



***Philippines Civil Service Exam  
Complete Reviewer  
for 2020***

# Philippines Civil Service Exam

## Complete Reviewer

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Detailed solutions for Math are solved by: Leonalyn Mutia-Tayone

For any questions or clarification, just PM me.

Fb group: <https://www.facebook.com/groups/121644125187853/>

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I made this **FREE** for everyone and hopefully you will pass these coming 2020 exams

All of these are taken from various online reviewers and books, and previous CSE exams (shared by those who took the exam).... while I provided the detailed solutions for Math problems with complete tutorial videos.

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## EXAMINEES DESCRIPTIVE QUESTIONNAIRE

The 20 items that follow are information about you. Please supply the information as HONESTLY and ACCURATELY as you can.

The data that will be obtained from these items shall be held strictly confidential.

Each item is followed by several possible answers. On your sheet, shade completely the box that corresponds to the number of the answer that specifically pertains to you.

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1. Sex : 1. Male 2. Female

2. Civil Status : 1. Single 2. Married  
3. Widow/widower 4. Separated/Divorce

3. Age bracket where you belong :

1. 18-24 years old 2. 25-31 years old 3. 32-28 years old  
4. 39-45 years old 5. More than 45 years old

4. Highest educational attainment:

1. College graduate 2. Diploma/Certificate  
3. With Master's Units 4. Master's Degree  
5. With Ph.D. Units/Degree

5. Year of last attendance in school :

1. Before 1985 2. 1986-1990 3. 1991-1995  
4. 1996-2000 5. After 2000

6. What honours did you receive when you graduated from college?

1. Summa Cum laude 2. Magna Cum laude 3. Cum laude  
4. Other academic award 5. None/not applicable

7. Present employment:

1. Government 2. Private 3. Self-employed

8. Type of present job:

1. Professional/Technical/Scientific  
2. General Clerical  
3. Trades and crafts (jobs requiring manual dexterity of application of manual/mechanical/  
artistic skills)  
4. Others  
5. Not applicable

9. Length of experience in present job:

1. Less than one year  
2. One to two years  
3. Three to four years  
4. More than four years  
5. Unemployed

10. Do you have any of the following first level eligibilities:

Second Grade, Municipal/Provincial Clerk, General Clerical, Career Service Sub-  
Professional(Local Government), Career Service Sub-professional  
1. Yes 2. No

11. For what reason are you taking this examination?

1. Entrance to government service
2. Change of appointment status
3. Promotion
4. Others

12. How many times have you taken the Career Service Professional? Examination excluding this one?

1. Once
2. Twice
3. Thrice
4. More than thrice
5. Never

13. Which of the following activities did you undertake in preparing for this examination?

1. Enrolled in review centers
2. Studied career service examination reviewers sold at bookstore
3. Engage in other activities
4. Used a combination of 1 and 2.
5. No preparation done at all

**Items 14 to 16 (For Government Employees Only):**

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14. Category of government office where employed:

1. National government
2. Local government (province/city/municipal)
3. Government-owned or controlled corporation
4. Constitutional office
5. State college or university

15. Status of present appointment in government service:

1. Permanent
2. Temporary
3. Casual/Emergency
4. Contractual
5. Substitute

16. Years of experience in government service:

1. Less than 5 years
2. 5-9 years
3. 10-14 years
4. 15-19 years
5. More than 19 years

**Items 17 to 20**

In which of the following types of work do you consider yourself best qualified? Choose only two from among the options listed in items 17-20. Shade the boxes that corresponds to your choices. For example, if you think you are best qualified in budget management, and project planning/management, shade box no. 2 of item 17 and box no. 3 of item . Leave items 18 and 20 blank. If you think you are best qualified in research/report including statistical analysis, shade box no. 1 and no. 2 of item 20 on your Answer sheet, and leave items 17 and 19 blank.

17.      1. Accounting                      2. Budget Management  
            3. Buying/Purchasing          4. Co-ordination  
            5. Computer Operations

18.      1. EDP Computer Programming  
            2. EDP System Analysis and Design  
            3. Human Resource Development  
            5. Management and Audit Analysis

19.      1. News/Feature Writing              2. Personal Recruitment/Selection  
            3. Project Planning/Management  
            4. Public Relation Work  
            5. Records Management

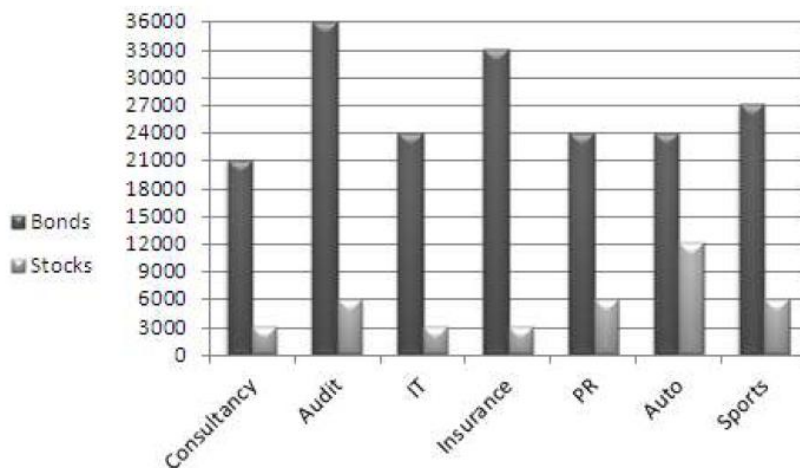
20. 1. Research / Report Writing      2. Statistical Analysis  
 3. Stenography                              4. Supplies Management  
 5. None of the Above

\*\*\*\*\* TEST BEGINS HERE \*\*\*\*\*

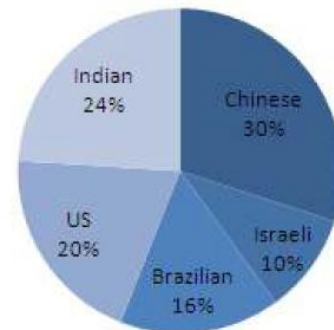
## GRAPHS / Charts / Data Free reviewer for all... arranged by Leonalyn Mutia-Tayone

### T.M. Funds - 2011

**Distribution of Securities (000s)**



**Origin of Insurance Securities**



1. If the number of Chinese Insurance stocks represented 3.5% of all Insurance securities, approximately how many Insurance bonds were Chinese?

- a. 9,200,000      b. 9,500,000      c. 10,800,000      d. 910,000      e. 1,080,000

For Q2 to Q6: The following bar chart shows the trends of foreign direct investments (FDI) into Philippines from all over the world.



2. What was the ratio of investment in 1997 over the investment in 1992 ?

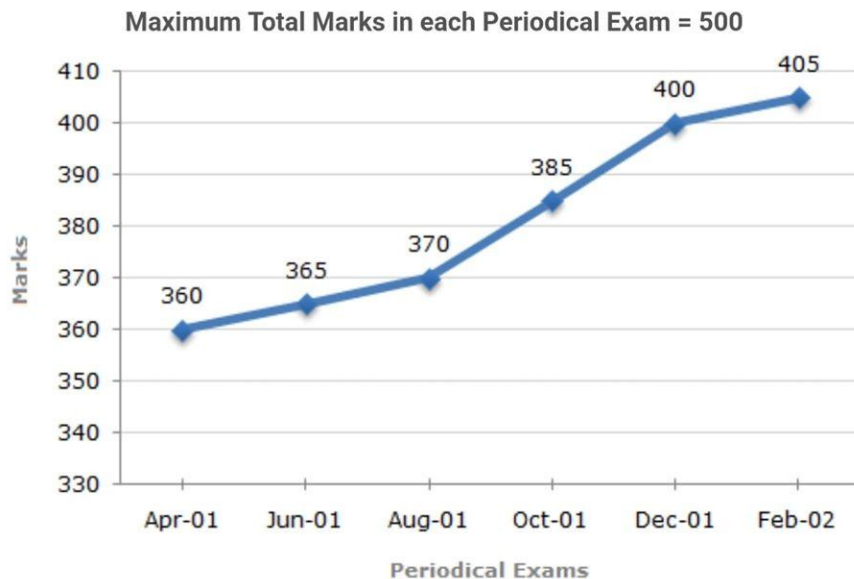
- a. 5.50      b. 5.36      c. 5.64      d. 5.75

3. What was absolute difference in the FDI to Philippines in between 1996 and 1997 ?  
 a. 7.29                      b. 7.13                      c. 8.13                      d. None of these
4. If Philippine FDI from OPEC countries was proportionately the same in 1992 and 1997 as the total FDI from all over the world and if the FDI in 1992 from the OPEC countries was Euro 2 million. What was the amount of FDI from the OPEC countries in 1997 ?  
 a. 11                      b. 10.72                      c. 11.28                      d. 11.5
5. Which year exhibited the highest growth in FDI in Philippines over the period shown ?  
 a. 1993                      b. 1994                      c. 1995                      d. 1996
6. What was Philippines' total FDI for the period shown in the figure ?  
 a. 93.82                      b. 93.22                      c. 93.19                      d. None of these

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For Q7 to Q9: Line chart: Marks obtained by student in six periodical held in every two months during the year in the session 2001-2002.

Maximum total marks in each periodical exam = 500



7. What are the average marks obtained by the student in all the periodical exams during the last session?  
 a. 373                      b. 379                      c. 381                      d. 385
8. In which periodical exams there is a fall in percentage of marks as compared to the previous periodical exams ?  
 a. None                      b. June, 01                      c. Oct, 01                      d. Feb, 02
9. The total number of marks obtained in Feb. 02 is what percent of the total marks obtained in April 01 ?  
 a. 110%                      b. 112.5%                      c. 115%                      d. 116.5%

10. The table below shows the data Steve collected while watching birds for one week. How many raptors did Steve see on Monday?

- a. 6 raptors
- b. 7 raptors
- c. 8 raptors
- d. 10 raptors

STEVE'S BIRD-WATCHING PROJECT	
Day	Number of Raptors Seen
Monday	
Tuesday	7
Wednesday	12
Thursday	11
Friday	4
MEAN	8

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## Vocabulary

11.) The following are examples of Palindrome, except.

- a. level
- b. same
- c. deified
- d. noon
- e. murdrum

12.) That perfume always "evokes" pleasant memories.

- a. angers
- b. erases
- c. calls up
- d. confuses

13.) The attorney wanted to "expedite" the process because her client was becoming impatient.

- a. accelerate
- b. evaluate
- c. reverse
- d. justify

14.) The suspect gave a "plausible" explanation for his presence at the scene, so the police decided to look elsewhere for the perpetrator of the crime.

- a. unbelievable
- b. credible
- c. insufficient
- d. apologetic

15.) He based his conclusion on what he "inferred" from the evidence, not on what he actually observed.

- a. predicted
- b. imagined
- c. surmised
- d. implied

16.) Sila ay nagdadamayan sa hirap at ginhawa. Sila ay totoong "naghihramang suklay"

- a.) mag asawa
- b.) magkapatid
- c.) magkaibigan
- d.) magka anak

17.) There is no PANACEA that will solve our financial difficulty.

- a.) cure-all
- b.) answer
- c.) paradox
- d.) criteria

18. A multifarious task would

- a. have many different components.
- b. have very few components.
- c. be very complex.
- d. be impossible to complete.

19. Plaintive cries would be

- a. musical, soothing.
- b. plain, uninteresting.
- c. loud, jarring.
- d. sorrowful, mournful.

20. People with inveterate beliefs
- a. can be easily manipulated.
  - b. have adopted their beliefs from another.
  - c. hold their beliefs deeply and passionately.
  - d. change their beliefs frequently.
21. If you were involved in an altercation, you
- a. had an accident.
  - b. had a heated argument.
  - c. served in a war.
  - d. were part of a conspiracy.
22. If you are a contentious person, you
- a. are usually right.
  - b. believe in "an eye for an eye."
  - c. always try to keep the peace.
  - d. are very competitive and quarrelsome
23. If you are part of a cabal, you
- a. are involved in a secret plot.
  - b. are participating in a protest.
  - c. belong to the majority.
  - d. are fighting against the enemy
24. If you are a bellicose leader, you
- a. do everything in your power to avoid war
  - b. are eager to wage war.
  - c. remain neutral during international conflicts.
  - d. treat all citizens equally
25. If an apocalypse is near, you can expect
- a. a period of extended peace.
  - b. a time of anarchy.
  - c. total devastation and destruction.
  - d. an invasion
26. If your country suffers an incursion, your territory
- a. has been invaded.
  - b. is in a depression.
  - c. has seceded to form a new state.
  - d. has had a natural disaster
27. If you meet your nemesis, you meet
- a. the leader of your country.
  - b. your guardian angel.
  - c. the cause of your misfortunes.
  - d. the person who decides your fate.
28. If you pillage a village, you
- a. set it on fire.
  - b. destroy it with bombs.
  - c. negotiate peace between warring tribes.
  - d. ransack it and steal as much as you can.
29. If you are a placid person, you
- a. are usually calm and peaceful.
  - b. are always trying to pick a fight.
  - c. are disloyal.
  - d. are not to be trusted.
30. If you plan a reprisal, you
- a. plan to surrender.
  - b. plan to retaliate.
  - c. hope to negotiate a cease-fire.
  - d. plan to desert the army.



# Idiomatic Expression & Correct Grammar/Spelling:

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31. If you don't spill the beans now, you might gonna regret it.
- a. spread rumors
  - b. let out a secret
  - c. plant some seeds
  - d. none of the above
32. Hey, man, you are absolutely barking up the wrong tree here because I'm innocent.
- a. choosing the wrong dog
  - b. giving up a fight
  - c. accusing the wrong person
  - d. setting up an event in a tree
33. One proven way to beat an enemy is find his Achilles heel.
- a. secret strategy
  - b. amulet
  - c. strong point
  - d. weak spot
34. His new Ferrari costs an arm and a leg so he is now looking for another job.
- a. very expensive
  - b. got fired
  - c. met an accident
  - d. was stolen
35. He married a woman who was born with a silver spoon in her mouth.
- a. born very beautiful
  - b. born very poor
  - c. born into a very rich family
  - d. born very talkative
36. They were able to WEATHER the storm.
- a. reached home safely
  - b. survived the crisis
  - c. defeated the enemies
  - d. realized their mistakes
  - e. predicted the calamity
37. TRUST men and they will be true to you.
- a. a man is loyal in whom confidence had been placed
  - b. man must trust you to be faithful to you
  - c. a secret is a test of friendship
  - d. destruct the people justifies their deserving
  - e. trust all men in everything or more in anything
38. CUT your coat to your cloth.
- a. walk in accordance with your ability
  - b. desire only what you can afford
  - c. patronize first your own product
  - d. express only relevant ideas
  - e. dress up according to the accessories
39. Paddle your own CANOE.
- a. always tries his best
  - b. earn his own money
  - c. have self-respect
  - d. learn from his mistakes
  - e. be self-reliant
40. This report leaves much to be DESIRED.
- a. satisfactory
  - b. longed
  - c. important
  - d. legible
  - e. ready

**For each of the following sentences, choose the correct spelling for the missing word.**

41. The journalist made a \_\_\_\_\_ to finish the article by Friday.  
a. commitment      b. committent      c. comittment      d. comitment
42. Dad thinks it is \_\_\_\_\_ to stay up late on a school night.  
a. rediculous      b. rediculus      c. ridiculous      d. ridiculus
43. The large donation came from an \_\_\_\_\_ source.  
a. anynonymous      b. anonimous      c. anounymous      d. anonymous
44. The scientists had to do an \_\_\_\_\_ amount of research on the project.  
a. extraordinary      b. extraordinery      c. extrordinary      d. ecstraordinary
45. The customer service representative gave his \_\_\_\_\_ that the refund would be made within two weeks.  
a. asurance      b. assurance      c. assurence      d. assureance
46. The purpose of the new city ordinance was debated \_\_\_\_\_.  
a. frequently      b. frequintly      c. frequently      d. frequentley
47. Throughout the trial, the \_\_\_\_\_ was placed on scientific evidence.  
a. enphasis      b. emphisis      c. emphasis      d. emfasis
48. The presidential candidate refused to \_\_\_\_\_ the election until every vote was counted.  
a. concede      b. conceed      c. consede      d. conseed
49. Each of the new employees had similar \_\_\_\_\_.  
a. asspirations      b. asparations      c. aspirrations      d. aspirations
50. The young man wished to \_\_\_\_\_ his right to speak freely.  
a. excercise      b. exercise      c. exersize      d. exercize

## Analogy and Logic Test

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51. Computer : fqprxvht :: Language : ?  
a. ocqixcig      b. oxpidxig      c. ocqicyig      d. ocqixcjg
52. Genuine : Authentic :: Mirage : \_\_\_\_\_  
a. Illusion      b. Image      c. Hideout      d. Reflection
53. SECLUSION : HERMIT ::  
a. wealth: embezzler      c. domination : athlete      e. injustice : lawyer  
b. ambition : philanthropist      d. turpitude : introvert
54. philanthropist : munificence ::  
a. aristocrat : gratitude      c. symptom : treatment      e. cynic : melancholy  
b. skeptic : disbelief      d. anomaly : plausibility

55. Vague : Nebulous ::

- |                             |                         |
|-----------------------------|-------------------------|
| a. spectacular : legitimate | c. magical : impressive |
| b. mundane : commonplace    | d. steep : shallow      |

56. Diaphanous : Opaque

- |                         |                              |                      |
|-------------------------|------------------------------|----------------------|
| a. dishevelled : messy  | c. disrespectful : injurious | e. distraught : calm |
| b. disconsolate : happy | d. disallow : reject         |                      |

57. FRAME : PICTURE

- |                         |                           |                     |
|-------------------------|---------------------------|---------------------|
| a. display : museum     | c. mechanic : electrician | e. fence : backyard |
| b. shelf : refrigerator | d. nail : hammer          |                     |

58. SEARCH : FIND

- |                       |                   |               |
|-----------------------|-------------------|---------------|
| a. sleep : wake       | c. draw : paint   | e. walk : run |
| b. explore : discover | d. think : relate |               |

59. PHARMACY : DRUGS

- |                      |                                 |                 |
|----------------------|---------------------------------|-----------------|
| a. mall : store      | c. bakery : bread               | e. toys : games |
| b. doctor : medicine | d. supermarket : discount store |                 |

60. LAYER : TIER

- |                      |                    |                  |
|----------------------|--------------------|------------------|
| a. section : segment | c. curtain : stage | e. cotton : bale |
| b. dais : speaker    | d. chapter : verse |                  |

61. Children are in pursuit of a dog whose leash has broken. James is directly behind the dog. Ruby is behind James. Rachel is behind Ruby. Max is ahead of the dog walking down the street in the opposite direction. As the children and dog pass, Max turns around and joins the pursuit. He runs in behind Ruby. James runs faster and is alongside the dog on the left. Ruby runs faster and is alongside the dog on the right. Which child is directly behind the dog?

- a. James      b. Ruby      c. Rachel      d. Max

62.) Tom puts on his socks before he puts on his shoes.

He puts on his shirt before he puts on his jacket.

Tom puts on his shoes before he puts on his shirt.

If the first two statements are true, the third statement is

- a. true      b. false      c. uncertain.

63.) Tanya is older than Eric.

Cliff is older than Tanya.

Eric is older than Cliff.

If the first two statements are true, the third statement is

- a. true      b. false      c. uncertain

64.) Statement: In the recently held all Philippine Nursing conference, the session on 'Vaccination Campaign' surprisingly attracted a large number of participants and also received very good media coverage.

Assumptions:

I. Media is always very positive towards the Service sector.

II. The service sector is managed properly in Philippines.

III. People weren't expecting such an encouraging response to the service sector conference.

a. I, II, and III                      b. I and III                      c. I and II                      d. II and III                      e. III only

65.) Subscribing to Cable T.V. is a luxury. All luxuries are needless expenditures. Having a cellular phone is not a luxury. Dining in a Five-Star hotel is a needless expenditure

CONCLUSION:

a.) Having a cellular phone is not a needless expenditure

b.) Subscribing to Cable TV is a needless expenditure

c.) Subscribing to cable TV is not a needless expenditure

d.) Dining in a Five-Star hotel is not a luxury

e.) Dining in a Five-Star hotel is a luxury

66.) A factory worker has five children. No one else in the factory has five children.

a.) All workers in the factory have five children each.

b.) Everybody in the factory has children.

c.) Some of the factory workers have more than five children.

d.) Only one worker in the factory has exactly five children.

67.) Television convinces viewers that the likelihood of their becoming the victim of a violent crime is extremely high; at the same time by its very nature, TV persuades viewers to passively accept whatever happens to them.

a.) TV viewing promotes criminal behaviour.

b.) TV viewers are most likely to be victimized than others.

c.) People should not watch TV.

d.) TV promotes a feeling of helpless vulnerability in viewers.

68.) The government is soon going to introduce a bill which would permit the instituting of private universities under very strict directions.

a.) We have some private universities in our country even now.

b.) The demand for more universities is being stepped up.

c.) Such directions can also be issued without informing the Parliament.

d.) The government gives directions to establish anything in private sector.

e.) Unless and until the directions are given, the private universities can charge exorbitant fees.

69.) All the tulips in Zoe's garden are white.

All the pansies in Zoe's garden are yellow.

All the flowers in Zoe's garden are either white or yellow.

If the first two statements are true, the third statement is

a. true.                      b. false.                      c. uncertain.

- 70.) Three pencils cost the same as two erasers.  
Four erasers cost the same as one ruler.  
Pencils are more expensive than rulers.  
If the first two statements are true, the third statement is  
a. true.                      b. false.                      c. uncertain.

## Reading Comprehension

*Free reviewer for all... arranged by Leonalyn Mutia-Tayone*

- 71.) There are no effective boundaries when it comes to pollutants. Studies have shown that toxic insecticides that have been banned in many countries are riding the wind from countries where they remain legal. Compounds such as DDT and toxaphene have been found in remote places like the Yukon and other Arctic regions.

This paragraph best supports the statement that

- a. toxic insecticides such as DDT have not been banned throughout the world.
- b. more pollutants find their way into polar climates than they do into warmer areas.
- c. studies have proven that many countries have ignored their own anti-pollution laws.
- d. DDT and toxaphene are the two most toxic insecticides in the world.

72. Most researchers in needy countries are based on the thinking and approach of the highly developed Western world, and seldom have they been directed toward meeting the countries' own development needs.

The sentence best supports the statement that \_\_\_\_\_.

- a. highly developed countries offer the best guide for the development of needy countries
- b. most researchers done in needy countries are missing their objectives
- c. most researchers have universal application
- d. needy countries need researchers to help them reach the status of the western world
- e. needy countries spend so much time for conducting researchers

73. Critical reading is a demanding process. To read critically, you must slow down your reading and, with pencil in hand, perform specific operations on the text. Mark up the text with your reactions, conclusions, and questions. When you read, become an active participant.

This paragraph best supports the statement that

- a. critical reading is a slow, dull, but essential process.
- b. the best critical reading happens at critical times in a person's life.
- c. readers should get in the habit of questioning the truth of what they read.
- d. critical reading requires thoughtful and careful attention.
- e. critical reading should take place at the same time each day.

74. Two person look out through the same bars; one sees mud and the other, the stars.

The sentence best supports the statement that \_\_\_\_\_.

- a. some people are more blind than others
- b. people see things differently depending on their own perspective
- c. people have varied ways of looking at different things
- d. people have different tastes and interests
- e. people tend to influence one another's views of things

75. Nagawang mabago ng mga kasalukuyang awitin ang kamalayan ng Pilipino upang kantahin ang sarili niyang mga awit sa tanging wikang nakapagsasatinig sa kanyang kaluluwa.  
Isinasaad ng pangungusap na \_\_\_\_\_.
- madamdamin at makabuluhan ang mga awiting isinulat sa wikang Pilipino
  - tagumpay ang mga awiting Pilipino na mabago ang kaugalian ng mga tao Pilipino
  - madaling matutuhan ang mga awiting Pilipino dahil ang mga ito ay nasusulat sa katutubong wika
  - natututuhan nang tangkilikin ng mga Pilipino ang kanilang mga sariling awitin
  - nagkakaroon na ng kamalayan ang mga Pilipino tungkol sa lahat ng mga awitin ngayon
76. Sixty years ago I know everything ; now I know nothing ; education is a progressive discovery of our own ignorance.  
The sentence best supports the statement that \_\_\_\_\_.
- the older we get, the more we forget what we have learned
  - the older we get, the more knowledgeable we become
  - the more we learn, the more we realize that there's more we need to know
  - we learn more as we grow old
  - ignorance is a lifelong experience
77. In a modern economy, the results of long-range planning frequently depend upon the future value of money. The ability then to predict the value of money is a key to economic progress.  
The paragraph best supports the statement that \_\_\_\_\_.
- the value of money is unpredictable at times
  - the unpredictability of money is an obstacle to a nation's prosperity
  - economic progress is facilitated by properly controlling budgetary expenses
  - long-range planning is unheard of in traditional economies
  - financial planning is indispensable in modern economy
78. Ang pagbaba ng halaga ng piso lumikha ng krisis sa maraming industriya ng bansa. Kasunod nito ang pagtitipid at problema sa kawalan ng mapasukang trabaho. Lumikha rin ito ng pagtataas ng presyo ng mga bilihin na labis nakaapekto sa kita ng mga manggagawa.  
Ayon sa talata \_\_\_\_\_.
- ang kasalukuyang krisis ay bunga ng mga mahal na bilihin at kawalan ng mapasukang trabaho.
  - ang krisis ay nakaapekto sa hangarin ng maraming industriya na makapagbigay ng karagdagang sahod sa kanilang mga manggagawa
  - dumarami ang mga walang hanapbuhay at tumataas ang halaga ng mga bilihin dahil sa krisis
  - maraming industriya ang nalulugi dahil sa krisis kaya itinataas din nila ang presyo ng kanilang mga produkto
  - dahil sa krisis, maraming industriya ang napilitang magsara

**Questions 79–87 are about the following passage.**

*Free reviewer for all... arranged by Leonalyn Mutia-Tayone*

When another old cave is discovered in the south of France, it is not usually news. Rather, it is an ordinary event. Such discoveries are so frequent these days that hardly anybody pays heed to them.

However, when the Lascaux cave complex was discovered in 1940, the world was amazed. Painted directly on its walls were hundreds of scenes showing how people lived thousands of years ago. The scenes show people hunting animals, such as bison or wild cats. Other images depict birds and, most noticeably, horses, which appear in more than 300 wall images, by far outnumbering all other animals.

Early artists drawing these animals accomplished a monumental and difficult task. THEY did not limit themselves to the easily accessible walls but carried their painting materials to spaces that required climbing steep walls or crawling into narrow passages in the Lascaux complex. Unfortunately, the paintings have been exposed to the destructive action of water and temperature changes, which easily wear the images away. Because the Lascaux caves have many entrances, air movement has also damaged the images inside.

Although they are not out in the open air, where natural light would have destroyed them long ago, many of the images have deteriorated and are barely recognizable. To prevent further damage, the site was closed to tourists in 1963, 23 years after it was discovered.

79.) Which title best summarizes the main idea of the passage?

- a. Wild Animals in Art
- b. Hidden Prehistoric Paintings
- c. Exploring Caves Respectfully
- d. Determining the Age of French Caves

80.) In 2nd sentence, the words pays heed to are closest in meaning to \_\_\_\_\_.

- a. discovers
- b. watches
- c. notices
- d. buys

81.) Based on the passage, what is probably true about the south of France?

- a. It is home to rare animals.
- b. It has a large number of caves.
- c. It is known for horse-racing events.
- d. It has attracted many famous artists.

82. According to the passage, which animals appear most often on the cave walls?

- a. Birds
- b. Bison
- c. Horses
- d. Wild cats

83.) the word depict is closest in meaning to \_\_\_\_\_.

- a. show
- b. hunt
- c. count
- d. draw

84.) Why was painting inside the Lascaux complex a difficult task?

- a. It was completely dark inside.
- b. The caves were full of wild animals.
- c. Painting materials were hard to find.
- d. Many painting spaces were difficult to reach.

- 85.) In the 3rd paragraph, the word THEY refers to \_\_\_\_\_.  
a. walls                      b. artists                      c. animals                      d. materials
- 86.) According to the passage, all of the following have caused damage to the paintings EXCEPT \_\_\_\_\_.  
a. temperature changes  
b. air movement  
c. water  
d. light
- 87.) What does the passage say happened at the Lascaux caves in 1963?  
a. Visitors were prohibited from entering.  
b. A new lighting system was installed.  
c. Another part was discovered.  
d. A new entrance was created.

**Questions 88–90 are about the following passage.** *Free reviewer for all... arranged by Leonalyn Mutia-Tayone*

Official records state that the Pueblo Indians lived in New Mexico and Arizona. The word "Pueblo" comes from the Spanish word "pueblo," meaning town or village. The Spaniards found these Indians living in apartment houses, some of them on the side of a cliff in order that they could be reached only by ladders. Whenever they were attacked by Apaches, the Pueblos would pull up the ladders. They grew corn, which they watered with water flowing down in ditches. They wove cloth, made wonderful baskets, and created jars and pots out of clay proving how skilful they were at hand-craft.

- 88.) From the passage we understand that the Pueblo Indians were afraid of ..... .  
a) cliff dwelling                      d) water flowing down in ditches  
b) Apache Indians                      e) solitary life  
c) apartment houses
- 89.) Why the Spaniards called these Indians "Pueblos" is because they ..... .  
a) were close to the Apaches  
b) lived together in a town or village  
c) farmed and brought down water in ditches  
d) pulled up their ladders when attacked  
e) achieved fame thanks to their hand-craft
- 90.) The Pueblo Indians lived on the side of a cliff ..... .  
a) although they had apartment houses  
b) to observe the stars in the sky for rain season  
c) so that they could provide themselves with shelters  
d) and, the didn't have a lake, a stream, or a pond  
e) as long as they were all together



# Paragraph Organization

Free reviewer for all... arranged by Leonalyn Mutia-Tayone

91.) A. One effective way is to diversify his funds to different investments like real estate, stocks and money instruments like bonds and trust funds.

B. It is always best to expand money to different investment wheels.

C. A wise investor must not put all his eggs in one basket.

D. He should always consider the risks involved in investing his money.

1. CBAD      2. CBDA      3. CDAB      4. CDBA

92.)

A. It is very vital to have social media presence however personal blogs serve as web domains.

B. Most people including celebrities and businessmen have blogs nowadays.

C. Therefore, building them will help anyone in promoting himself or his business.

D. Apparently blogs are like our offices only they are in the internet.

1. BDAC      2. BADC      3. BACD      4. BDCA

93.)

A. The basic steps in building a website are easy to remember and registering a domain name is the usual priority.

B. Designing a layout will come after that.

C. Finally, adding more content and social media presence are required to keep your site active.

D. Then you need a hosting provider to host your site's content in the World Wide Web.

1. ABCD      2. ADBC      3. ACBD      4. ADCB

94.)

A. Speaking in English every day is also proven effective.

B. Another way is watching English movies and TV shows particularly with English subtitles.

C. Reading articles in books, newspapers, and magazines is just among the helpful ways.

D. There are many ways to improve and develop English proficiency.

1. DCBA      2. DACB      3. DABC      4. DCAB

95.)

A. Others don't realize yet what to pursue because they have many dreams.

B. Finding the right course in college is one of the most challenging decisions anyone can make.

C. Some people want to pursue their dreams ever since they were just little.

D. Indeed destiny is a matter of choice.

1. BDAC      2. BCDA      3. BADC      4. BCAD

96.)

A. Many innovations without proven results and follow up evaluation are educational wastages

B. One wonders in the final analysis if these changes have been deeply rooted on basic problems of the people they serve.

C. Some curriculum changes were mere fads without foreseeable achievements.

D. What we need are innovations that overcome the mis-education of the young.

1. BACD      2. ACDB      3. ABCD      4. CBAD

97.)

A. By trying, man learns to solve his problems through satisfying acts and eliminate actions which are annoying.

B. He used a hungry cat in a puzzled box where it tried ways to get out in order to get to the food.

C. Edward C. Thorndike's connectionism theory of learning establishes the trial and error way to learn.

D. He established the fact that like the cat, man too, learns by trial and error.

1. ACBD      2. BACD      3. ACDB      4. ABCD

98.) A. A responsive educational system should be directed towards regional cooperation.  
B. Commonality of educational objectives should be replaced by better ways of achieving goals that fit the regional needs.  
C. It is necessary to revolutionize the contemporary methodologies in the teaching-learning processes.  
D. The educational goals should seek for a better way of experimentation in the teaching strategies and technologies.

1. ABCD      2. ABDC      3. BCAD      4. DABC

99.)

A. Before, his religion was basically involved with rituals and ceremonies.  
B. The religion of the teacher helps him in reducing his fears and uncertainties.  
C. His religion responds to his needs for a means to allay fears about the uncertainty of events contrary to natural laws.  
D. Religion is important because it provides spiritual nourishment for his total being.

1. ABCD      2. BACD      3. DBCA      4. CBAD

100.)

A. While passport, airline tickets and valid IDs are required, proof of financial capacity may be required for visa application.  
B. Many Filipinos rejoiced hearing that good news.  
C. The Bureau of Immigration announced recently that proof of financial capacity is not a primary requirement at the airport.  
D. Positive points go to the bureau for this.

1. CBAD      2. CADB      3. CABD      4. CBDA

101.)

A. This will be one of your tickets to land a job in the government.  
B. That is why many people apply to take the Career Service examination.  
C. If you passed the exam, you will get a certificate of eligibility.  
D. Career Service Eligibility is a major requirement to apply for a job position in the government.

1. DCBA      2. DBAC      3. DBCA      4. DCAB

102.)

A. Your passport will arrive in 7 days if you choose the rush processing.  
B. Getting a passport is faster nowadays.  
C. Now, it only takes about 10 working days.  
D. Compared before, it would take about a month for the regular processing.

1. BCAD      2. BDCA      3. BADC      4. BACD

103.)

A. Facebook has been the number one social network in the web and the world for quite long now.  
B. Mobile instant messaging apps are also dominating social presence in the internet.  
C. After many acquisitions, Facebook bought Instagram, one of the fastest growing photo sharing networks.  
D. Because of that, Facebook acquired WhatsApp, a leading instant chat platform like Kakaotalk.

1. ACBD      2. ABCD      3. ADCB      4. ADBC

104.)

A. They will help you to purchase through zero-interest installment schemes.  
B. Thus, you must be wise and pay in full if you want to avoid never-ending debts.  
C. Credit cards are helpful if you know how and when to use them wisely.  
D. However, they will produce interests from interests if you didn't pay the whole amount at the due date.

1. CDBA      2. CABD      3. CDAB      4. CADB

105.)

- A. Although the government is willing to put resources to education ,alone, it cannot do the job.
  - B. Education Act of 1980 provides an all encompassing activity with participation at all educational levels and sectors.
  - C. The private schools have to be partners.
  - D. The Act not only strengthens but equips the DepEd with its regulatory and developmental tasks as well
1. BACD      2. ABCD      3. DBCA      4. CADB

## Clerical Operation

*Free reviewer for all... arranged by Leonalyn Mutia-Tayone*

106.) This is a type of document issued by a seller to a buyer relating to a sale transaction and indicating the products, quantities and prices sold to the buyer.

- a. Check voucher
- b. Purchase order
- c. Delivery receipt
- d. Sales invoice

107.) Which of the following is not a usual document used in a sales company?

- a. Form 137
- b. Delivery receipt
- c. Sales invoice
- d. Purchase order

108.) One of the responsibilities of a clerical job is answering and tending phone calls. Which is the best way to answer a phone call in a company?

- a. Say "Hello," and wait for the caller to speak.
- b. Run and get a pen and notebook then pick up the phone.
- c. Answer the phone politely and give your department or company name.
- d. Wait for fellow employees to answer the phone.

109.) An example of a hard copy document is:

- a. PDF file letter
- b. Company email message
- c. A business letter saved in USB
- d. Business letter in a paper

110.) What does a CC means in an email message?

- a. Copy sent
- b. Copy furnished
- c. Copy cat
- d. Client copy

111.) Which computer program should you go if you want to email a company?

- a. Word      b. Excel      c. Outlook      d. Powerpoint

112.) This is a telephonic transmission of scanned documents of texts and images to a telephone number connected to a printer.

- A. Photocopying Machine
- B. Fax Machine
- C. Typewriter
- D. Inkjet Printer

113.) The chief financial officer is responsible for the financial matters and financial management of a corporation, she is also known as the \_\_\_\_\_.

- a. Auditor
- b. Treasurer
- c. Chief Executive Officer
- d. Manager

114.) Which department of a company is responsible for cash register operations and payment processing?

- a. Cashier
- b. Billing
- c. Accounting
- d. Budget

115.) Your boss asked you to send her a soft copy of your latest résumé. An example of a soft copy is:

- a. A print out copy usually in a paper
- b. Original copy written in a paper
- c. A copy saved in a computer and sent through email
- d. A copy from a Xerox machine

## Philippine Constitutions, General Information and Events

*Free reviewer for all... arranged by Leonalyn Mutia-Tayone*

116.) The official motto used in 30th Southeast Asian Games is what?

- a. We Care As One
- b. We Play As One
- c. We Win As One
- d. We Will As One
- e. We Work As One

117.) On August 16, 2018, the government announced at least \_\_\_\_ Philippine holidays for 2019 as declared by virtue of Proclamation No. 555, series of 2018.

- a. 16
- b. 18
- c. 19
- d. 15
- e. 14

118.) Which of the following statements best describes the relationship between global warming ozone depletion?

- a. Ozone depletion contributes to global warming.
- b. Global warming causes ozone depletion.
- c. Ozone depletion and global warming have nothing to do with each other.
- d. Excessive build-up of carbon dioxide causes both global warming and ozone depletion.

119.) It is only Philippine province with an English name.

- a. Cebu
- b. Mountain Province
- c. General Santos
- d. Zambales

120.) What form of government does the Philippines adopt?

- a) Republican
- b) Democratic
- c) Neither a nor b
- d) Both a and b

121.) Who among the following may issue a warrant of arrest or a search warrant?

- a) A senator
- b) A judge
- c) A congressman
- d) The President

122.) A foreigner may acquire Filipino citizenship through

- a) Naturalization
- b) Extradition
- c) Rebirth
- d) Visa application

- 123.) What is regarded by the State as a "primary social economic force?"  
 a. education                      b. trade                      c. labor                      d. commerce
- 124.) According to Article III, Section 15 of the Constitution, the writ of habeas corpus may be suspended in times of rebellion or what?  
 a. martial law                      b. war                      c. terrorism                      d. invasion
- 125.) The Lower Chamber of the Congress of the Philippines is known by what name?  
 a. Senate  
 b. Congressional Lower Chamber  
 c. National Assembly  
 d. House of Representatives
- 126.) A Member of either house of Congress may be expelled by their fellow Members. For a Member to be expelled, how much of the total number of Members of a house must concur with the expulsion?  
 a. two-thirds  
 b. majority  
 c. three-fourths  
 d. nine-tenths
- 127.) If a President wishes to veto a bill, he/she must communicate it within a certain span of time, otherwise the bill will become a law. How long is this span of time?  
 a. 3 weeks                      b. 48 days                      c. 60 days                      d. 30 days
128. What project of the DENR that includes the protection of Industrial pollution of our Environment?  
 a. Bantay Kalikasan                      d. Ecological Watch  
 b. Bantay Ilog                      e. Solid Waste Management  
 c. Bantay Dagat
129. What government agency thus the status of government employee in the free voluntary services belong?  
 a. Secretary                      c. Municipal                      e. Barangay  
 b. Regional                      d. National
130. Which is not a ground for Impeachment of the Pres., Vice-Pres., Ombudsman, and Senator?  
 a. graft and corruption  
 b. sexual harassment  
 c. grave abuse of the authority  
 d. against the Family if the child scolded by the parents  
 e. Other crimes

## Numerical Reasoning

*Free reviewer for all... arranged by Leonalyn Mutia-Tayone*

- 131.)  $(2 \times 1 \div 2)$ ,  $(4 \div 1 \times 2)$ ,  $(6 \times 1 \div 2)$ , \_\_\_\_  
 a. 8                      b. 16                      c. 4                      d. 32
- 132.)  $(15 - 8 + 3)$ , 8,  $(4 \div 2 \times 3)$ , \_\_\_\_  
 a. 4                      b. 3                      c. 8                      d. 2
- 133.) Simplify:  
 $33 \frac{1}{3} \% \text{ of } 48 + 12 \frac{1}{2} \% \text{ of } 96 - 44 \frac{4}{9} \% \text{ of } 27$   
 a. 12                      b. 16                      c. 24                      d. 48

- 134.) 12 is 125% of what number?  
 a. 9.6              b. 8              c. 9              d. 10              e. 8.6
- 135.) What percent of 16 is 40?  
 a. 2.5%              b. 2500%              c.  $\frac{1}{4}$               d. 250%              e. 25%
- 136.)  $1\frac{1}{4}$  subtracted from its reciprocal is?  
 a.  $-\frac{9}{20}$               b. 0.45              c. 2.25              d.  $\frac{9}{20}$               e.  $-\frac{1}{5}$
- 137.) What is the ratio of  $\frac{1}{4}$  to  $\frac{3}{5}$ ?  
 a. 1 : 3              b. 3 : 20              c. 5 : 12              d. 3 : 4              e. 5 : 4
- 138.) What is the difference between  $\sqrt{150}$  and  $\sqrt{54}$ ?  
 a.  $3\sqrt{6}$               b.  $16\sqrt{6}$               c.  $\sqrt{96}$               d.  $6\sqrt{2}$               e.  $2\sqrt{6}$
- 139.) A race car travelled for  $2\frac{1}{2}$  hours with an average speed of  $132\frac{5}{8}$  km per hour.  
 Find the total distance it covered.  
 a.  $264\frac{5}{16}$  km              b.  $331\frac{9}{16}$  km              c.  $330\frac{5}{16}$  km              d.  $135\frac{1}{8}$  km
- 140.)  $99^0 - (-2)^2 + (-3^2) - (-4)^2 = ?$   
 a. -28              b. -10              c. -9              d. 30              e. none of the above
- 141.)  $(100)^0 + (-4^2) - 2^2 = ?$   
 a. 19              b. -19              c. 13              d. 21              e. none of the above
- 142.) A one fourth percent of a number is 25. What is the number?  
 a. 100              b. 1,000              c. 10,000              d. 100,000
- 143.) A mini grocery store has a sale of Php 6435, Php 6927, Php 6855, Php 7230 and Php 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Php 6500?  
 a. Php 4991              b. Php 5991              c. Php 6001              d. Php 6991
- 144.) The mean median and mode of 9 numbers are equal. The numbers are 12, 22, 10, 15, 14, 11, 19, 17.  
 What is the 9th number?  
 a. 14              b. 12              c. 15              d. 18              e. 11
- 145.) The mean median and mode of 5 numbers are equal. The numbers are 29, 18, 24, 25.  
 What is the 5th number?  
 a. 24              b. 28              c. 29              d. 25              e. 18
- 146.) 90 increased by what percent of itself gives 180?  
 a. 50%              b. 90%              c. 150%              d. 100%              e. 200%
- 147.) If 500 or 25% of graduating class are girls, how many are graduating?  
 a. 2,000              b. 3,000              c. 5,000              d. 10,000              e. 20,000
- 148.) In a group of 8, 000 applicants for a civil service examination, 1600 failed to take the first part of the test. What percent of the total applicants took the first part of the test?  
 a. 20%              b. 30%              c. 40%              d. 80%
- 149.) If twice the value of a certain number is increased by 8 the result is 40. What is the number?  
 a. 8              b. 16              c. 24              d. 32              e. none of the above

- 150.) Cassy's father was 38 years of age when she was born while her mother was 36 years old when her brother four years younger to her was born. What is the difference between the ages of her parents?  
a. 2 years      b. 4 years      c. 6 years      d. 8 years
- 151.) Number Series: 100%, 2, 15/5, 4, \_\_\_\_?  
a. 2      b. 3      c. 4      d. 5
- 152.) Number Series: 1/6, 1/3, 1/2, 2/3, \_\_\_\_?  
a. 2/6      b. 2/7      c. 3/5      d. 5/6
- 153.) Number Series: 250%, 50%, 100%, 20%, 40%, \_\_\_\_?  
a. 8%      b. 10%      c. 5%      d. 15%
- 154.) Number Series: 0.1, 30%, 1/2, 0.7, 90%, \_\_\_\_?  
a. 1 1/10      b. 100%      c. 7/9      d. 1.4
- 155.) Number Series: 5, 6, 9, 15, \_\_\_\_, 40  
a. 21      b. 27      c. 25      d. 33
- 156.) Number Series: 5, 16, 49, 104, \_\_\_\_  
a. 170      b. 148      c. 115      d. 181
- 157.) Number Series: 225, 336, 447, \_\_\_\_, 669, 7710  
a. 114      b. 991      c. 558      d. 338
- 158.) Number Series: 563, 647, 479, 815, \_\_\_\_  
a. 672      b. 386      c. 279      d. 143
- 159.) Number Series: 3, 12, 27, 48, 75, 108, \_\_\_\_  
a. 183      b. 192      c. 162      d. 147
- 160.) Number Series: 0.5, 0.55, 0.65, 0.8, \_\_\_\_  
a. 0.82      b. 0.9      c. 0.95      d. 1
- 161.)  $1/2 \div 1/4 =$  \_\_\_\_  
a. Less than 1      b. More than 1      c. Equal to 1      d. Undefined      e. None of the above
- 162.) If Kardo is feeding his buddy 1/2 cup of dog food but uses 1/10 of a cup, how many scoop will he need to feed his dog?  
a. 1/12 th scoop      b. 1/20 th scoop      c. 5 scoops      d. 3 scoops
- 163.) If  $1 \times 10 = 9$ ,  $2 \times 10 = 18$ ,  $3 \times 10 = 27$ , then what is  $8 \times 10 =$  ?  
a. 36      b. 72      c. 78      d. 52
- 164.)  $83 : 25 :: 92 : \underline{\hspace{1cm}}$ ?  
a. 44      b. 49      c. 40      d. 63
- 165.)  $72 : 18 :: 56 : \underline{\hspace{1cm}}$ ?  
a. 24      b. 22      c. 20      d. 16
- 166.)  $2 : 12 :: 8 : \underline{\hspace{1cm}}$ ?  
a. 18      b. 128      c. 396      d. 576

- 167.)  $12 : 72 :: 8 : \underline{\hspace{1cm}}?$   
 a. 0                      b. 32                      c. 36                      d. 38
- 168.) PEMDAS:  $10 \div 2 \times 5 - (12 \div 3 \times 4) + 1 = \underline{\hspace{1cm}}?$   
 a. 10                      b. 1                      c. -1                      d. 23                      e. None of the above
- 169.) Sum of all odd numbers between 60 to 120.  
 a. 3775                      b. 3050                      c. 4000                      d. 2700
- 170.) John walks everyday from his house to the police station. After walking at a rate of 2 meters/second for 3 minutes, he looks at his watch and realizes that he has to run 4 meters/second for 1 minute so he won't be late. What is the distance from his house to the police station?  
 a. 10 m                      b. 60 m                      c. 105 m                      d. 400 m                      e. 600 m
- 171.) Radicals:  $\sqrt{0.000025}$   
 a. 0.5                      b. 0.05                      c. 0.005                      d. 0.00005
- 172.) Number Series:  $\frac{1}{12}, \frac{1}{6}, \frac{1}{4}, \frac{1}{3}, \underline{\hspace{1cm}}$   
 a. 1                      b.  $\frac{1}{3}$                       c.  $\frac{5}{12}$                       d.  $\frac{1}{2}$                       e. None of the above
- 173.) A chemist has 400 milliliters of a solution of 20% alcohol on hand, and he wants to mix it with enough pure alcohol to turn it into a 30% alcohol solution. How much pure alcohol will this require?  
 a. 30                      b. 40                      c. 50                      d. 60                      e. 57
- 174.) What is the percentage decrease from 80 to 60?  
 a.) 33.33%                      b.) 25%                      c.) 20% d.) 75%                      e.) None of the above
- 175.) What is the percentage increase from 60 to 80?  
 a.) 33.33%                      b.) 25%                      c.) 20% d.) 75%                      e.) None of the above
- 176.) A businessman sells 60% English books and still has 28 English books. Originally, he had:  
 a.) 47                      b.) 39                      c.) 60                      d.) 70                      e.) None of the above
- 177.) Twelve and one half percent of 200 is what number?  
 a.) 112                      b.) 12                      c.) 50                      d.) 25                      e.) None of the above
- 178.) If the price of a book is first decreased by 25% and then increased by 20%, then the net change in the price will be :  
 a.) 10% b.) 20%                      c.) 30% d.) 40%                      e.) None of the above
- 179.) In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is:  
 a. 20 L                      b. 30 L                      c. 40 L                      d. 60 L                      e. none of the above
- 180.) Participants in a certain conference from Luzon, Visayas, and Mindanao are in the ratio of 4:3:2. If there are 120 participants from Luzon, how many participants are there in all?  
 a. 270                      b. 150                      c. 240                      d. 420                      e. None of the above

===== END =====



## READ these INSPIRATIONAL QUOTES...

I hope these words will somehow help motivate you to study, review, pass all exams and be successful in life... and become an inspiration to others...

"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do."

"If you have a dream, you can spend a lifetime studying, planning, and getting ready for it. What you should be doing is getting started."

"Success is not final, failure is not fatal; it is the courage to continue that counts."

"Allow yourself to be a beginner. No one starts off being excellent."

"Be stronger than your excuses."

"If you really want to do something, you'll find a way. If you don't, you'll find an excuse."

"The earlier you start working on something, the earlier you will see results."

"If we wait until we're ready, we'll be waiting for the rest of our lives."

"You don't have to be great to start. But you have to start to be great."

"The distance between dreams and reality is called action."

"Never let small minds convince you that your dreams are too big."

"You were born to win. But to be a winner, you must plan to win, prepare to win and expect to win."

"Success isn't always about greatness. It's about consistency. Consistent hard work leads to success. Greatness will come." "Impossible is not a fact. It is an opinion."

"More people would learn from their mistakes if they weren't so busy denying them."

"FEAR – Forget Everything And Run... or... Face Everything And Rise. It's your choice."

"Behind every successful person, there are a lot of unsuccessful years."

"When you talk, you are only repeating what you already know. But if you listen, you may learn something new."

"Push yourself because no one else is going to do it for you."

"The beautiful thing about learning is that no one can take it away from you."

"You are never too old to set another goal or to dream a new dream."

"Once you have learned to ask questions – relevant and appropriate and substantial questions – you have learned how to learn, and no one can keep you from learning whatever you want or need to know."

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."

"When one door closes, another opens. But we often look so long and so regretfully upon the closed-door that we do not see the one which has opened for us."

"Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time."

"There are no secrets to success. It is the result of PREPARATION, hard work learning from failure."

"Success is the sum of small efforts, repeated day in and day out."

"Trust in the LORD with all your heart and lean not on your own understanding." Pro 3:5

"Take delight in the LORD, and he will give you your heart's desires." Psalm 37:4

"Don't be afraid, for I am with you. Don't be discouraged, for I am your God. I will strengthen you and help you. I will hold you up with my victorious right hand." Isaiah 41:10

"Seek first the kingdom of God and His righteousness, and all these things will be added unto you." Mt 6:33

"When educating the minds of your youth, we must not forget to educate their hearts." ❤️

Learning is a lifelong process. It does not stop after you graduate or landed a job of your dream. In fact, the more you learn new things, the more you realized how little you already know. Education can change lives. In fact, if you are educated, you can't only make your life better, but you can also improve and touch the lives of other people.

I wish you all good luck and success... God bless to all of you...

Sincerely helping you without asking in return, ❤️ Leonalyn Mutia-Tayone ❤️

**CORRECT ANSWERS:****Graphs / Charts**

1. B.) 9,500,000

Chinese Insurance Stocks comprise 3.5% of all Insurance securities, which leaves 26.5% of Chinese bonds.

The total number of Insurance securities is:

$$33,000,000 + 3,000,000 = 36,000,000$$

Now we only need to calculate 26.5% of 36,000,000:

$$(36,000,000 \times 0.265) = 9,540,000, \text{ which is approximately } 9,500,000$$

Tutorial video: <https://youtu.be/1ZW4EtG1Q2E>

Or search on youtube: "Data interpretation Leonalyn"

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2. A.) 5.5

The 1997 figure of investment as a factor of 1992 investment =  $(31.36/5.70) = 5.50$ .

3. B.) 7.13

The difference in investments over 1996-1997 was  $31.36 - 24.23 = \text{Php } 7.13 \text{ millions}$ .

4. A.) 11

Let x be the FDI in 1997.

$$(2 \div 5.7) = (x \div 31.36)$$

$$x = (2 \div 5.7) \times 31.36 = 11$$

5. C.) 1996

It can be seen that the FDI in 1996 more than doubles over that of 1995. No other year is close to that rate of growth

6. A.) 93.82

Total FDI investment in the figure shown is  $= 5.7 + 10.15 + 12.16 + 10.22 + 24.23 + 31.36 = 93.82 \text{ billion}$ .

Tutorial video: <https://youtu.be/BDrh3lpJr0>

Or search on youtube: "Data interpretation Leonalyn"

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7. C.) 381

$$360 + 365 + 370 + 385 + 400 + 405 = 2285$$

$$2285 \div 6 = 380.8 = 381$$

8. A.) None

9. B.) 112.5%

$$405 = N \times 360$$

$$405 \div 360 = N = 1.125 \times 100\% = 112.5\%$$

Tutorial video: <https://youtu.be/mFeJRugkgis>

Or search on youtube: "Data interpretation Leonalyn"

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10. A.) 6 raptors

$$40 - 34 = 6$$

Tutorial video: <https://youtu.be/6Zx9qoFd-Ec>

Or search on youtube: "Table shows data Leonalyn"

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**Vocabulary**

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11. B.) a palindrome is a word, phrase, number or sequence of words that reads the same backward as forward.

12. C.) calls up

13. A.) accelerate

14. B.) credible

15. C.) surmised

16. C.) magkaibigan

17. A.) cure-all

18. A.) Multifarious means having many different aspects or components.

19. D.) Plaintive means expressing sorrow; mournful, melancholy.

20. C.) Inveterate beliefs are deep-rooted or firmly established.

21. B.) An altercation is a heated dispute or quarrel.

22. D.) A contentious person is quarrelsome, competitive, quick to fight. Contentious also means controversial, causing contention.

23. A.) A cabal is a scheme or conspiracy; a small group joined in a secret plot.

24. B.) A bellicose person is belligerent, quarrelsome; eager to wage war.

25. C.) An apocalypse is a cataclysmic event that brings total devastation or the end of the world.

26. A.) An incursion is a raid or temporary invasion of someone else's territory.

27. C.) A nemesis is a source of harm or ruin; the cause of one's misery or downfall, bane; agent of retribution or vengeance.

28. D.) To pillage means to forcibly rob of goods; to plunder.

29. A.) Placid means calm and peaceful; free from disturbance.

30. B.) A reprisal is an act of retaliation for an injury. It is also the practice of using political or military force without actually resorting to war.

Vocabulary Tips: [https://youtu.be/XJ0k2zk\\_Eks](https://youtu.be/XJ0k2zk_Eks)

Or search on youtube: "Vocabulary tips Leonalyn"

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**Idiomatic Expression and Correct Spelling**

31. B.) let out a secret

32. C.) accusing the wrong person

33. D.) weak spot

34. A.) very expensive

35. C.) born into a very rich family

36. B.) survived the crisis

37. A.) a man is loyal in whom confidence had been placed

38. B.) desire only what you can afford

39. E.) be self-reliant

40. B.) longed

41. A.) commitment

42. C.) ridiculous

43. D.) anonymous

44. A.) extraordinary

45. B.) assurance

46. A.) frequently

47. C.) emphasis

48. A.) concede

49. D.) aspirations

50. B.) exercis

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### Word Analogy and Logic Test

51. D.) ocqixcjg

Tutorial video: <https://youtu.be/HrS7wXuYdhg>

Or search on youtube: "analogy Leonalyn"

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52. a.) illusion

53. a.) wealth : embezzler

54. b.) skeptic : disbelief

Degree of intensity.

Philanthropist is a generous person while munificence is extremely generous.

as skeptic is inclined to question or doubt accepted opinions while disbelief is refusal to accept that something is true.

55. b.) mundane : legitimate

Something vague is nebulous. Something mundane is commonplace.

56. e.) diaphanous is the opposite of opaque. Distraught is the opposite of calm.

57. e.) A frame surrounds a picture; a fence surrounds a backyard.

58. b.) One searches in order to find; one explores in order to discover.

59. c.) A pharmacy sells drugs; a bakery sells bread.

60. a.) Layer and tier are synonyms; section and segment are synonyms.

(tips)Tutorial video: <https://youtu.be/HrS7wXuYdhg>

Or search on youtube: "answer analogy Leonalyn"

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61. D.) Max

Tutorial video: <https://youtu.be/vUxE2fAYNxs>

Or search on youtube: "Logical Leonalyn"

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62. C.) uncertain

63. B.) false

Explained: <https://youtu.be/PIVVTfRRd-0>

Or search on youtube: "Simple logic Leonalyn"

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64. E.)

Explained: [https://youtu.be/ucsl4\\_poD8w](https://youtu.be/ucsl4_poD8w)

Or search on youtube: "Logic Assumptions Leonalyn"

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65. b.) Subscribing to Cable TV is a needless expenditure

66. d.) Only one worker in the factory has exactly five children.

67. d.) TV promotes a feeling of helpless vulnerability in viewers.

68. b.) The demand for more universities is being stepped up.

69. c.) uncertain..... The first two statements give information about Zoe's Tulips and pansies. Information about any other kinds of flowers cannot be determined.

70. b.) false.... Rulers are the most expensive item.

(tips)Tutorial video: [https://youtu.be/ucsl4\\_poD8w](https://youtu.be/ucsl4_poD8w)

Or search on youtube: "Logic Assumptions Leonalyn"

### Reading Comprehension

71. a.) toxic insecticides such as DDT have not been banned throughout the world.

72. d.) needy countries need researchers to help them reach the status of the western world

73. d.) This answer is implied by the whole paragraph.

The author stresses the need to read critically by performing operations on the text in a slow and specific manner. Choice a is incorrect because the author never says that reading is dull. Choices b, c, and e are not supported by the paragraph.

74. c.) people have varied ways of looking at different things

75. d.) natututuhan nang tangkilikin ng mga Pilipino ang kanilang mga sariling awitin.

76. a.) the older we get, the more we forget what we have learned

77. b.) the unpredictability of money is an obstacle to a nation's prosperity

78. c.) dumarami ang mga walang hanapbuhay at tumataas ang halaga ng mga bilihan dahil sa krisis

79. b.) Hidden Prehistoric Paintings

80. c.) notices

81. b.) It has a large number of caves.

82. c.) Horses

83. a.) show

84. d.) Many painting spaces were difficult to reach.

85. b.) artists

86. d.) light

87. a.) Visitors were prohibited from entering.

88. B.) The sentence 'Whenever they were attacked by Apaches, the Pueblos would pull up the ladders' is a clear clue expressing that the Pueblos were living in hard-to-reach places so as to have shelter against the Apaches. The correct answer is B

89. B.) When 'Spanish word pueblo meaning town or village' is taken as a clue, it can be seen easily that B should be correct.

90. C.)

(tips)Tutorial video: <https://youtu.be/8IV37fhyZhk>

Or search on youtube: "Reading Comprehension Leonalyn"

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### Paragraph Organization

91. (3) CDAB

92. (2) BADC

93. (2) AD BC

94. (1) DCBA

95. (4) BCAD

96. (2) ACDB

97. (1) ACBD

98. (1) ABCD

99. (2) BACD

100. (4) CBDA

101. (3) DBCA

102. (2) BDCA

103. (1) ACBD

104. (4) CADB

105. (1) BACD

(tips)Tutorial video: <https://youtu.be/qrNuYrp61k0>

Or search on youtube: "Paragraph Organization Leonalyn"

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### Clerical Operation

106. D Sales invoice  
107. A Form 137  
108. C Answer the phone politely and give your department or company name.  
109. D Business letter in a paper  
110. B Copy furnished  
111. c. Outlook  
112. B. Fax Machine  
113. B. Treasurer  
114. A. Cashier  
115. C. A copy saved in a computer and sent through email

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### Philippine Constitution, General Information and Events

( Leonalyn)

116. c. We Win As One  
117. b. 18  
118. a. Ozone depletion contributes to global warming.  
119. b. Mountain Province  
120. d.) Both a and b  
121. b.) A judge  
122. a.) Naturalization  
123. C. Under State Policies, the State "affirms labor as a primary social economic force." (Article II, Section 18)  
124.) D. The writ of habeas corpus prevents persons from being arrested without warrants of arrest. The Constitution specifies the conditions wherein the writ shall be suspended to prevent warrantless arrests, which were prevalent during the Marcos dictatorship (which was overthrown by the 1st People Power Revolution). The Constitution clearly states that "the writ of habeas corpus shall not be suspended except in cases of invasion or rebellion."

125. D. Article VI, Section 1 states, "The legislative power shall be vested in the Congress of the Philippines which shall consist of a Senate and a House of Representatives...". The Upper House of Congress is the Senate while the Lower House is the House of Representatives. Representatives are elected by the constituents in their respective legislative districts, while Senators are elected at the national level.

126.) A. Article VI, Section 16.3 states, "Each House may determine the rules of its proceedings, punish its Members for disorderly behavior, and, with the concurrence of two-thirds of all its Members, suspend or expel a Member." So, if the Senate wants to expel a member, 16 of the 24 Senators must agree to expel that Senator.

127.) D. According to Article VI, Section 27.1, "The President shall communicate his veto of any bill to the House where it originated within thirty days after the date of receipt thereof, otherwise, it shall become a law as if he had signed it." A vetoed bill may still become a law if two-thirds of the members of the house where it originated votes to make it a law.

128. e. Solid Waste Management  
129. e. Barangay  
130. d. against the Family if the child scolded by the parents  
More sample questions:

<https://youtu.be/qZT58jnfTyY>

<https://youtu.be/LrW0XwlgqI4>

Or search on youtube: "Constitution Leonalyn"

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### Numerical Reasoning

(detailed solutions solved by: Leonalyn Mutia-Tayone)  
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- 131.) b. 16  
 $(2 \times 1 \div 2)$ ,  $(4 \div 1 \times 2)$ ,  $(6 \times 1 \div 2)$ ,  $(8 \times 1 \div 2)$   
Since  $(8 \div 1 \times 2)$  is not found in the choices,  
so we have to solve this.  $(8 \div 1 \times 2) = 16$

- 132.) a. 4  
 $(15 - 8 + 3)$ ,  $8$ ,  $(4 \div 2 \times 3)$ , \_\_\_\_  
10, 8, 6, 4

When it comes to PEMDAS, walang mali dito kaya mas maganda kung panuorin ang tutorial video para maintindihan nyo...

Tutorial video: <https://youtu.be/MxmIbwVQoK4>

Or search on youtube: "PEMDAS Leonalyn"

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133. b. 16  
 $33 \frac{1}{3} \% \text{ of } 48 + 12 \frac{1}{2} \% \text{ of } 96 - 44 \frac{4}{9} \% \text{ of } 27$

Tutorial video: <https://youtu.be/0qGQkkHAoXk>  
Or search on youtube: "33 1/3% of 48 Leonalyn"

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- 134.) a. 9.6  
12 is 125% of what number?  
 $12 = 1.25 \times N$   
 $12/1.25 = N = 9.6$

- 135.) d. 250%  
What percent of 16 is 40?  
 $N \times 16 = 40$   
 $N = 40/16 = 2.5 \times 100\% = 250\%$

- 136.) a.  $-9/20$   
 $1 \frac{1}{4}$  subtracted from its reciprocal is?  
 $4/5 - 5/4 = 16/20 - 25/20 = -9/20$

- 137.) c. 5 : 12  
 $0.25 : 0.6 = 25:60 = 5:12$

- 138.) e.  $2\sqrt{6}$   
 $\sqrt{150} - \sqrt{54} = \sqrt{(25 \times 6)} - \sqrt{(9 \times 6)}$   
 $= 5\sqrt{6} - 3\sqrt{6} = 2\sqrt{6}$

Tutorial video: <https://youtu.be/CiQs5Y9ywWg>  
Or search on youtube: "Math reviewer Leonalyn"

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- 139.) b.  $331 \frac{9}{16} \text{ km}$   
 $132 \frac{5}{8} \times 2 \frac{1}{2} = 1061/8 \times 5/2 = 5305/16 = 331 \frac{9}{16}$

Tutorial video: <https://youtu.be/wlj0Chbpbt4>  
Or search on youtube: "Find distance Leonalyn"

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<p>140.) a. -28  <math>99^0 - (-2)^2 + (-3)^2 - (-4)^2 = ?</math>  <math>1 - 4 + (-9) - 16 = -3 - 9 - 16 = -28</math></p> <p>141.) b. -19  <math>(100)^0 + (-4)^2 - 2^2 = ?</math>  <math>1 + (-16) - 4 = -19</math></p> <p>Tutorial video: <a href="https://youtu.be/WgK85g7rV7I">https://youtu.be/WgK85g7rV7I</a>  Or search on youtube: "negative base Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>142.) c. 10,000  A one fourth percent of a number is 25.  <math>1/4 \% \times N = 25</math>  <math>0.25 \% \times N = 25</math>  <math>0.0025 \times N = 25</math>  <math>N = 25/0.0025 = 10,000</math></p> <p>Must watch Tutorial video: <a href="https://youtu.be/V7wJfSDKe78">https://youtu.be/V7wJfSDKe78</a>  Or search on youtube: "one fourth percent Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>143.) a. Php 4991  <math>6500 \times 6 = 39,000 - (6435 + 6927 + 6855 + 7230 + 6562)</math>  <math>= 4991</math></p> <p>Must watch Tutorial video: <a href="https://youtu.be/flF498xQHk">https://youtu.be/flF498xQHk</a>  Or search on youtube: "Average Q1 Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>144.) c. 15  <math>(12 + 22 + 10 + 15 + 14 + 11 + 19 + 17) / 8 = 120 / 8 = 15</math></p> <p>145.) a. 24  <math>(29 + 18 + 24 + 25) / 4 = 96 / 4 = 24</math></p> <p>Must watch Tutorial video: <a href="https://youtu.be/1MkpdaQIEMA">https://youtu.be/1MkpdaQIEMA</a>  Or search on youtube: "Mean Median Range Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>146.) d. 100%  90 increased by what percent of itself gives 180?  <math>90 + 90N = 180</math>  <math>90N = 180 - 90</math>  <math>N = 90/90 = 1 \times 100\% = 100\%</math></p> <p>147.) a. 2,000  <math>500 \times 4 = 2,000</math>  If 500 or 25% of graduating class are girls</p> <p>Must watch Tutorial video: <a href="https://youtu.be/-hR7LQ6_UHs">https://youtu.be/-hR7LQ6_UHs</a>  Or search on youtube: "Percent itself Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>148.) d. 80%  <math>8000 - 1600 = 6400 \div 8000 = 0.8 \times 100\% = 80\%</math>  Tutorial video: <a href="https://youtu.be/86zNW8wxHXs">https://youtu.be/86zNW8wxHXs</a>  Or search on youtube: "applicants Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>149.) b. 16  <math>2N + 8 = 40; N = (40 - 8) / 2 = 16</math>  Tutorial video: <a href="https://youtu.be/9-SZCcbh0qs">https://youtu.be/9-SZCcbh0qs</a>  Or search on youtube: "twice the value Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p>	<p>150.) c. 6 years  <math>38 - (36 - 4) = 38 - 32 = 6</math></p> <p>Must watch Tutorial video: <a href="https://youtu.be/e4rGtc7nASE">https://youtu.be/e4rGtc7nASE</a>  Or search on youtube: "Age mother was 36 Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>151.) d. 5  <math>100\%, 2, 15/5, 4, \_\_\_\_?</math>  1, 2, 3, 4, 5</p> <p>152.) d. 5/6  <math>1/6, 1/3, 1/2, 2/3, \_\_\_\_?</math>  <math>1/6, 2/6, 3/6, 4/6, 5/6</math></p> <p>153.) a. 8%  <math>250\% \div 5 = 50\%</math>      <math>100\% \div 5 = 20\%</math>  <math>50\% \times 2 = 100\%</math>      <math>20\% \times 2 = 40\% \div 5 = 8\%</math></p> <p>154.) a. 1 1/10  0.1, 30%, 1/2, 0.7, 90%, <math>\_\_\_\_?</math>  0.1. 0.3, 0.5, 0.7, 0.9, 1.1</p> <p>Must watch Tutorial video: <a href="https://youtu.be/SQ6Zqtds3H4">https://youtu.be/SQ6Zqtds3H4</a>  Or search on youtube: "Number series start basic Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>155.) C  156.) D  157.) C  158.) D  159.) D  160.) D</p> <p>Must watch Tutorial video: <a href="https://youtu.be/XC7xBynn2ww">https://youtu.be/XC7xBynn2ww</a>  Or search on youtube: "Number series easy Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>161.) b. More than 1  <math>1/2 \div 1/4 = 1/2 \times 4/1 = 2</math></p> <p>162.) c. 5 scoops  <math>1/2 \div 1/10 = 1/2 \times 10/1 = 10/2 = 5</math></p> <p>Must watch Tutorial video: <a href="https://youtu.be/jgbNW6cZa5M">https://youtu.be/jgbNW6cZa5M</a>  Or search on youtube: "Fraction step by step Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>163.) b. 72 <math>\leftarrow 8 \times 10 = 80 - 8 = 72</math>  164.) b. 49  165.) b. 22  166.) b. 18  167.) b. 32</p> <p>Must watch Tutorial video: <a href="https://youtu.be/eeJGu6_BeHk">https://youtu.be/eeJGu6_BeHk</a>  Or search on youtube: "Number analogy quiz Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p> <p>168.) a. 10  PEMDAS: <math>10 \div 2 \times 5 - (12 \div 3 \times 4) + 1 = \_\_\_?</math>  <math>5 \times 5 - (4 \times 4) + 1 = \_\_\_?</math>  <math>25 - (16) + 1 = 9 + 1 = 10</math></p> <p>Must watch Tutorial video: <a href="https://youtu.be/xv2vTTNJmtk">https://youtu.be/xv2vTTNJmtk</a>  Or search on youtube: "PEMDAS Leonalyn"</p> <p>-----NOT FOR SALE----- free/LeonalynMTayone</p>
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169.) d. 2700  
 $(61+119)\{[(119-61)/2 + 1]/2\} =$   
 $180\{[29+1]/2\} = 180\{15\} = 2700$

170.) e. 600 m  
 Walk:  $3 \times 60 = 180 \times 2 = 360$  meters  
 Run:  $1 \times 60 = 60 \times 4 = 240$  meters  
 $360 + 240 = 600$  meter

171.) c. 0.005  
 Radicals:  $\sqrt{0.000025} = \sqrt{(25/1000000)}$   
 $= 5/1000 = 0.005$

172.) c.  $5/12$   
 $1/12, 1/6, 1/4, 1/3, \underline{\hspace{1cm}}$   
 $1/12, 2/12, 3/12, 4/12, 5/12$

173.) e. 57  
 $20\%(400) + 100\%N = 30\%(400+N)$  ignore percentage  
 $8000 + 100N = 12000 + 30N$   
 $100N - 30N = 12000 - 8000$   
 $70N = 4000$   
 $N = 4000/70 = 57.14$

Must watch Tutorial video: <https://youtu.be/Yj0b9I-vGhc>  
 Or search on youtube: "Final Coaching part3 Leonalyn"  
 Mixture: <https://youtu.be/gUCuZZIclqw>

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174.) b.) 25%  
 Amount decrease/original amount  $\times 100\% =$   
 $(80-60)/80 = 20/80 = 0.25 \times 100\% = 25\%$

175.) a.) 33.33%  
 Amount increase/original amount  $\times 100\%$   
 $(80-60)/60 = 20/60 = 0.3333 \times 100\% = 33.33\%$

176.) d.) 70  
 40% of total is 28  
 $0.4 \times T = 28$   
 $T = 28/0.4 = 70$

177.) d.) 25  
 $12 \frac{1}{2} \%$  of 200 is what number?  
 $0.125 \times 200 = 25$

Must watch Tutorial video: <https://youtu.be/OVEzn5tQM68>  
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178.) a.) 10%  
 $100 - 25 = 75$   
 $75 + (75 \times 20\%) = 75 + 15 = 90$   
 $100 - 90 = 10$

Must watch Tutorial video: <https://youtu.be/OVEzn5tQM68>  
 Or search on youtube: "about percentage Leonalyn"  
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179.) d. 60 L  
 ratio of milk and water  $2 : 1 = 40 : 20$   
 If this ratio is to be  $1 : 2 = 40 : (20+20) \times 2 = 40:80$   
 $80 - 20 = 60$

180.) a. 270  
 $4:3:2 = 120 : \underline{\hspace{1cm}} : \underline{\hspace{1cm}}$   
 $120/4 = 30; 30 \times 3 = 90; 30 \times 2 = 60$   
 $120 + 90 + 60 = 270$


Must watch Tutorial video: <https://youtu.be/DvOavR2jypl>  
 Or search on youtube: "Ratio proportion Lumabas Leonalyn"  
 You may also watch this: <https://youtu.be/Zlj7bFC0Sg4>

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