

# CAREER CIVIL SERVICE EXAM PROFESSIONAL

EXAMINATION NUMBER: \_\_\_\_\_

## GENERAL DIRECTION TO EXAMINEES

1. Write your Examination Number inside the boxes on the front cover of your Test Booklet.
2. As soon as the signal is given check if your test booklet has 40 pages and that each page bears the correct page number and that pages are not having missing text and or pictures, and check also if the test booklet has a clear text and pictures.
3. It is important that you follow the specific directions given in various parts of the test.
4. The questions are numbered 1 to 170. You are given 3 hours and 10 minutes to answer all of them.
5. You are to record your answer on a separate Answer Sheet and not on this Test Booklet
6. For each questions, select the correct or the best answer among the choices offered, and on your answer sheet blacken fully the circle corresponding to the number of your answer sheet.
7. If you want to change an answer, you may do so by erasing it completely and neatly, then blacken fully the circle which corresponds to your final answer.
8. There should be one answer for every question.
9. Be sure to blacken fully all your answer by using a No.1 or No. 2 black lead pencil. Avoid crumpling or creasing or making unnecessary mark on your Answer Sheet
10. You may use the spaces of the Test Booklet for your scratch work.
11. As soon as the allotted time expires, hand in your Answer Sheet and Test Booklet. Failure to do this may be considered sufficient cause for cancellation of your examination and debarment for Future examination.

**DO NOT BEGIN UNTIL YOU ARE TOLD TO DO SO**

## EXAMINEES DESCRIPTIVE QUESTIONNAIRE

**DIRECTION:** The 20 items that follow are on some information you are to give about yourself. All these will held strictly confidential. Please be honest and accurate when answering.

Each item is followed by several possible answers. After each item number on your Answer Sheet, blacken fully the circle whose number corresponds to the answer that specially pertains to you.

1. Sex:                    1. Male    2. Female
2. Civil Status:    1. Single    2. Married 3. Widow/Widower    4. Separated/ Divorced
3. Highest Educational Achievement:
  1. Second Year College    2. Third Year College    3. Fourth Year College
  4. College Graduate    5. Postgraduate
4. Year of Last Attendance in school:
  1. Before 1990    2. 1991-1999    3. 2000-2004    4. 2005-2009    5. 2010 Present
5. Location of School of last Attended
  1. Metro Manila    2. Luzon (outside Metro Manila)    3. Visayas
  4. Mindanao    5. Abroad
6. What honors did you receive when you graduated from college?
  1. Summa cum Laude    2. Magna cum Laude    3. Cum Laude
  4. None    5. Not Applicable
7. Present employment:
  1. Government    2. Private    3. Self-Employment    4. Unemployed    5. N/A
8. Type of present job:
  1. Professional/Technical/ Scientific    4. Others
  2. Trades and Crafts    5. Not Applicable
  3. General Clerical
9. Number of times promoted from January 2000 to present times.
  1. Never    2. Once    3. Twice    4. More than two times    5. Not Applicable
10. What was your performance rating for the last rating period in your last rating period in your office?
  1. Outstanding    2. Very Satisfactorily    3. Satisfactorily/Fair    4. Unsatisfactorily
  5. Not Applicable

11. Do you have the following first level eligibilities: Second Grade, General Clerical, Career Civil Service Professional, Municipal or Provincial Clerk?

1. Yes      2. No

12. How many time have you taken the Career Service Professional Examination, Excluding this examination?

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

13. For what reason you're taking this examination?

1. Entrance to government service      2. Change of Status of appointment  
3. Promotion      4. Achievements      5. Others

14. Category of Government office where employed

1. National Government      2. Local Government  
3. Government owned/controlled corporation      4. Constitutional Office  
5. Not Applicable

15. Status of present appointment in the government service

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

16. Years of Experience in government service.

1. Less than 5 years      2. 5-10 years      3. 11-20 years      4. 20 years above      5. N/A

17. If offered appointment in the government service, are you available? When?

- Yes, Immediately      2. Yes, after 1 year      3. Yes, after 2 years      4. Yes, after 3 years  
5. Yes, after I finish my studies

18. If offered appointment in the government service, where do you prefer to work?

1. Metro Manila      2. Luzon (outside Metro Manila)      3. Visayas      4. Mindanao  
5. In Nearby Place in my house

19. For what type of work do you consider yourself best qualified?

- Accounting      2. Budgeting      3. Management and audit analysis  
4. Records Management      5. Research/ Report Writing

20. 1. Statistical Work      2. Stenography      3. Supply Management  
4. System Analysis and Design      5. Others

**DIRECTION:** The following items pertain to the Philippine Constitution, peace and human rights concepts R.A. 6713 (Code of Conduct and Ethical Standards for Public Officials and Employees), values, and environmental protection and conservation. Read each question carefully and choose the best answer from the given options. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

21. The prime duty of this institution is to serve and protect the people.

1. Parents      2. Religion      3. Education      4. Government      5. Family

22. It is the basic autonomous social institution

1. Local government      2. Barangay      3. Family      4. Education      5. NGO's

23. It is the most common form of unregulated commercial fishing.

1. Dynamite Fishing      2. Using Powerful Lights      3. Using Nets that having big holes  
4. Overfishing      5. Using Electric Fishing Rods

24. Major cause of Climate Change.

1. Deforestation      2. Throwing Waste in Rivers and or canals      3. Using Aircons  
4. Burning Fossil Fuels      5. Destructive Fishing

25. SALN stand for:

1. Statements of Application for Liabilities and Network
2. Statements of All Loans in Different Network
3. Sworn Statement of All Liabilities in Network
4. Statement of All Life Network
5. Statement of Assests, Liabilities and Net Worth

26. The following are should be found on SALN, except this one.

1. Business Interest      2. Real Property      3. Personal Property  
4. Liabilities      5. Life Achievements

27. What should be found by the accused person before he/she must arrest by the police?

1. Search Warrant      2. Warrant of Arrest      3. Wanted Receipt      4. Judge Order  
5. Chief of Police Notice

28. In all criminal procedures, the prison should be presumed-----.

1. Guilty      2. Not Guilty      3. Suspect      4. Innocent      5. Principal Suspect

29. Complete the Presidential Succession:

President-----Vice President----- (                      ) -----Speaker of the House

What is the missing part?

1. Members of the Cabinet      2. Blue Ribbon Majority Leader      3. Senate President

4. Minority Leader

5. Interior Secretary

30. The Main reward for outstanding government official or employees.

1. Bonus    2. Salary Increase    3. Paid Vacation    4. Citation    5. Automatic Promotion

31. Jerry my caught by a concerned citizen gambling in a casino somewhere in Cubao. That concerned citizen report it immediately in his boss. Is it sufficient cause to Jerry my that can be relieved by his office?

1. No, because it is a minority case only
2. Yes, because it is a major case
3. No, but he has to pay his penalty and can be also suspended in his work.
4. Yes, because it is a sufficient cause for removing a public official
5. No, because, removal or dismissal, is applicable only in Section 7, 8 and 9 of Code of Conduct for public officials and employees.

32. Magracia fails to submit his SALN, but in her defense, she says that she is only a volunteer in Marikina City and found out that it is true by her evidences. Is it sufficient cause that Magracia cannot be removed from her position?

1. No, because she is a employee and all employees, whether his/her position was, he/ she is covered by this rule.
2. No, because she is a casual employees and casual employees are covered by this rule.
3. No, because she is violating the rule even if she is a volunteer only.
4. Yes, because she is a Volunteer only and volunteer are exempted in this rule
5. Yes, but she has to pay her penalties, even if she is a Volunteer only.

33. One day, a judge accepts the Christmas Cash gift for the favor in the suspect's case. Will the judge be liable in his doing?

1. No, because it is only a gift of favor
2. No, because judge are exempted in his liable like this
3. No, because it is a holiday even if there is something behind of it
4. Yes, because even if Christmas but it is for a favor in his service it is a liable case.
5. Yes, even if you are judge, you are considered as a Public Official

34. In the Public Service, the two values shall maintain by the state. What are those values?

1. Honesty and Patience    2. Integrity and Intelligence    3. Professionalism and Integrity
4. Intelligence and Honesty    5. Honesty and Integrity

35. In terms of environment benefit, specifically, how technology helps us?

1. It produces materials that do not harm the environment
2. Helps us to monitor and study the environment
3. Create smarter technologies to reduce the environmental impact
4. It allows for paperless communication, so that it reduces the amount of trees cut down
5. Technology helps us to reach a broader audience.

**DIRECTIONS:** Some of the sentences in this section contain an error in grammar or correct usage. On your Answer sheet, shade completely the bubbles that corresponds to that section of the sentence that contains the error. If there is no error in the sentence, shade completely box number 5.

36. Traffic Lights with digital timer and CCTV camera on top are essential way to

1 2 3

distinguish those who beat the red light in intersections. NO ERROR

4 5

37. In the Rizal Park, her and his boyfriend, are taking their selfies in what so called

1 2 3 4

"Bantayog ni Rizal" NO ERROR

5

38. When it comes to me OJT, the most expensive trimester of my college life, I do

1 2 3

everything to prepared in it. NO ERROR

4 5

39. On Thursday morning, people reported that they save by Jerry my and its girlfriend

1 2 3

in the last week flashfloods. NO ERROR

4 5

40. Rafael reported in the Guidance Office that someone lost their wallet that contains

1 2

ID, Credit Cards and cash worth 2000 pesos. NO ERROR

3 4 5

41. There might be a war between Jerry my and I, if we are not able to give a solution to our

1 2 3 4

misunderstanding. NO ERROR

5

42. Even though COMELEC proclaim the winner in the 2016 Presidential Election, there is  
1 2  
many candidates who complaint with the results. NO ERROR  
3 4 5
43. In Marikina City, with a beautiful river and a charming people, stand a beautiful city hall  
1 2 3  
at the heart of this city. NO ERROR  
4 5
44. In the group of singers, there are someone who was the best performer, so that the song  
1 2 3  
was played pretty well. NO ERROR  
4 5
45. In Philippines, there are so many places to see like Rizal Park, Banaue Rice Terraces,  
1 2 3  
Chocolate Hills in Bohol and Mayon Volcano in Albay. NO ERROR  
4 5
46. Neither Marikina City nor Makati City amused me because of the Traffic Situation in  
1 2  
EDSA on rush morning Monday. NO ERROR  
3 4 5
47. Either sundaes or pizzas make me fun all throughout the day, causing me to change  
1 2 3  
from bad mood to good mood, in sadness to joyful memories. NO ERROR  
4 5
48. Marikina City, in addition with Muntinlupa City and Las Piñas City, are making some  
1  
plans to reduce its traffic situation like designating Loading and Unloading slots and  
2 3  
Traffic Lights improvement system. NO ERROR  
4 5
49. Natatapos pa lang naming maghapunan, nang biglang lumindol sa aming lugar, tuloy,  
1 2  
ang mga tao ay takot na takot na lumabas ng kanilang bahay at kaagad-agad na  
3  
nagpunta sa malapit na bukirin. WALANG MALI  
4 5
50. Masalimuot ang naging prusisyon ng Itim na Nazareno, naka-tatlumpung ikot pa bago  
1 2 3  
nakapasok sa Simbahan ng Quiapo. WALANG MALI  
4 5

**DIRECTIONS:** Read each of the following sentences carefully, then choose which among the several choices in each group is expressed most satisfactorily in terms of grammar and correct usage. On your sheet, shade completely the bubble that corresponds to your answer.

51. 1. His mother, whom I met in the PTA meeting is much beautiful than you.  
 2. I met his mother in the PTA meeting and she is more beautiful than you.  
 3. His mother, which I met in the PTA meeting is most beautiful than you.  
 4. His mother, who was I met in the PTA meeting is beautiful than you  
 5. His mother, who was meet in the PTA meeting is more beautiful than you.
52. 1. Even though some people think that he is intelligent, most people comment in his or her personality.  
 2. Most people comments in his personality even though some people think that he is intelligent.  
 3. Even though some people think that he is intelligent, most people comment in their personality.  
 4. Even though some people think that he is intelligent, most people comment on his personality  
 5. Despite of some people who think that he is intelligent, most people comment on his or her personality.
53. 1. Magulo na ang paligid, kaya ginagawa na ng mga nakakatandang pinuno ang lahat upang ang sitwasyon ay maging maayos.  
 2. Upang maging maayos ang sitwasyon, ang mga matatandang pinuno ay ginagawa ang lahat, kahit na magulo ang paligid.  
 3. Ang mga nakakatandang pinuno ay ginagawa ang lahat, kahit na magulo ang paligid upang maayos ang sitwasyon.  
 4. Ginagawa na ng mga nakakatandang pinuno ang lahat upang maging maayos ang sitwasyon kahit na magulo ang paligid.  
 5. Kahit na napakagulo ng paligid, ang mga nakakatandang pinuno ay ginagawa ang lahat upang maging maayos ang sitwasyon
54. 1. When the President and Vice President suggest their plans for EDSA Traffic Management plan, his plan is more effective.  
 2. Regarding in the plan for EDSA Traffic Management, the former is more effective  
 3. For EDSA Traffic Management plans, the former is more effective



4. When the President and Vice President suggest their plans for EDSA Traffic Management, the former has the more effective plan.
5. When the President and Vice President suggest their plans regarding EDSA, the President has the more effective plans than the Vice President.
55. 1. Neither emotions nor actions of the people was make me touch.  
 2. Neither emotions nor actions of the people are making me touch.  
 3. Neither emotions nor actions of the people is make me touch.  
 4. Neither emotions nor actions of the people are make me touch  
 5. Neither emotions nor actions of the people is making me touch.

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**DIRECTIONS:** Choose from among the suggested answers the word that means most nearly the same as the word in capital letters. On your Answer Sheet, shade completely the box that corresponds to your answer.

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56. Relota list down all the **SIGNIFICANT** events in his first week of OJT.  
 1. Memorable      2. Important    3. Happiest    4. Specific    5. Life long
57. Every human has a right to **MOOP**.  
 1. Travel      2. Belong    3. Vote      4. Inform    5. Live
58. One of the Objectives of this K-12 Program is to create a **FINESSED** student.  
 1. Talented    2. Weak      3. Creative    4. Analytical    5. Skilled
59. Hindi dapat **MAGKAAWI-AWI** ang salaysay ng mga testigo upang maging matibay ang ebidensiya laban sa kanya.  
 1. Magkulang-kulang      2. Magkagulo-gulo      3. Magsari-sari  
 4. Mag-iba-iba      5. Magkahalo-halo
60. Magracia put her clothes, shampoo and slippers in a **KEISTER** and she looks ready in her 5 days trip in Cebu.  
 1. Vessel      2. Box      3. Suitcase      4. Plastic Bag    5. Shoulder Bag
61. Alden attempts to catch up with Maine/Yaya Dub but she **HITCHHIKES** from a jeepney, leaving only one of her glass slippers for Alden to hold on.  
 1. Ride      2. Trespass    3. Make a Free ride    4. Flee    5. Refuge
62. Many people are **RELUCTANTLY** to do their promise as a married man or woman.  
 1. Swear    2. Unwilling    3. Opposed    4. Unenthusiastic    5. Forgetting

63. Jerry my make a **RIDICULOUS** steps for their practice for Teachers Day  
1. Hilarious      2. Comically      3. Silly      4. Funny      5. Amusing
64. Sa katunayan, kumatha siya nang maglaon ng isang **KINASIHANG** awit, at napasama rito ang sinabi niya tungkol sa kaniyang di-tapat na bayan.  
1. Paboritong      2. Pinagtibay      3. Magandang      4. Kinalugdang      5. Nakakalungkot
65. Roel is so **SURLY** even if lunch time, he did not go with his friends.  
1. Unfriendly      2. Jolly      3. Friendly      4. Alone      5. Tempered
66. People tend to be **CAPRICIOUS** in their behavior depending on the things or happening that they see and experience.  
1. Variable      2. Impulsive      3. Moody      4. Volatile      5. Unpredictable
67. We create a public official that has integrity and **GUILELESS**  
1. Truthful      2. Hardworking      3. Transparent      4. Honest      5. Intelligent
68. Every day I sad because I have a Jealous with other people, especially in other men I have no handsome face, no beautiful body, no money and **NONENTITY**, then, I ask myself, why God existed me?  
1. Infamous      2. Unfamous      3. Not Famous      4. No home      5. No Property
69. Many people are **SYBARITE** they spent their money in nothing, in end, they are nothing.  
1. Contented      2. Thrifty      3. Luxurious      4. Self-Indulgent      5 Not Conscious
70. Ano kaya ang buhay sa ilalim ng **PANUNUPIL** ng isang heneral ng Canaan at ng mga hukbo nito?  
1. Pananakop      2. Pananakit      3. Pagpatay      4. Pamumuno      5. Paniniil

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**DIRECTIONS:** Read each passage and questions carefully. Then choose the best answer among the choices offered. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

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71. With the end of Cold War, the real challenge facing mankind is how to retain the belicate balance between Man and Nature. The word “biosphere” is relatively new. It was introduced only in the late 60’s. It means “the thin layer of air, water and land on our Planet Earth, where life exists.” This thin layer is now endangered because of a head on collision between industrial civilization and earth’s ecology.

According to passage, the problem is.....

1. The effect of Cold war in Mother Nature
2. Massive production of industrial factories
3. Maintain the balance of nature between man and nature
4. Pollution in Air, Water and Land in what so called biosphere
5. The thinnest layer of atmosphere is endangered today

72. Culture is never frozen, never fixed once and for all, never pinned to an ornithologist's collection like all the assorted butterflies of Lepidoptera. A nation advances as its culture advances. But this culture can only be advance by borrowing from the rest of the world. Civilization comes and civilization goes on the strength of their cultural richness and fiber. Once this culture can no longer resonate, a civilization dies.

According to the passage.....

1. Culture is never stop, never dies, but it advances over and over again.
  2. Once the culture does no longer exist in a particular civilization, the civilization dies.
  3. Culture is a big factor for a nations improvement
  4. Culture can improve by borrowing some from another culture
  5. Civilization comes first before a culture.
73. Writing does not only make thoughts real, it does not only make truth real. It makes you real; it makes you flesh and blood, mind and spirit, body and soul. That is why they call it integrity. The man who has integrity is integrated. Writing is not merely which you do. It is what you are. You do not merely say: "This is how I see things. This is how things should be." You say: "This is what I am. This is how I must be"

According to the passage, Writing .....

1. Can express one's opinion and idea for something happen
  2. Is a freedom of expression or feeling of oneself
  3. Can reflect the attitudes and personalities of an individual.
  4. Is a form of expressing feeling into words in a sheet of paper.
  5. Reveals the whole self of an individual, his whole being of an individual.
74. There is no limit to what the human imagination can do----Even well-known historical facts can be twisted to suit the wild imaginings of some fertile brain. Unfortunately, historical distortions are not always harmless; sometimes they can ruin the reputation of individuals and families. They can even cause war between nations. We cannot control the minds of others. But we can control of our own. At least for ourselves, we should be very careful to weigh the facts, and never make a conclusion that is not supported by evidence.

According to the passage, one may conclude that.....

1. The human mind is so rational than other being
  2. Human imagination can lead to progress of a nation
  3. Human mind can easily make a facts and actions to the facts that they learn.
  4. Wrath between individuals, family and nation can lead to ruin, chaos and war.
  5. Human mind is uncontrollable and unpredictable
75. Sa karaniwang galaw ng mga pangyayari, mahirap din naman ang buhay ng ating mga lingkod bayan. Ang pangunahing gawain nila ay maglingkod sa mga nayon at munisipalidad. Ang maganda sana, kahit wala na sila sa tungkuli'y mamamalagi pa rin ang paggalang ng bayan sa kanila. Iyon ang maganda. Ang malungkot na parte ay kung hindi maganda ang ginawang paglilingkod. Lalo na kung sa panahon ng panunungkula'y naging mayabang at

matapobre, na kung umarte-arte'y para bang hindi na matatapos ang pamamayagpag sa tungkulin. Kaya't isang paalala sa mga public servants, maglingkod tayo ng malinis at marangal. Sa gayong paraan, patay na tayo'y pinaguusapan pa ang ating karangalan at mga kabutihang nagawa natin sa bayan.

Ayon sa talata, Ang Public Servant ay dapat.....

1. Ay naglilingkod samga taga-nayon at bayan
2. Iginagalang ng mgamamamayan
3. Ay hindi dapat maging makasarili at sakim sa yaman
4. Ay dapat na maglingkod nang matapat at malinis
5. Ay dapat pinapahalagahan dahil kung hindi, sino ang maglilingkod pa sa atin?

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**DIRECTIONS:** Arrange a group of sentences to create a meaningful paragraph, from the choices offered choose the best answer among the choices. On your answer sheet, shade completely the bubble that correspond to your answer.

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76. A. What are my goals? I haven't earnestly considered it  
 B. Let me think which individual goal is good for me  
 C. Maybe I will help my husband's business. Maybe I will open my own business.  
 D. Everybody has individual goals.  
 E. Maybe I will go to college and continue to study.  
 1. A-E-C-D-B    2. A-B-D-C-E    3. D-B-E-C-A    4. E-C-D-A-B    5. D-A-E-C-B
77. A. However, if the people of the world were to address the issue it would definitely help both the environment and its people.  
 B. This shows that environmental pollution is becoming an increasingly worse problem that needs to be taken care of as soon as possible, not only for the good of the environment but also for the people that live in it.  
 C. Environmental pollution is one of the biggest problems the world faces today. It is an issue that troubles us economically, physically and everyday of our lives.  
 D. The contamination of the environment is also being linked to some of the diseases that are around currently. Yet, most people do not know about this problem.  
 E. On the other hand, if the current way the world's environmental problem is being handled continues, catastrophic consequences can follow for the future population.  
 1. C-D-B-A-E    2. D-B-C-A-E    3. C-B-D-E-A    4. D-A-E-B-C    5. C-D-A-E-B
78. A. Wars break out for various reasons. There are wars between countries or nations and within the nation.  
 B. According to experts, the main reasons or factors that contribute to wars are human greed for wealth and intolerance towards the other.  
 C. The effects of war are both physical and psychological. Human societies are deeply affected by wars as residential areas; public infrastructure, hospitals and the very basis of human existence are destroyed.  
 D. Wars bring untold miseries as well as political and economic instability. People's lives and daily existence come under threat. It would be difficult to find jobs or live our normal day-to-day existence. Populations are displaced and have to constantly move about for security.

E. Thus, humans must avoid wars at all cost. The only way we can protect our lives and ensure stability in our country is to practice tolerance and respect for each other. Or else, we too would become extinct like the dinosaurs!

1. C-B-A-D-E    2. A-C-B-D-E    3. D-C-A-B-E    4. A-B-C-D-E    5. B-A-D-C-E

79. A. Come and Experience the Central Visayas, it's at the center of it all

B. The great thing about these gems is they are so near to each other that you can swing by 2-3 destinations in one visit.

C. The region is strategically located of the archipelago and it is the center of attention of many foreign and domestic travelers.

D. It is no exaggeration when we say that Cebu, Bohol, Oriental Negros and Siquijor are slices of paradise in this part of the world with their natural wonders.

E. The four beautiful island provinces of the Central Visayas beckons travelers from seasoned jetsetters to backpackers who visit the region to experience it's diverse attractions.

1. A-E-B-C-D    2. D-B-E-C-A    3. A-C-E-D-B    4. E-C-D-B-A    5. A-E-C-B-D

80. A. Marami pang panahon para tumigil ka. Marami ring available na paraan para mapaglaban ang iyong kondisyon bilangi sang alcoholic. Manghinayang ka sa panahon na inuubos mo lamang sa iyong pag-inom.

B. Alam nating lahat na ang alak ay isang mapanirang substance. Maraming masamang epekto ang labis na pagkonsumo nito sa ating kalusugan at buhay. At kahit na baliktarin mo ang sitwasyon at mundo, sigurado akong malalaman mong walang mabuting maidudulot ang labis na pag-inom nito lalo na sa pagtagal ng panahon.

C. At sigurado akong hindi na madaragdagan ang iyong mga problema bagkus ay magkakaroon ka ng mas magandang kalusugan at mabuting pamumuhay ngayon at sa darating pang panahon.

D. Kung tutuusin, isang napakadaling gawain ang pagpasok sa kahit anong uri ng addiction. Ang mas mahirap ay ang paglabas sa ganitong kondisyon kapag ikaw ay nalulong na. Ang alcohol ay isang nakaka-addict na substance. Kung patuloy mo itong aabusuhin sa matagal na panahon, maaari kang mahulog sa kanyang patibong.

E. Hindi madali ang huminto sa iyong nakasanayan. Lalo pa nga't na impluwensiyahan na nito ang iyong katawan at isipan. Pero kung ilalagay mo sa iyong utak ang gawaing ito, maaaring mapagtagumpayan mo ito kahit sa iyong sariling paraan.

1. B-E-D-C-A    2. B-A-E-C-D    3. B-C-E-A-D    4. D-E-A-C-B    5. D-B-E-A-C

**DIRECTIONS:** Determine the relationship of the first word to the second word in capital letters. From among the suggested answers, choose the word or group of words that best expresses a similar relationship to the third word in capital letters. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

81. **PEAK** is to **PEEK** as **WEAK** is to \_\_\_\_\_.

1. Months    2. Bed    3. Meek    4. Week    5. Strong

82. **STAGE** is to **MICROSCOPE** as **PRISMS** is to \_\_\_\_\_.

1. Telescope    2. Rainbow    3. Irregular    4. Light    5. Binoculars

83. **DEATH** is to **EUTHANASIA** as **LOVE** is to \_\_\_\_\_.

1. Emotion    2. Devotion    3. Date    4. Proposal    5. Worship

84. **ELONGATED** is to **TREE** as \_\_\_\_\_ is to **PLANT**  
 1. Sunlight 2. Stem 3. Green 4. Dried 5. Soil
85. **GIANT** is to **PLANET** as \_\_\_\_\_ is to **SPACECRAFT**  
 1. Gas 2. Rocket 3. Astronomer 4. Station 5. Experiment
86. **COMPUTATION** is to **PROBLEM** as \_\_\_\_\_ is to **ANGER**.  
 1. Counseling 2. Peace 3. War 4. Hot 5. Control
87. **VOTE** is to \_\_\_\_\_ as **CONVIVIALITY** is to **VALUES**  
 1. Ballot 2. Right 3. Election 4. Choose 5. Politics
88. **PENGUINS** is to **ORINOTHOLOGIST** as \_\_\_\_\_ is to **ELASMOBRANCHOLOGY**  
 1. Rubber 2. Tires 3. Fish 4. Sharks 5. Turtles
89. **DAGAT** ay **ISDA** tulad ng \_\_\_\_\_ ay **PALAY**  
 1. Bukid 2. Kamalig 3. Sako 4. Irigasyon 5. Magsasaka
90. **TICKET** is to **TRAIN** as **KEY** is to \_\_\_\_\_.  
 1. Answer 2. Unlock 3. Door 4. Room 5. Type

**DIRECTIONS:** For each sentence, complete the analogy by choosing a pair of words from the suggested answers. On your Answer Sheet, shade completely the bubble that corresponds to your answers.

91. **NEW YORK: NEW YORK CITY** as \_\_\_\_\_ : \_\_\_\_\_  
 1. Kuwait: Kuwait City 2. Singapore: Singapore City 3. Sulu: Jolo  
 4. Cebu: Cebu City 5. Panama: Panama City
92. **DOWNY: FLUFFY** as \_\_\_\_\_ : \_\_\_\_\_.  
 1. Cloudy: Rainy 2. Imbecile: Stupid 3. Soap: Clean 4. Linen: Clothes 5. Nail: Drive
93. **BILL:** \_\_\_\_\_ as \_\_\_\_\_ : **SMILE**  
 1. Receipt: Teeth 2. Money: Lopsided 3. Law: Pleasure 4. Gates: Pizza 5. Bird: Teacher
94. **DYIP: PAMASAHE** tulad ng \_\_\_\_\_ : \_\_\_\_\_.  
 1. Bayad: Ilaw 2. Sugalan: Pusta 3. Tindahan: Paninda  
 4. Kulungan: Suspek 5. Markahan: Mag-aaral
95. **STORY: EVENTS** as \_\_\_\_\_ : \_\_\_\_\_.  
 1. General: Soldiers 2. Dish: Ingredients 3. Law: Articles 4. Human: Body 5. Life: Problems
96. **RECORD: DATA** as \_\_\_\_\_ : \_\_\_\_\_.  
 1. Shot: Gun 2. Magnify: Lens 3. Chronicle: Journey 4. Store: Foods 5. Serve: People
97. **PRACTICE: PRESENTATION** as \_\_\_\_\_ : \_\_\_\_\_.  
 1. Profession: Preposition 2. Peñafrancia: Penelope 3. Review: Test  
 4. Rehearse: Recitation 5. Preparation: Party
98. **INDULGENT: GENEROUS** as \_\_\_\_\_ : \_\_\_\_\_.  
 1. Honesty: Real 2. Storm: Rain 3. Fellowship: Camaraderie  
 4. Suicide: Depression 5. Abstemious: Thrifty

99. **BUS: PASSENGERS** as \_\_\_\_\_:\_\_\_\_\_.

- |                   |                          |                  |
|-------------------|--------------------------|------------------|
| 1. Forest: Trees  | 2. Light: Clear          | 3. Movie: Series |
| 4. People: Nation | 5. Fireworks: Phosphorus |                  |

100. **PANINGIN: SALAMIN** tulad ng \_\_\_\_\_:\_\_\_\_\_.

- |                            |                       |                   |
|----------------------------|-----------------------|-------------------|
| 1. Paglilingkod: Tao       | 2. Noche Buena: Pasko | 3. Lakas: Pagkain |
| 4. Pagsasadula: Pagsasanay | 5. Problema: Solusyon |                   |

**DIRECTIONS:** Analyze carefully the statements in each of the following items. Choose the correct answer from the given choices. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

### PASSAGE FOR QUESTION 1-3

In a particular city, there are exactly half of 8 barangays were the highest mortality rate from 25% to 44% this year, it reveal those barangays in a some condition. This barangays are called by initials: A, B, C, D, E, F, G, H

1. If H is highest, A is also highest
2. If B is lowest, neither G nor H is lowest
3. If C is highest, D is lowest
4. If F is lowest, E is highest

101. If both F and G are lowest, which one of the following pair are lowest.

- |           |           |           |            |            |
|-----------|-----------|-----------|------------|------------|
| 1. H----C | 2. E----D | 3. A----B | 4. B-----D | 5. D-----C |
|-----------|-----------|-----------|------------|------------|

102. If C and H are highest, which one of the following pair is highest.

- |           |            |            |            |            |
|-----------|------------|------------|------------|------------|
| 1. B----D | 2. F-----A | 3. D-----G | 4. B-----G | 5. A-----E |
|-----------|------------|------------|------------|------------|

103. Based on the following statement, which of the following conclusion is true?

1. Pair BG are highest mortality rate
2. Pair AC has the lowest mortality rate
3. Pair BD has the highest mortality rate
4. Neither E nor G has the lowest mortality rate
5. Exactly one of the pair DF is highest

### PASSAGE FOR QUESTION 4-5

There are 7 groups namely: TC-BT-DE-PS-SH-PC-MC- are given a piece of choric recitation. In deciding the order of performance, the instructor must observe the following:

- DE cannot play in the middle of the performance
- BT cannot play until TC has played
- Neither PS nor SH cannot play 1<sup>st</sup> or 2<sup>nd</sup>
- Either PC or MC must play after BT

104. If TC plays 1<sup>st</sup> what must be true?
1. DE plays last
  2. DE plays Third
  3. PC plays fourth
  4. SH plays on the 4<sup>th</sup>
  5. PS plays after BT
105. If DE plays 5<sup>th</sup> PC is 3<sup>rd</sup> and PS plays immediately after DE, what is the latest play of SH?
1. Third      2. Fourth      3. Sixth      4. Seventh      5. Second

**PASSAGE FOR QUESTIONS 106-107**

A City government awards additional 25% of budget in exactly 4 departments: Disaster Management, Traffic Management, Engineering and Health, each grant being in one of these areas. One or more grants are awarded in each of the 4 quarters of a calendar year. In addition, the following must obtain:

- Exactly 8 grants are awarded
- Exactly 2 engineering grants are to be awarded
- Repetition of grants is not on the same or consecutive quarters
- Every department has a grant or increase of budget in a year.
- Engineering budget must be increased in 4<sup>th</sup> quarter.

106. If an engineering department and health is increase on the particular quarter and the latter is in next quarter. Which of the choices must not be true?
1. Health budget is increased in 3<sup>rd</sup> quarter
  2. Disaster management is increased in 3<sup>rd</sup> quarter
  3. Traffic Management is increased in 1<sup>st</sup> quarter
  4. Traffic Management is increased in 2<sup>nd</sup> quarter
  5. Disaster management is increased in 1<sup>st</sup> quarter
107. If a Traffic Management and Disaster Management is increased in 4<sup>th</sup> quarter then which of the choices must not be true.
1. Disaster Management is in 2<sup>nd</sup> quarter
  2. Engineering department is increased in 1<sup>st</sup> quarter
  3. Traffic Management is increased in 2<sup>nd</sup> quarter
  4. Heath Department is increased in 1<sup>st</sup> quarter
  5. Health department is in 2<sup>nd</sup> quarter

**PASSAGE FOR QUESTION 108-109**

On a certain office, Magracia, Negradas, Stiffany, Melanie, Ara and Jerry my are about to designate on the part of the office they will work. On the designation, a boss has to consider this arrangement from top to bottom of the office.

- Either Magracia or Stiffany cannot be on the bottom.
- Either Magracia or Jerry my cannot be on the right
- Exactly half of them are in bottom
- Ara is on the bottom but neither in left nor right



108. If Negradas is in Middle Top, and Melanie is in Bottom Right, then Jerry my is on \_\_\_\_\_.

1. Top Right    2. Bottom Left    3. Top Left    4. Bottom Right    5. Middle Bottom

109. If Melanie is on the top right, what is the position of Stiffany.

1. Top Left    2. Bottom Left    3. Top Middle    4. Bottom Middle    5. Bottom Right

### TALATA PARA SA IKA-110 BILANG

Sa isang locker na pagmamay-ari nina R,S,T,U,V,W,X,Y,Z, bawat hanay ay may tig-ta-tatlong lagayan na pagmamay-ari nila. Sa pagtatalaga ng lockers para sa kanila, ito ang mga dapat isaalang-alang:

- Si Y ay dapat sa pinakaibabang panggitna
- Kahit si T o si Z ay maaring na sa kaliwa o gitna sa pinakaitaas
- Si W at X ay nasa gitnang hanay pero isa sa kanila ay hindi mapupunta sa gitna.
- Si U ay hindi mapupunta sa lahat ng gitna
- Si V ay hindi mapupunta sa taas o sa kaliwa man.
- Si R o S ay hindi maaring na sa lahat ng gitna pero sila ay palaging kanan.

110. Kung si U ay nasa dulong kaliwa, sa pinakaibabang hanay, ano ang katotohanan batay sa teksto?

1. Si R ay nasa dulong taas sa gitna
2. Si T ay nasa dulong itaas sa kanan
3. Si S ay nasa dulong ibaba sa gitna
4. Si X ang pinakagitna sa locker
5. Si T o W man, isa man sa kanila'y nasa gitna.

**DIRECTIONS:** Each item in this section consists of a statement or a passage followed by several assumptions. Determine the best assumption/s that can be logically made from the given statement or passage. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

111. In order to maintain the good service of government officials, Civil Service Commission has created the system of Incentives and Rewards.

### ASSUMPTIONS:

- I. All government officials are not doing well in their performance
  - II. There are only one who will take the rewards/s.
  - III. Discipline Systems are made so that every government officials will do their best in their service
  - IV. Incentive and rewards are big help to improve the performance of each government officials
1. I, II,III,and IV    2. I and III    3. I and IV    4. III and IV    5. II only

112. You may take this software for 30 days for trials or reviews.

**ASSUMPTIONS:**

- I. This particular software is ensuring its good an modest function for 30 days
- II. There are limited function in this software for 30 days
- III. Users must buy this software if they are satisfied
- IV. Users must buy this software for longer usage
- V. Generally trials are good for knowing the software.

1. IV only      2. I and V      3. I, II, III and IV      4. III and IV only      5. II and V only

113. It is advisable that if Marikina River, goes in 15 m high water level, people in the nearby areas must evacuate if it is continue to rise.

**ASSUMPTIONS:**

- I. Marikina River can cause floods in nearby places if it is continue to rise.
- II. Government has no concrete preparation in the times of floods.
- III. 15 meters high on Marikina river is a signal of evacuation immediately
- IV. Pollution is a factor of Rise of Marikina River
- V. People may or may not evacuate immediately even if Marikina River goes in 15 m water level.

1. I and V only      2. II and III only      3. I and III only      4. All of them      5. III only

114. Paalala sa mga pasahero ng bus na ito: ingatan po ninyo ang inyong mga tiket, kung nawala man ninyo ang inyong tiket, ay ikukunsiderang hindi pa kayo bayad!!!

**PALAGAY:**

- I. Di masyadong tinitignan ng kundoktor ng bus kung sino ang mga bayad na o hindi pa
- II. Ang tiket ay mahalaga bilang katunayan na kayo'y bayad na
- III. Lahat ng tao sa bus ay burara pagdating sa tiket
- IV. Kailangang higitan ng bus ang polisiya sa pagbabayad ng pamasaha upang wala ni isa man sa mga pasahero ang makalusot sa pagbabayad ng pamasaha

1. III lamang      2. II at IV lamang      3. IV lamang      4. III at IV lamang      5. II lamang

115. Heavy traffic situations in EDSA can be reduced if the government has to do action to decrease the number of Private Cars in the Philippines.

**ASSUMPTIONS**

- I. Private cars are the causes of heavy traffic in EDSA
- II. Population increase was the one of the causes of heavy traffic in EDSA
- III. EDSA is always heavy traffic
- IV. Government has not considered private cars as one of the causes of heavy traffic in EDSA.

1. V only      2. I, III and IV only      3. I and IV only      4. I only      5. IV only

**DIRECTIONS:** Each item in this section consists of statements followed by several possible conclusions. Assume that all statements are true, then determine the best conclusion/s that can be logically made from the given statements. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

116. All men are women, some men are not faithful.

**CONCLUSIONS:**

- I. Some men are women
- II. Some not faithful are women
- III. All men are not faithful
- 1. II only      2. II and III only      3. I and II only      4. All of them      5. None of these

117. All happy are politicians, some not happy are people.

**CONCLUSIONS:**

- I. All politician are happy
- II. Some politician are not happy
- III. All people are not happy
- 1. I only      2. III only      3. II only      4. I and III only      5. None of these

118. Some people are misfortunes, all luck are people

**CONCLUSIONS:**

- I. All luck are misfortunes
- II. Some luck are misfortunes
- III. All misfortunes are people
- IV. Some misfortunes are luck
- 1. None of these      2. III only      3. I and IV only      4. I and III      5. II and IV only

119. No man is an island, no lonely is man.

**CONCLUSIONS:**

- I. No island are man
- II. No island is lonely
- III. All man is not lonely

**CONCLUSIONS:**

- 1. I and III only      2. II only      3. None of These      4. III only      5. All of them

120. All money is nothing, no nothing is everything.

**CONCLUSIONS:**

- I. Some money is nothing
- II. Some everything is nothing.
- III. No money is everything.

1. II only      2. I only      3. III only      4. None of the above      5. All of them

121. All boys are construction worker, all construction workers are muscular.

**CONCLUSIONS:**

I. Some Construction Workers are muscular

II. Some boys are muscular

III. All muscular are construction workers

1. I and III only      2. II only      3. All of them      4. None of These      5. II and III only

122. Some bays are having good sunset, all good sunset are relaxing. Manila Bay is relaxing.

**CONCLUSIONS:**

I. Some bays are sunset

II. Some relaxing are bays

III. Manila Bay is having a good sunset

IV. Some bay are relaxing

1. IV only      2. III only      3. I and III only      4. II and IV only      5. III and IV only

123. Ang lahat ng pagtuturo ay nakakapagod. May matutunan kapag may pagtuturo. Si Jerry my ay pagod.

**KONGKLUSYON:**

I. Si Jerry my ay isang guro

II. Nakakapagod ang lahat ng pagtuturo

III. Di lahat ng natutunan ay nakakapagod.

IV. Si Jerry my ay napapagod sa lahat ng pagtuturo.

1. III lamang      2. I at III lamang      3. I, II, at III lamang      4. III at IV lamang      5. IV lamang

124. No life is planet, some planet is discovered, Kepler is a discovery a while ago.

**CONCLUSIONS:**

I. Some discovered are planet

II. Some planet are life

III. No discovered are life

IV. Some discovered are not life.

V. Kepler is a planet

VI. Kepler is discovered but not life.

1. I only      2. II, III and V only      3. IV and VI only      4. III only      5. All of them

125. All Traffic Lights are green, No green is car. There is a traffic light in P. Tuazon Cor. EDSA.

**CONCLUSIONS:**

I. Traffic Light in P. Tuazon is green.

II. Some car is Traffic Light

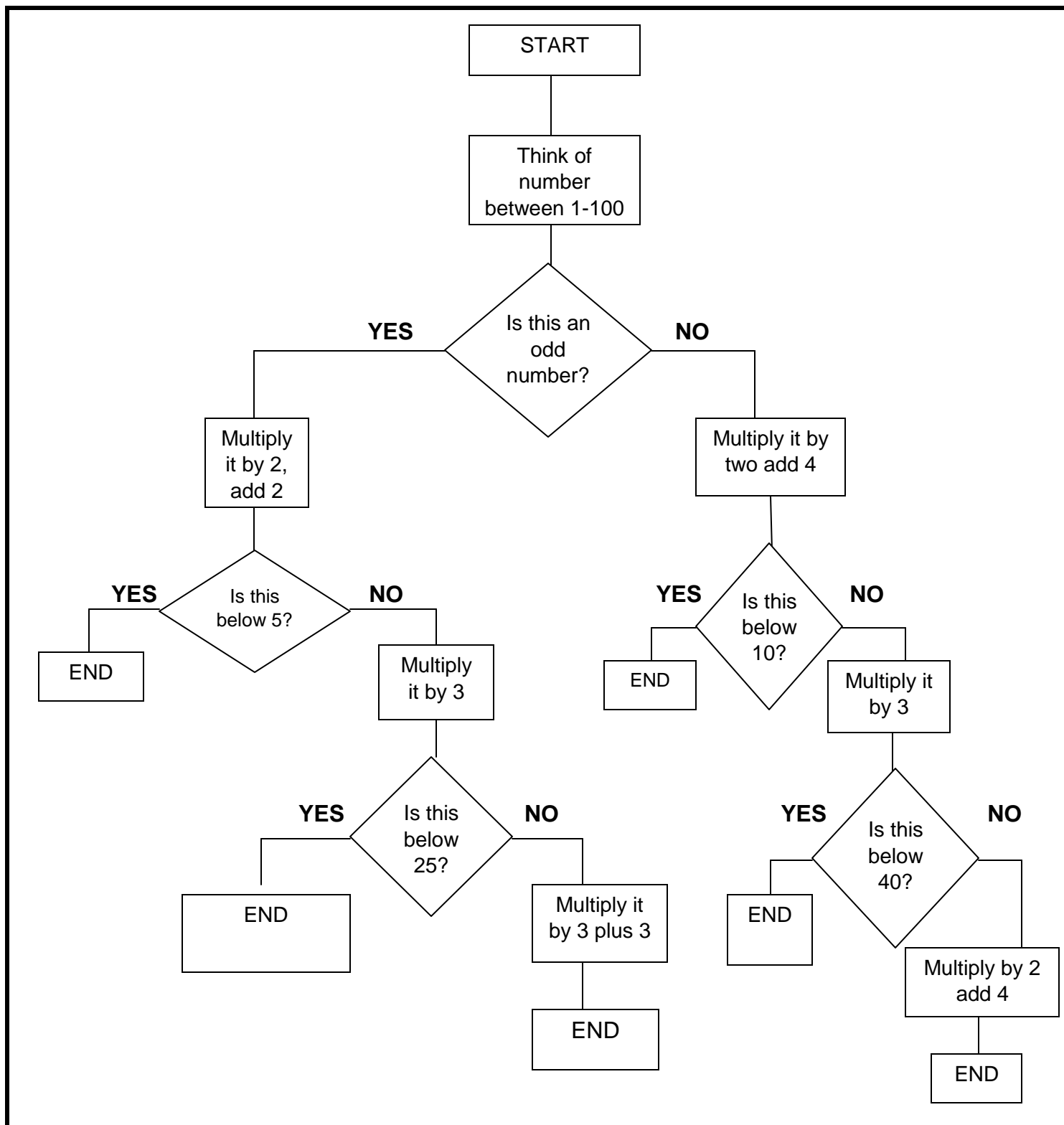
III. No Traffic Light is car

IV. No car is Traffic Light

V. No green is traffic lights.

1. I, III and VI only      2. III and V only      3. I and V only      4. III and IV only      5. III, IV and V only

FOR QUESTIONS 126-130, PLEASE REFER TO THE FOLLOWING CHART



126. If the number is 13, what is the outcome number if the flowchart was followed?

1. 48      2. 355      3. 253      4. 255      5. 251

127. If the number you think is number 12, what is the outcome number if the flowchart was followed?  
 1. 328      2. 172      3. 504      4. 270      5. 168
128. What is the outcome number for the 10<sup>th</sup> lowest prime number?  
 1. 144      2. 147      3. 435      4. 543      5. 50
129. What is possible lowest number for even numbers if the whole flowchart was followed?  
 1. 148      2. 8      3. 4      4. 36      5. 12
130. What is the outcome number for the only prime even number, if the flowchart was followed?  
 1. 8      2. 36      3. 72      4. 1228      5. 30

**DIRECTION:** For each item in this section, determine the relationship between the first and the second numbers or the first and third number. From among the suggested answer, choose the number that will complete the analogy. On your answer sheet, shade completely the bubble that corresponds to your answers.

131. 14 is to 28 as 56 is to \_\_\_\_\_.  
 1. 70      2. 112      3. 3136      4. 28      5. 42
132. 6 is to 180 as 12 is to \_\_\_\_\_.  
 1. 362      2. 24      3. 365      4. 84      5. 120
133. 79% is to 34/43 as 89% is to \_\_\_\_\_.  
 1. 32/40      2. 78/83      3. 67/73      4. 58/65      5. 13/23
134. 37 is to 98.6 as 42 is to \_\_\_\_\_.  
 1. 99      2. 106. 60      3. 107. 60      4. 108      5. 100.6
135. 72 is to 54/75 as 75 is to \_\_\_\_\_.  
 1. 29/40      2. 39/60      3. 48/55      4. 37/42      5. 63/84

**DIRECTION:** Each item section contains a series of numbers arranged according to a certain rule or order. Study the series and determine which number is next. You may use the margin of the page for your computations. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

136. 20, 13, 18, 15, 16, 17, 14, \_\_\_\_\_.  
 1. 18      2. 29      3. 19      4. 23      5. 5
137. 18, 13, 36, 31, \_\_\_\_\_.  
 1. 54      2. 51      3. 72      4. 1296      5. 1291
138. 34, 39, 43, 49, \_\_\_\_\_.  
 1. 82      2. 61      3. 20.5      4. 83      5. 52
139. 66, 40, 70, 44, 74, \_\_\_\_\_.  
 1. 22      2. 48      3. 80      4. 78      5. 72
140. 10, 35, 40, 70, \_\_\_\_\_.  
 1. 55      2. 60      3. 65      4. 75      5. 80
141. 33, 42, 41, 50, \_\_\_\_\_.  
 1. 53      2. 50      3. 49      4. 60      5. 82

142. MZ, JT, \_\_\_\_\_  
 1. EJ                      2. FL                      3. GN                      4. NB                      5. LW
143. 39,78,40, 80, 41 \_\_\_\_\_  
 1. 81                      2. 61                      3. 20.5                      4. 82                      5. 123
144. .04, .44, .004, \_\_\_\_\_  
 1. .144                      2. 144                      3. .008                      4. .044                      5. .00044
145. 29, 31, 37, 41, \_\_\_\_\_  
 1. 42                      2. 49                      3. 44                      4. 43                      5. 39

**DIRECTION:** Answer the following questions by observation or computation. You may use the margins of the page for your computations. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

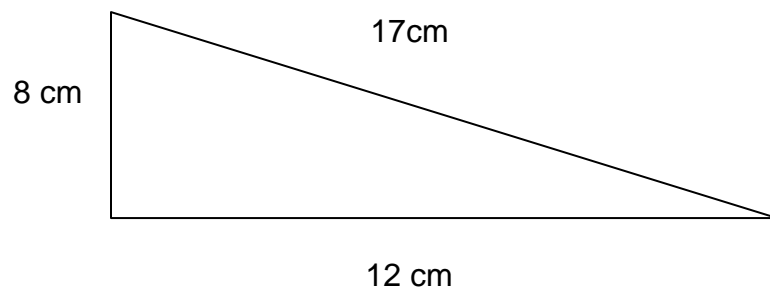
146.  $4 \times 8 + 12/4 - 8/2 =$   
 1. 32                      2. 31                      3. 35                      4. 39                      5. 30
147.  $483.43 + 123.334 + 31.5544 + 444.4 =$   
 1. 182.7184                      2. 1082.4468                      3. 1988.5678                      4. 1082.7184                      5. 1082.7814
148. Which is the greatest?  
 1.  $5/12$                       2.  $17/33$                       3.  $52/80$                       4.  $18/42$                       5.  $50/70$
149. 44 is 80% of what number?  
 1. 50                      2. 60                      3. 54                      4. 55                      5. 70
150.  $18 + 3 \times 3 + (54/3 + -68/-4) =$   
 1. 62                      2. 64                      3. 26                      4. 333                      5. 330

**DIRECTION:** For each of the problems below, choose the correct answer from the choices given. You may use the space at the right portion of the page for your computations. On your Answer Sheet, shade completely the bubble that corresponds to your answer.

151. There are 3 numbers whose sum is 54; one number is double and triple times greater than the other numbers, what are those numbers?  
 1. 10, 20, 34                      2. 9, 15, 30                      3. 8, 16, 30                      4. 9, 18, 27                      5. 7, 14, 21
152. At 6:30 am, Rosalyn told Mendez that she found Rosalie 15 and  $\frac{1}{4}$  hours ago, at what time Rosalyn found Rosalie?  
 1. 9:25 pm                      2. 6:30pm                      3. 5:25pm                      4. 3:25pm                      5. 3:15pm
153. If 3 siomai cost P 15 pesos, how much if Kenneth buy 12 siomais.  
 1. 55                      2. 45                      3. 65                      4. 60                      5. 80
154. 8 man earn a total average salary of 44, 000 pesos, if the average monthly salary of 3 workers was have a total of 16, 500, what is the total average monthly salary of the remaining 5 workers.  
 1. 26, 500                      2. 27, 500                      3. 37, 500                      4. 31, 500                      5. 23, 500
155. What number when increased by 74 percent of itself will equal to 80?  
 1. 43                      2. 42                      3. 44                      4. 54                      5. 46

156. Magracia is 25 years younger than her mother, In 4 years; Her Mother will be twice as old as Magracia. How old are they now?  
 1. 18, 36      2. 25, 50      3. 29, 58      4. 21, 46      5. 13, 26
157. The sum of the ages of Negradas and Stiffany are 47. In seven years, Negradas will be more than four times as old as Stiffany. How old are they now?  
 1. 49, 20      2. 16, 4      3. 23, 24      4. 41, 13      5. 49, 12
158. A Bus starts at North Avenue heading to somewhere in Pasay City at 48mph. Four hours later, a same train leaves at the same station for Pasay City at 64mph. How long before the passenger jeep overtakes the bus  
 1. 13      2. 14      3. 10      4. 12      5. 16
159. Lanie is 44 years old. Her daughter is 8 years old. In how many years will Lanie be double her daughter age?  
 1. 30      2. 32      3. 28      4. 29      5. 16
160. If the train in LRT 2 rides from Santolan Station in 4.43pm and arrives at Recto Station at 5: 37pm, how long does it take to reach that Recto Station?  
 1. 33 minutes      2. 56 minutes      3. 46 minutes      4. 54 minutes      5. 48 minutes
161. Van A leaves the terminal at 3:40pm, at a rate of 44mph, Van B leaves the terminal at 4:25pm at a rate of 37mph, at how many kilometers did the Van B, will overtake the Van A.  
 1. 433 km      2. 344km      3. 315km      4. 312km      5. 443km
162. Barangay Project 4 has a population of 23,000 at year 2012, with a population growth rate of 8 percent per year, at 2017, what population will it be?  
 1. 33, 795      2. 32,765      3. 33, 895      4. 31, 475      5. 38, 975
163. Josie, Janus and Jomarie can do a paint job in 24, 48, and 72 respectively. In how many days can B do the work if he assisted by A and C in every 8 days?  
 1. 12  $\frac{1}{11}$  days      2. 14  $\frac{1}{11}$  days      3. 13  $\frac{1}{11}$  days      4. 16  $\frac{1}{11}$  days      5. 10  $\frac{1}{11}$ days
164. Franshel gets 36 percent of what she sells. If Maria sold P47,000 pesos, worth of items for this month what is her salary?  
 1. 16, 920      2. 17, 420      3. 20, 820      4. 18, 620      5. 17, 720
165. The length of a rectangle is twice the width. If the both length and width is increased by 4 inches the resulting area is 67 square inches less than the original rectangle. Find the dimension of original rectangle.  
 1. W=7      L=14      2. W=7.12      L=14.24      3. W=6.92      L=13.84  
 4. W= 6. 84      L= 13. 66      5. 7. 04      L=14.08

166.



Give that data, what is the perimeter of this triangle?

1. 27 cm      2. 37 cm      3. 83 cm      4. 93 cm      5. 249 cm



167. Barangay Calumpang has a population of 37, 000 which decreases by 302 people per annum. Barangay Tumana has a population of 24, 500 which decreases by 297 people per annum, in how many years will the population of both barangays be equal, in estimation?
1. 105 years      2. 104 years      3. 102 years      4. 103 years      5. 100 years
168. A batch of 63 students can finish their particular project for 44 days. How many days were made to finish the particular project by 34 students?
1. 44      2. 56      3. 49.6      4. 56.7      5. 48.7
169. Magracia is paid 44,000 pesos for a regular 80 hour per 10 days. For overtime of more than 80 hours, she receives twice and a half as much as in her regular rate. How many hours did she work during a particular time when she earned about 140,000 pesos?
1. 150      2. 139.6      3. 151      4. 149.8      5. 142.8
170. Stiffany leave her house at 4:00 am, she drove her own car at a rate of 48kph. After an hour, Rafael follow Stiffany in her own car with a rate of 60kph. In what time they will meet if Stiffany rested for an hour at 600 km and in that Rafael is at 150 km/hr with no resting.
1. 9:00 am      2. 4:00pm      3. 9:00pm      4. 3:00pm      5. 6:30pm

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**END**

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