is 5 meters more than its width. If its dimensions are decreased by 2 meters, then its area will decrease by_____.

- | | | |
|-------------------------|-----------------|-----------------|
| 1. 4 sq.m | 3. $4x+6$ sq. m | 5. none of this |
| 2. $x^2 + (x - 6)$ sq.m | 4. $2x - 3$ sq. | |

45. Two planes X and Y are 180 miles apart and moving from opposite direction at a rate of 20 and 30 miles per hour respectively. How many miles is covered by the slower plane when they intersect?

- | | | |
|-------------|-------------|-------------|
| 1. 50 miles | 3. 90 miles | 5. 80 miles |
| 2. 72 miles | 4. 60 miles | |

46. The length of an envelope is $24 \frac{1}{5}$ cm.. Three holes at $11 \frac{1}{5}$ cm. Apart are placed at the center of the envelope. How far apart is the side of the envelope to the first hole in centimeter?

- | | | |
|-------------------|----------------------|-------|
| 1. $\frac{9}{10}$ | 3. $1 \frac{1}{5}$ | 5. 13 |
| 2. $\frac{7}{10}$ | 4. $12 \frac{1}{10}$ | |

47. 4% of 510 lbs. Of sea water is salt. How much pure water is to be extracted to make it contain 17% salt?

- | | | |
|-------------|---------------|------------|
| 1. 220 lbs. | 3. 397 lbs. | 5. 290lbs. |
| 2. 390 lbs. | 4. 107.1 lbs. | |

48. The population of the present time is 20% less than the previous population. If the present population is 4, 000. What is the previous population?

- | | | |
|-----------|-----------|----------|
| 1. 5, 000 | 3. 4, 200 | 5. 8,000 |
| 2. 5, 200 | 4. 5, 800 | |

PROBLEM SOLVING

1. A man bought cashew nuts worth P 210/ Kilo and peanuts at P 130/ Kilo. How many kilos of cashew nuts and peanuts, where in it will become 5 kilos worth P178 per kilo?

- | | | | | |
|--------|--------|--------|--------|---------|
| 1. 1:4 | 2. 4:1 | 3. 2:3 | 4. 3:2 | 5. none |
|--------|--------|--------|--------|---------|

2. A female Honey bee has two parents while male Honey bee has one parent: How many grand parents are there?

1. 2 2. 3 3. 4 4. 4.5 5. more than five

3. 8 cans of stock has 6 cans for display. The remaining 6 cans of stock less 4 cans for display. How many cans of stock remained in the bodega?

1. 2 2. 3 3. 4 4. 5 5. 6

4. A man has 2 hrs. at his disposal. How far can he ride at the rate of 20 km per hr. and return by walking at the rate of 5 km. per hr.

1. 8 2. 10 3. 11 4. 12 5. 13

5. A perimeter of a rectangle is 24 feet. If the width of the rectangle is X ft. How many square Feet is the area of the rectangle?

6. A Laundry women bought a washing machine cost P 1350. Before, it cost her P250 to wash clothes but now with the washing machine, it cost her P160 in washing clothes. In how many months that she has to pay her washing machine from her savings?

1. 15 2. 18 3. 20 4. 24 5. 16

7. A broker sold a house and lot worth 1.6 million at 5 ½ % commission. How did he receive?

1. P 58, 000.00 3. P 78,000.00 5. none of these
2. P68, 000.00 5. P88,000.00

8. If four books of equal thickness placed one of top of the other reach a height of 19 cm. How many centimeters thick is each of the book?

1. 3.75 3. 4.5 5. none of this
2. 4.25 4.4.75

9. Which of the following is equal to 1 ?

- | | | |
|------------------|------------------|------------------|
| 1. $\frac{1}{0}$ | 3. $\frac{0}{0}$ | 5. none of these |
| 2. $\frac{0}{1}$ | 4. .01 | |

10. Three boys weigh 55 kilos, 45 kilos and 51 kilos, respectively. What must be the weight of the 4th boy if the average weight of the following boys is to be 52 kilos?

- | | | |
|-------|-------|-----------------|
| 1. 58 | 3. 54 | 5. none of this |
| 2. 57 | 4. 52 | |

11. Which of the following numbers is the largest?

- | | | |
|-------------|--------------|------------------|
| 1. 6% of 20 | 3. 10% of 15 | 5. none of these |
| 2. 8% of 16 | 4. 12% of 12 | |

12. Mrs. Dizon's 33 acres of sugar beets yielded 495 bushels. What was the average yield per acre?

- | | | |
|-------|-------|------------------|
| 1. 15 | 3. 13 | 5. none of these |
| 2. 14 | 4. 12 | |

13. The larger of two number is even times the smaller number. What is the larger numbers if their sum is 56?

- | | | |
|-------|-------|------------------|
| 1. 49 | 3. 35 | 5. none of these |
| 2. 42 | 4. 28 | |

14. A popular model estimated her clothing needs as follows:

1 gown at P450.00

2 pairs of shoes at P89.95 each

3 pairs of panty hose at P15.95 each

2 shirts at P75.00 each

1 blouse at P99.95

1 dress at P189.95

15. How many money does she have to raise to met her clothing needs?m

- | | | |
|---------------|---------------|------------------|
| 1. P902.80 | 3. P920.80 | 5. none of these |
| 2. P1, 116.70 | 4. P1, 171.65 | |

16. There are 30 boys in a class. If the ration of the boys to girls is 3:5, how many girls are in the class?

- | | | |
|-------|-------|---------|
| 1. 35 | 3. 35 | 5. none |
| 2. 45 | 4. 55 | |

17. A factory reduced the number of its workers from 6, 900 to 3, 795. What percent of the total number of employees was laid off?

- | | | |
|-------|-------|---------|
| 1. 25 | 3. 35 | 5. none |
| 2. 36 | 4. 55 | |

18. If twelve men can assemble 5 cars in a week, how many men are needed to assemble 15 cars in a week?

- | | | |
|-------|-------|---------|
| 1. 23 | 3. 33 | 5. none |
| 2. 36 | 4. 43 | |

19. Attendance in a big rally was estimated to be one and a half million people. Written out, this is the same as:

- | | | |
|---------------|---------------|---------|
| 1. 1, 000,000 | 3. 1,005, 000 | 5. none |
|---------------|---------------|---------|

2. 1, 500,000 4. 1,050,000

20. Mr. Perez bought a P5,000.00 refrigerator on installment basis. He paid 25% as down payment. How much will he be paying monthly for 12 months?

1. P300.00 3. P315.00 5. none
2. P312.50 4. P350.50

21. A folding bed on a sale has been marked P84.00. If this price is 30% less than the original price. For how much was the bed previously selling?

1. P109.20 3. P120.00 5. none
2. P112.00 4. P148.00

DATA SUFFICIENCY

1. A magazine has a nationwide circulation of 2,000,000 copies weekly. Regular subscribers from Luzon received 43% of all the copies; Visayas, 30% and Mindanao, 22%. How many more copies are left to be sold?

1. number of copies sold at newsstand
2. price of each copy
3. value of the whole circulation
4. price of yearly subscription
5. no information lacking

2. Miss Ramos paid her account with the Cooperative Store in equal payments twice a month. If the total amount paid was P 576, how much did each payment amount to?

1. amount to Miss Ramos account
2. number of months the account was paid
3. percent of interest charged on the account
4. amount of monthly salary deduction
5. no information lacking

3. Miss Jorge bought a clearance sale, where prices of all items were reduced. A desk fan regularly priced P 1, 735 and an oven toaster regularly priced 3, 695. How much did she save in the two items?
1. amount saved in buying the oven toaster
 2. amount saved in buying the desk fan
 3. rate of discount
 4. sale price of the desk fan
 5. no information lacking

PHIL. CONSTITUTION

1. How many years that the constitution can be amended?

1. 3 2. 5 3. 6 4. 7 5. 10

2. What is the retirement age of a justice?

1. 65 2. 75 3. 70 4. 78 5. 80

3. What disqualified a voter to vote during election?

1. illiterate
2. not able to read and write
3. poor
4. Filipino citizen
5. less than six months of residence

4. No person shall be held to answer for a criminal offense without _____.

- | | |
|------------------------|-----------------|
| 1. public trial | 4. hearing |
| 2. cross – examination | 5. speedy trial |
| 3. due process of law | |

5. In all criminal prosecutions, the accused shall be presumed ____ until the contrary is proved.

1. innocent
2. acquitted of the crime
3. guilty of the crime
4. put in prison
5. arrested

6. What agency of the government that can declare that the city is a highly organized city?

1. Department of Interior and Local Government
2. Department of Budget and Finance
3. Department of Secretary
4. Department of Education
5. Department of Agrarian Reform

7. _____ inflicts punishment without trial.

- | | |
|--------------------------|-----------------------|
| 1. Writ of Habeas Corpus | 4. Subpoena |
| 2. Bill of Attainder | 5. Reclusion Perpetua |
| 3. Ex- Post Facto Law | |

8. _____ implies that the State is the guardian of the people/

9. What government institution that can initiate the impeachment of the Presidency?

1. Supreme Court
2. House of Senate
3. House of Representative/ Congress
4. Lower Court
5. Cabinet

10. Which was the largest vote to impeach the President?

1. House of the Senate
2. House of the Congress
3. Cabinet
4. Office of the Ombudsman
5. Supreme court

VOCABULARY

1. PALPABLE means most nearly the same as _____.

1. Capable
2. tangible

2. ICHTHYOLOGY means nearly the same as _____.

1. Biology
2. Geology
3. Anthropology
4. Zoology
5. Archeology

WORD ANALOGY

1. CORRESPONDENCE is to CLERK as RECORD is to _____

2. TRIPOD is to _____ as STATUE is to _____

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2. Miss Ramos paid her account with the Cooperative Store in equal payments twice a month. If the total amount paid was P576, how much did each payment amount to?
1. amount of Miss Ramos account
 2. number of months the account was paid
 3. percent of interest charged on the account
 4. amount of monthly salary deduction
 5. no information lacking
3. Miss Jorge bought from a clearance sale, where prices of all items were reduce. A desk fan regularly priced P 1, 735 and an oven toaster regularly priced P3695. How much did she save in the two items?
1. amount saved in buying the oven toaster
 2. amount saved in buying the desk fan
 3. rate of discount
 4. sale price of the desk fan
 5. no information lacking

ANSWER KEY PART IV

ENVIRONMENTAL ISSUES

1. 1
2. 1
3. 1
4. 3
5. 4
6. 5
7. 2
8. 2
9. 3
10. 2

4. 5
5. 2
6. 6
7. 3
8. 2
9. 4
10. 3

VOCABULARY (Please follow the numbering)

CURRENT EVENTS

1. 1
2. 5
3. 5
4. 4
5. 5
6. 5
7. 4
8. 1
9. 4
10. 3

1. 3
2. 1
3. 2
4. 2
5. 1
6. 1
7. 4
8. sieve, analyze, examine
9. distortion, imitation, description
10. 3
11. mapipigilan
12. sturdy
13. 2
14. decrease, decline, shrivel
15. sacrifice
16. accusation, impeachment
17. tendency, inclination
18. favourable
19. trace, mark, sign, indication, remains, suggestion
20. fleeing, escaping, transient
21. atubili, alanganin
22. amazed, astonish, compound, stagger, daze
23. uncontrolled, unrestrained, standing, rank, rearing
24. jeopardy, hazard, danger, risk, menace, vulnerability
25. cruel, inhuman, brutal, degraded, sensual
26. potential, undeveloped, unrealized, dormant, tacit
27. reserved, quiet, silent, very little, mum, mute

LOGICAL ANALYSIS

1. 2
2. 2
3. 1
4. 5
5. 2
6. 1
7. 2

IDIOMATIC EXPRESSIONS

1. 2
2. 1
3. 2

28. effective, effectual, vigorous, severe,
sarcastic, strong

29. 1

30. 1

31. 2

32. 4

SINGLE WORD APPROACH

1. 1

2. 2

3. 4

4. 4

5. 3

6. 3

7. 5

8. 1

9. 2

10. 2

DOUBLE WORD APPROACH

1. 1

2. 1

3. 1

4. 2

5. 3

SENTENCE COMPLETION

1. 1

NUMBER SERIES

1. 2

2. 3

3. 3

4. 1

PROBLEM SOLVING

1. 2

2. 3

3. 1

4. 1

5. 2

6. 4

7. 1

8. 5

9. 1

10. 3

11. 4

12. 1

13. 4

14. 5

15. 3

16. 3

17. 3

18. 3

19. 3

20. 3

21. 2

22. 1

23. 2

24. 1

PROBLEM SOLVING

1. 4

2. 5

3. 3

4. 1

5. —

6. 1

7. 4

8. 4

9. 5

10. 2

11. 3

12. 1

13. 1

14. —

15. 5

16. 4

17. 2

18. 2

19. 2

20. 2

21. 5
22. 3

VOCABULARY

1. 2
2. 4

DATA SUFFICIENCY

1. 5
2. 2
3. 3

WORD ANALOGY

1. Archivist
2. Studio: Plaza

PHIL. CONSTITUTION

1. 2
2. 3
3. 5
4. 3
5. 1
6. 1
7. 2
8. Parents Patria
9. 3
10. 1

ANSWER KEY PART V

EXAMINEES DESCRIPTIVE QUESTIONNAIRE

- | | |
|-------|-------|
| 1. 1 | 15. 1 |
| 2. 2 | 16. 1 |
| 3. 3 | 17. - |
| 4. 1 | 18. - |
| 5. 4 | 19. - |
| 6. 5 | 20. - |
| 7. 1 | 21. 1 |
| 8. 4 | 22. 5 |
| 9. 2 | 23. 5 |
| 10. 2 | 24. 3 |
| 11. 3 | 25. 2 |
| 12. 4 | 26. 3 |
| 13. 1 | 27. 2 |
| 14. 1 | 28. 3 |
| | 29. 1 |
| | 30. 3 |
| | 31. 3 |
| | 32. 5 |

33. 3	86. 3
34. 5	87. 2
35. 5	88. 1
36. 1	89. 3
37. 3	90. 5
38. 2	91. 5
39. 3	92. 2
40. 3	93. 3
41. 4	94. 1
42. 5	95. 2
43. 2	96. 3
44. 5	97. 4
45. 2	98. 5
46. 1	99. 3
47. 4	100.2
48. 3	101.5
49. 1	102.2
50. 1	103.1
51. 4	104.3
52. 1	105.5
53. 5	106.4
54. 1	107.2
55. 1	108.3
56. 3	109.4
57. 3	110.1
58. 1	111.2
59. 1	112.5
60. 4	113.5
61. –	114.3
62. –	115.5
63. –	116.2
64. –	117.5
65. –	118.5
66. –	119.3
67. 5	120.5
68. 3	121.2
69. 3	122.4
70. 2	123.3
71. 2	124.3
72. 3	125.4
73. 2	126.1
74. 2	127.4
75. 3	128.2
76. 4	129.3
77. 4	130.1
78. 2	131.1
79. 1	132.3
80. 4	133.5
81. 5	134.4
82. 1	135.5
83. 5	136.3
84. 5	137.3
85. 1	138.3

139.2	162.3
140.2	163.52
141.4	164.4
142.1	165.2
143.4	166.2
144.2	167.2
145.4	168.3
146.4	169.3
147.2	170.4
148.5	
149.4	
150.5	
151.5	
152.4	
153.3	
154.5	
155.5	
156.3	
157.3	
158.4	
159.1	
160.4	
161.4	

ANSWER KEY PART II

- 1. 1
- 2. 4
- 3. 1
- 4. 1
- 5. 4
- 6. 4
- 7. 1
- 8. 1
- 9. 5
- 10. 4
- 11. 2
- 12. 3
- 13. 4
- 14. 4
- 15. 1
- 16. 3
- 17. 5
- 18. 1
- 19. 4
- 20. 3
- 21. 2
- 22. 5
- 23. 1
- 24. 1
- 25. 3
- 26. 5
- 27. 5
- 28. 3
- 29. 2
- 30. 2
- 31. 3
- 32. 3
- 33. 5
- 34. 4
- 35. 1
- 36. 3
- 37. 4
- 38. 3
- 39. 4
- 40. 5
- 41. 3

WORD ANALOGY

Single Word Approach

- 1. 2
- 2. 2
- 3. 2
- 4. 1
- 5. 5
- 6. 3
- 7. 5
- 8. 2
- 9. 2
- 10. 3
- 11. 5
- 12. 3
- 13. 3
- 14. 2
- 15. 4
- 16. 3
- 17. 3
- 18. 4
- 19. 1
- 20. 3

- 21. 5
- 22. 2
- 23. 1
- 24. 3
- 25. 2
- 26. 2
- 27. 5
- 28. 2

DOUBLE WORD APPROACH

- 1. 5
- 2. 5
- 3. 4
- 4. 1
- 5. 3
- 6. 5
- 7. 2
- 8. 1
- 9. 2
- 10. 3
- 11. 5
- 12. 3

VOCABULARY

- 1. 3
- 2. 4
- 3. 3
- 4. 4
- 5. 2
- 6. 2
- 7. 2
- 8. 4
- 9. 1
- 10. 2
- 11. 3
- 12. 5
- 13. 2
- 14. 1
- 15. 2
- 16. 1
- 17. 2
- 18. 1
- 19. 2
- 20. 5
- 21. 4
- 22. 4
- 23. 5
- 24. 2
- 25. 1
- 26. 4
- 27. 3
- 28. 4
- 29. 4
- 30. 2
- 31. 4
- 32. 2
- 33. 1
- 34. 1
- 35. 1
- 36. 2

- 37. 4
- 38. 1
- 39. 3
- 40. 4
- 41. 4
- 42. 2
- 43. 2
- 44. 1
- 45. 4
- 46. 1
- 47. 2
- 48. 2
- 49. 3
- 50. 2
- 51. 4
- 52. 4
- 53. 3
- 54. 1
- 55. 2
- 56. 2

CULTURE SHOCK

- 1. 3
- 2. 3
- 3. 1
- 4. 3
- 5. 4
- 6. 3
- 7. 4
- 8. 4
- 9. 1
- 10. 2
- 11. 4
- 12. 1
- 13. 1
- 14. 2
- 15. 3
- 16. 5
- 17. 1
- 18. 1
- 19. 4
- 20. 2

NUMBER ANALOGY

- 1. 4
- 2. 3
- 3. 2
- 4. 1
- 5. 3
- 6. 3
- 7. 4
- 8. 2
- 9. 4
- 10. 1
- 11. 2
- 12. 3
- 13. 2
- 14. 4
- 15. 2
- 16. 2
- 17. 2
- 18. 1

- 19. 3
- 20. 4
- 21. 5
- 22. 4

PROBLEM SOLVING

- 1. 1
- 2. 3
- 3. 2
- 4. 3
- 5. 2
- 6. 2
- 7. 1
- 8. 2
- 9. 5
- 10. 3
- 11. 1
- 12. 1
- 13. 5
- 14. 2
- 15. 2
- 16. 5
- 17. 3
- 18. 3
- 19. 4
- 20. 4
- 21. 3
- 22. 2
- 23. 5
- 24. 4
- 25. 2
- 26. 3
- 27. 1
- 28. 3
- 29. 2
- 30. 4
- 31. 2
- 32. 2
- 33. 4
- 34. 4
- 35. 5
- 36. 3
- 37. 3
- 38. 2
- 39. 5
- 40. 3
- 41. 1
- 42. 3
- 43. 4
- 44. 2
- 45. 1
- 46. 1
- 47. 2
- 48. 3
- 49. 2
- 50. 5
- 51. 4
- 52. 3
- 53. 5
- 54. 1
- 55. 5
- 56. 4
- 57. 2
- 58. 1
- 59. 4

- 60. 2
- 61. 1
- 62. 3
- 63. 2
- 64. 3
- 65. 5
- 66. 1
- 67. 2
- 68. 1
- 69. 43
- 70. 5
- 71. 1
- 72. 3
- 73. 1
- 74. 4
- 75. 2
- 76. 4
- 77. 2
- 78. 3
- 79. 2
- 80. 3
- 81. 2
- 82. 3
- 83. 1

IDENTIFYING ERROR

- 1. 3
- 2. 3
- 3. 1
- 4. 5
- 5. 3
- 6. 2
- 7. 3
- 8. 2
- 9. 4
- 10. 2
- 11. 1
- 12. 1
- 13. 5
- 14. 2
- 15. 3
- 16. 3
- 17. 1
- 18. 3
- 19. 3
- 20. 1
- 21. 5
- 22. 1
- 23. 3
- 24. 4
- 25. 5
- 26. 1
- 27. 3
- 28. 4
- 29. 4
- 30. 2

GRAMMAR AND CORRECT USAGE

- 1. 1
- 2. 1
- 3. 2
- 4. 4

- 5. 1
- 6. 1
- 7. 1
- 8. 2
- 9. 2
- 10. 4
- 11. 4
- 12. 3
- 13. 2

SENTENCE COMPLETION

- 1. 1
- 2. 4
- 3. 3
- 4. 1
- 5. 1
- 6. 5
- 7. 4
- 8. 2
- 9. 3
- 10. 3
- 11. 1
- 12. 53
- 13. 3
- 14. 2
- 15. 1
- 16. 2
- 17. 4