

COLLEGE OF EDUCATION

PRE-BOARD EXAMINATION

IN

GENERAL EDUCATION

MULTIPLE CHOICE. Choose the appropriate answer on the given choices.

1. Army men who are rescued from insurgent kidnap undergo medical check-up. Why is this done?
 - a. To protect the prisoner from further harassment.
 - b. To avoid relapses from illness while hiding.
 - c. To determine the physical and mental state of the army man.
 - d. To determine the loyalty of this army man.
2. The reporter was accused in court because of his news story. The story was _____.
 - a. A tainted with malice
 - b. A narration of facts
 - c. Too personal to take.
 - d. Full of distorted facts
3. The menace of drugs has affected the Philippine economy greatly. Which of these drugs are found most destructive to one's brain?
 - a. Opium
 - b. Marijuana
 - c. Methyl salicylate
 - d. Shabu
4. Miss. Victoria has many children. Her husband decided to send there to Manila and seek jobs. The eldest child is only 16 years old. What right is violated by the father?
 - a. Right of family living wage
 - b. Right to education
 - c. Right of the children to work and exploitation
 - d. Right of the children to assistance, proper care and attention
5. A prisoner was made to confess his guilt. A lawyer of the respondent was present in the confession. What was violated?
 - a. The confession was without due consultant.
 - b. The prisoner was approached properly
 - c. The prisoner should have a lawyer of his choice
 - d. The choice of the lawyer was made by the accuser.
6. The hostage victims were heard asking the rescuers to hold on to the fort. What was the message?
 - a. Disregard the peace negotiation
 - b. Rescue them past and early
 - c. Surrender in arms
 - d. Keep on with the fight
7. When do doctors declare dengue fever as an epidemic?
 - a. When everyone is suffering from a cold
 - b. When two are hospitalized from the neighborhood.
 - c. When the proportion of patients reach at least 15% of the population.
 - d. When every household of the houses are sick with high fever.
8. Parents are worried about student's interest in Internet. What is the most safeguard?
 - a. Check on learners' interest while surfing.
 - b. Allow internet only after classes.
 - c. Supervise Internet use with parent consent
 - d. Allow students use of Internet instead of using library books.
9. Families of OFW meet a lot of conflict. How does the government address this?
 - a. Increase insurance benefits
 - b. Encourage more opportunities for OFW

- c. Provide scholarship for husband left behind to study
- d. Creation of skills development centers for OFW.

10. How does the Department of Science and Technology assure quality science teaching in secondary schools?

- a. Open up science high school in every province.
- b. Share researches and distributes equipment to schools.
- c. Carry one science fair every year
- d. **Maintain a scholarship grant for deserving science and mathematics teachers.**

11. A big majority of teachers were found to be suffering from the pulmonary tuberculosis. What approach is best address this problem.

- a. Subject all teachers to yearly x-ray examination.
- b. **Follow-up cases and treatment and coordinate with the DOH.**
- c. Ask the teachers to go on leave or resign
- d. Require sick teachers to cover their nose and mouth with a sanitary mask.

12. Two times a certain number added to 40 gives the same result as three times the same number subtracted from 75. What is the number? **The answer for this is 7.**

- a. 20
- b. 30
- c. 15
- d. 10

13. A pancake was cut into 8 pieces. Three brothers ate one piece each. What part of the cake was?

- a. $\frac{1}{2}$
- b. $\frac{2}{8}$
- c. **$\frac{5}{8}$**
- d. $\frac{1}{4}$

14. A meat dealer sold his butchered cow for Php21,500. If each kilo of beef cost P120 each, how many kilos were realized from one cow?

- a. 179.16 kg
- b. 179.18 kg
- c. 180 kg
- d. **178 kg**

15. What is the exponential function of $Y=f(x)$?

- a. $y=2x-1$
- b. $y=x-5$
- c. $y=x-1$
- d. **$y=5x$**

16. A tenant was awarded a house and lot package worth P180,000.00. She has to pay the package for years at 9% per annum. How much will the house and lot cost after 20 years?

- a. **P504,000.00**
- b. P500.00
- c. P604.00
- d. 704.00

17. Matapos alagaan at pakainin sa palad siya ay kinagat sa sariling kanang kamay. Ito'y may kahulugan sa:

- a. **Katraydoran**
- b. Kawalang utang na loob
- c. Kabastusan ng tao
- d. Kawalang galang sa matanda

18. Batay sa bilingual na edukasyon, mainam ang gamit ng Filipino sa Araling Panlipunan dahil:

- a. Madaling maipaliwanag ang mga konsepto sa Filipino
- b. Madaling maunawaan ang mga konsepto sa Filipino
- c. Walang pag-aalinlangan ang pagsagot ng mga mag-aaral sa wikang Filipino
- d. **Malimit pag-usapan ng mga mag-aaral ang konsepto kahit sa labas ng paaralan**

19. How can a farm land transferred to a tenant be reclaimed by the landowner? In such condition as:

- a. When the tenant fails to pay the agreed rental for five planting season
- b. When the tenant re-sells his land to non-recognized transferees
- c. **When the tenant fails to pay land tax**
- d. When the tenant on a rent basis fails to submit the agreed rental of several cavans of rice.

20. Honey is extracted from bees. To ensure a supply of honey for food and medicine, what has been reported to lately?

- a. **Culture honey bees for propagation**
- b. Encourage bee farm in chosen areas
- c. Gather honey from the forest
- d. Discourage the use of pesticides in honey farm

21. Which expresses the polynomial in the following?
 a. $2x+4x-3$ c. $x-x+9-3x+10x$
 b. $xy-x-6$ d. $x-4x+2x-x+2$
22. The weather report recorded a temperature of 29 C in the morning and 33.5 C at two o'clock in the afternoon. How many degrees higher was the afternoon temperature?
 a. 5.8 C c. 6.8 C
 b. 5.5 C d. 4.5 C
23. Why are the Filipino overseas worker considered modern time heroes?
 a. They became broad minded, skilled and economically stable.
 b. They have helped stabilized Philippine economy.
 c. They come home ready to feast their town-mates and friends.
 d. They sacrifice all-the family life economies just to improve their quality of life.
24. The volume of a gas is inversely proportional to its pressure. When the pressure is 30cm of mercury, the volume is 600 cubic cm. Find the pressure when the volume is 250 cubic cm.
 a. 12.5 cm of mercury c. 72 cm of mercury
 b. 28 cm of mercury d. 65 cm of mercury
25. The report from congress registered rejection on the proposed bill. This means _____.
 a. Some changed parties' c. Some favored the leadership
 b. Some proved their lack of cooperation d. The majority failed to get the group support
26. A young girl left her baby at the household of a monastery. The child grew up without knowing her mother and father. What right is deprived of the child?
 a. Right to freedom of choice c. Right to quality education
 b. Right to assert individuality d. Right to life
27. Form a sentence from these words.
 1. The senator 3. Although he raised his voice
 2. As a legislator 4. Accepted several amendments
- Which is the best arrangement?
 a. 2, 1, 4, 3 c. 1, 2, 3, 4
 b. 4, 3, 2, 1 d. 2, 1, 3, 4
28. A swimming contest is held in a four lane swimming pool of 50 meters long. The contest is for the 200 meter. How many times will each swimmer run in this contest?
 a. 10 times c. 5 times
 b. 15 times d. 4 times
29. There are many cases of abuse on Filipino contract workers. Where can these workers seek justice and redress?
 a. International Court of Justice
 b. Department of Labor and Employment
 c. Philippine Supreme Court
 d. DOJ and Foreign Affairs Consulate Office in the Foreign country
30. Quality of Education they say is:
 a. Every citizen's accounting task c. Everybody's concern at times
 b. Everyone's responsibility d. Every parent's and teachers responsible task
31. Only 682 examinees passed in a Nurse Licensure Examination out of 2550 examinees. What is the passing percentage?
 a. 26% c. 26.8%
 b. 26.7% d. 26.5%
32. To assure healthy banking industry, the Bangko Central has encouraged.
 a. Bank tie up with foreign banks c. Bank Closure and Declared bankruptcy
 b. Bank Merger d. Selling of Stocks to interested buyers

33. The Department of Agriculture noted that only 1/3 of the palay produced are used to advantage. What measure was adapted to save observed harvest wastage?
- Rice milling process
 - Palay-drying and storage
 - Rice transplanting method
 - Palay exchange and marketing**
34. In order to avoid unnecessary stress in the ARRM election, what measures were under taken lately in the government?
- Maintained a status quo on personnel
 - Allowed a reorganization of the structure**
 - Postponed the election to a later date
 - Started a motion for recall with the Comelec
35. A couple was just married when the groom is three scores alder than the bride. How old is the bride is she one score younger?
- 20 years**
 - 40 years
 - 50 years
 - 30 years
36. Children in upland places are found affected by enlarged goiter. Which of this situation may help this group of children?
- Add iron to diet
 - Add iodized salt to diet**
 - Expose the children to ultraviolet rays
 - Add iodine drops to diet
37. What word is not properly spelled and used in these sentenced?
- There were confusions on admission
 - There were commissions on the fare
 - There was confusion on directions**
 - There was confusion in the plane
38. The Bible goes for parallelism. It says "Blessed are the poor-in-spirit, for theirs is the kingdom of heaven". This means....
- Heaven is not only for the rich but also for the poor man
 - Poor spirit can be an open gate to heaven**
 - Poorness in spirit is not a way to hell
 - The poor can become rich.
39. At the Philippine General Hospital, doctors reported on the abandoned patients. This means:
- The patients do not have permanent address
 - The patients cannot afford to pay their bill
 - The patients are left by doctors
 - The patients are left behind by relatives.**
40. The death of men in the mine was caused by:
- Suffocation**
 - Lethal smell
 - Erosion
 - Darkness
41. "A time patriot is indefatigable in promoting political truth". The question means
- A hero practices political truth
 - Patriots are rich and truthful
 - Patriots are brave and cunning**
 - Patriots forget selves to serve others
42. Ano ang tawag sa mga titik batay sa bigkas ng Ingles?
- Alivata or baybayin
 - Alpabetong Filipino**
 - Alpabetong Romano
 - Alpabetong Pilipino
43. Ang sabi ni Romulo sa isa niyang akda, ang Pilipino ay dugong maharlika. Ano ang kahulugan nito?
- Ang Pilipino ay sadyang matatag ang budhi
 - Ang Pilipino ay nanggaling sa malayang lahi
 - Ang Pilipino ay madaling maipagbili at mabola
 - Ang Pilipino ay di purong Pilipino**
44. Ang Tagalog ang naging opisyal na wika ng Pilipinas dahil sa:
- Saligang batas ng 1986**
 - Saligang batas ng 1973
 - Saligang batas ng 1935
 - Saligang batas ng Malolos

45. Di katakataka na ilang pulis ay hinihinalang kasangkot sa paglaganap ng krimen. Ano ang kahulugan ng kasangkot?
- Kabalikat
 - Kabilang**
 - Kasabwat
 - Kasama-sama
46. Ang di niya makalimutan ay isang _____ ng anak niya bago umalis pa Amrika.
- Pagaako
 - Paako
 - Paako
 - Pangako**
47. A swimming pool is an equilateral triangle in shape. One side is 11 meters. How many meters rope is needed to enclose the pool?
- 55 meters
 - 45 meters
 - 44 meters
 - 33 meters**
48. Water is rationed in a village every other day. The truck tanks deliver 8 tons of water to 10 hours. How many tons of water, were delivered in 4 days to each house by the agent?
- 32 tons
 - 320 tons
 - 40 tons
 - 80 tons**
49. Mrs. Alice's bathroom has to be covered with tiles. The edge of the bathroom needs rubberized tiles. If the tub is 2.3 meters long and 1.8 wide, how many meters of rubberized tiles are required?
- 9.2 meters
 - 8.2 meters
 - 4.6 meters / 4.14 meters**
 - 2.3 meters
50. An executive office has to be carpeted. The area is 3m by 4m, the carpet costs P1,000.00 per square meter. How much will be spent for the purchase of the carpet?
- P120,000.00
 - P10,000.00
 - P12,000.00**
 - P1,000.00
51. Write this ratio in its simplest form: 3dm to 20 cm.
- 20.3
 - 20.30
 - 30.20
 - 3:20**
52. The Department of Health allows sale of drugs and medicine after thorough laboratory test. Which those drugs is discouraged for use because of its component?
- Vitamin A and B
 - Tea and sugar syrup
 - Bangkok pills**
 - None syrup
53. Food markets are encouraged to handle cooked food well. One incident in a wedding party sent hundreds of guest to the hospital. It was found out that the food.....
- was left uncovered
 - was half cooked
 - had ptomaine poison
 - was contaminated with dysentery bacteria**
54. Similar eruptions of volcanoes have affected lives in Zambales. Relief and evacuation were managed by the Red Cross in Mindanao, specifically in:
- Taal volcano
 - Mayon volcano
 - Hibok-hibok**
 - Mt. Halcon
55. Modern science has used technology to help doctors determine illness. A child bumped and fell with his head hitting a concrete pavement. Which medical approach will determine the status of the cranial accident?
- Submit the child to chest X-ray
 - Submit the child to cranial x-ray
 - Submit the child to cranial scanning**
 - Open up and do surgical operation.
56. In the Philippine government, the earliest and smallest service of government is the:
- Municipality
 - Poblacion
 - Barangay**
 - Barrio
57. The city government of Metro Manila had been closing and raiding night spots. What is the basic reason of the campaign?
- Many homes are destroyed by these night clubs
 - The values of the young are affected by these clubs

- c. The fast spread of HIV and AIDS are traced to these places
- d. These spots are areas of crimes

58. Personal income tax should be paid and filed every year by employees and corporation. Who among the group are exempt from filling income tax returns?

- a. Government employees on daily, contractual and consultation basis
- b. Government employees receiving less than P18,000.00 per year
- c. Government employees receiving only pensions
- d. Overseas workers

59. Protest from inhabitants close to dumping sites of Metro Manila waste arises from some observable factors. The most serious of which is:

- a. Presence of human being dumped in the sites
- b. Unlimited seepage of waste into the water shads
- c. Presence of flies and mosquitoes
- d. Noise pollutants from garbage trucks

60. Philippine eagles are identified as rare species. Lately, in Davao more eagles were raised through

- a. Catching eagles and raised them in cages
- b. Artificial insemination through fertilized eggs
- c. Incubating eggs from their nests
- d. Putting up eagle farms under the Bureau of Wildlife

61. Scientific attitudes require of learners accuracy and verification of data. Which manifestation is often observed in experimentation?

- a. Objectivity
- b. Rationality
- c. Curiosity
- d. Critical mindedness

62. The proper disposal of garbage has improved the environment. The process of handling waste is through:

- a. Utilization of organic compounds
- b. Burning non-biodegradable waste
- c. Emerging waste soluble waste
- d. Recycling biodegradable waste

63. The nervous system has its specific function. Which is the closest function?

- a. The spinal cord links the finger tips to the brain
- b. Impulses transmit messages to the brain by electrical signal
- c. Human body activities are all in the nervous system.
- d. The nervous system defends most on the brain.

64. A provincial governor was convicted for using prisoners to build his summer resort. What should the prisoner demands?

- a. The right to refuse the job
- b. The right to vote
- c. The right to live in standard rooms
- d. The right to just compensation

65. A priest gave all his possessions to disabled children. What right may they claim?

- a. Right to just treatment
- b. Right to proper treatment
- c. Right of disabled to equal treatment
- d. Right to disabled to equal protection

66. The case of farmers in Sumilao, Bukidnon was won by the landowner. How was the case decided by the Supreme Court?

- a. Final judgment was made because of political pressure
- b. The farmers were paid before hand
- c. The farmers were landholders of a farm
- d. Final judgment was made after it was established that the farmers were not legitimate holders of titles of the land.

67. The entry of data and commands into the computer system is made possible through the:

- a. Keyboard
- b. Diskette
- c. Printer
- d. Monitor

68. A peace officer forced open the house of the drug pusher. The drug pusher complained on the police officer's actuation because he alleged that:

- a. He was not around when the incident happened
- b. The officer had no warrant of arrest
- c. The officer was armed
- d. The right for privacy was violated

69. A candidate was detained for working against a dominant political party. Which right can be invoked?

- a. Right to his political beliefs
- b. Right to his aspirations
- c. Right to seek redress
- d. Right to vote according to one's conscience

70. Which of the following values is CLOSEST to the square root of 4000?

- a. 63
- b. 200
- c. 22
- d. 19

71. The arithmetic mean of a set of 50 numbers is 38. If two numbers 45 and 35 are discarded, the mean of the remaining set of numbers is:

- a. 37.24
- b. 37.5
- c. 37.0
- d. 36.5

72. If $5x > 0$ which of the following must be true?

- a. II only
- b. II and III

- I. $x < 0$
- II. $1/x > 0$
- III. $-x < 0$
- c. I and II
- d. I only

73. If P is a positive integer in the equation $12p = q$, then q must be a:

- a. positive even integer
- b. negative even integer
- c. positive odd integer
- d. negative odd integer

74. Ikaw ba ang dapat sisihin sa nangyari?

- a. Pagsasadula
- b. Pagbati
- c. Pagbibigay ng impormasyon
- d. Pakikipagkapwa

75. Alin sa mga sumusunod ang pinakatamang pangungusap?

- a. Ang mga batatan sa lansangan ay naglalaro at nagtatatbuhan sa lansangan.
- b. Ang mga kabataan ay naglalaro at nagtatatbuhan sa lansangan kung maliwanag ang gabi
- c. Ang mga kabataan ay naglalaro kung maliwanag ang buwan at nagtatatbuhan sa lansangan.
- d. Ang mga kabataan kung maliwanag ang buwan ay nagtatatbuhan sa lansangan at naglalaro.

76. Kabaliwan at paglulustay ang inyong ginagawa taun-taon. Higit na marami ang maralitang nangangailangan ng salapi at dunong. Ang nagsasalita ay ____.

- a. maramot
- b. praktikal
- c. matipid
- d. kuripot

77. Piliin ang gawi ng pagsasalita: Ayokong sumusunod sa mga sinasabi mo.

- a. babala
- b. pagtanggap
- c. pakiusap
- d. pamungkahi

78. Ikinalulungkot ko ang mga nangyayari.

- a. pagsagot
- b. pagtatanong
- c. panghula
- d. paghingi ng paumanhin

79. Ipinagmamalaki mo siya, BAHAG naman pala ANG kanyang BUNTOT. Ang ibig sabihin ng may malaking titik ay:

- a. mahiyain
- b. traidor
- c. kuripot
- d. duwag

80. What is the range of the following: 66, 70, 83, 90, 85, 78, 79, 81, 87. The answer is 24.

- a. 12
- b. 15
- c. 16
- d. 20

81. Change the following percents to decimals: 23%, 5%, 3%, 3.5%
- | | |
|------------------------|-------------------------------|
| a. 2.3, 500, .30, 30.5 | c. .23, .05, .03, .035 |
| b. .23, 50, 03, 3.05 | d. .023, 5.00, 3.0, 03.5 |
82. Which of the following audio-visual sets of equipment can best project visual materials in a classroom that is difficult to darken?
- | | |
|--------------------|------------------------------|
| a. Filmstrip | c. Opaque projector |
| b. Color materials | d. Overhead projector |
83. If the scores of 10 students are: 76, 80, 75, 83, 80, 79, 85, 80, 88, 90, the mode is ____.
- | | |
|-------|--------------|
| a. 79 | c. 80 |
| b. 85 | d. 88 |
84. A vehicle consumes one liter of gasoline to travel 10 kilometers. After a tune-up, it travels 15% farther on one liter. To the nearest tenth, how many liters of gasoline will it take for the vehicle to travel 30 kilometers? **The answer is not found in the options. Please compute.**
- | | |
|--------------|-----------------|
| a. 23 liters | c. 23.15 liters |
| b. 20 liters | d. 20.15 liters |
85. If each of the five members in a basketball team shakes hands with every other member of the team before the game starts, how many handshakes will there be in all?
- | | |
|--------------|------|
| a. 8 | c. 6 |
| b. 10 | d. 9 |
86. How many twenty thousands are there in one million?
- | | |
|--------------|---------|
| a. 500 | c. 100 |
| b. 50 | d. 1000 |
87. What is $\frac{1}{5}$ called a unit fraction?
- | | |
|-------------------------------------|---|
| a. The unit is less than one | c. It is between 0 and 1, the basic unit |
| b. The number 5 is the denominator | d. Unit fractions have 1 as the numerator |
88. A rectangle has sides of 10 and 12 units. How can the area of a square be computed if it has the same perimeter as the rectangle?
- | |
|--|
| a. Add 10 and 12, double the sum, divide by 4, then multiply by 4 |
| b. Add 10 and 12, double the sum, divide by 4, then multiply by |
| c. Add 10 and 12, double the sum, divide by 4, then square the quotient |
| d. Add 10 and 12, double the sum, then multiply by 4 |
89. Rabies comes from dog and other bites. How could this prevented?
- | | |
|-----------------------------|---|
| a. Tie the dog at all times | c. Kill the dog that bites |
| b. Keep the dog in cage | d. Have the dog vaccinated with anti-rabies. |
90. A father was misunderstood by his teenage boy because:
- | |
|---|
| a. The father abhorred and mistook modernization as being fresh. |
| b. The father imposed on his values on counting and marriage |
| c. The father did not understand the teenage values on dating |
| d. The father could not tolerate a live-in arrangement of his son |
91. The death of the kidnapped victims by the terrorists was considered:
- | | |
|--|-----------------------------------|
| a. A deviation from protocol | c. A neglect of priorities |
| b. A revenge for atrocities of civilians | d. An affront to the leadership |
92. Voting is a privilege in a democracy. Those who are deprived their votes are normally:
- | | |
|---------------|---------------------------|
| a. Franchised | c. Disenfranchised |
| b. Exiled | d. Execute |
93. How do countries register dislike or disagreement of another country's discussion through diplomatic means?
- | | |
|-------------------------------------|--|
| a. File a diplomatic protest | c. Declare war immediately |
| b. Recall all its nations | d. Retaliate by arresting nationals of other country |

94. How did recipient of operation title transfer react to taxation?
- a. They wanted that landlords to pay taxes
 - b. Assessment of transfer titles are recognized by local offices
 - c. Cooperatives do not explain the tenants' role on taxation
 - d. **Paying taxes was obviously not the new land owners concern**
95. Without limiting the rights of parents to rear their children, the constitution provides compulsory elementary education for:
- a. All children of pre-school age
 - b. **All children of school age**
 - c. All physically able individuals
 - d. Adult citizens and out-of-school youth
96. Which of the following causes the seasons?
- a. The rotation of the sun about the earth
 - b. The distance of the earth from the sun
 - c. The rotation of the earth about the sun
 - d. **The tilting of the earth on its axis**
97. Which of the following statements best explains why copper is the metal most widely used in electrical wiring?
- a. It has high resistance to electricity
 - b. **It is best conductor of electricity**
 - c. It is cheaper than aluminum
 - d. It is better conductor than aluminum and cheaper than silver
98. What is the social scientist's explanation of the relationship of a leader to history
- a. Leaders are a product of their times
 - b. History is a reflection of great leaders
 - c. **Every great movement is the lengthened shadow of a great man**
 - d. Had any great leader been different than he was
99. Mass society is described as being composed of anonymous individuals. The word "anonymous" used to convey the idea that the individuals involved:
- a. **Are unaware of other individuals exposed to the same stimuli**
 - b. Are known only to those who control the mass media
 - c. Are unaware that there are mass audience
 - d. Have little influence on decision making since they are not organized
100. What is LEAST likely to be function of a trade association?
- a. Protecting the reputation of the industry
 - b. Standardizing types of products
 - c. **Influencing government policy**
 - d. Encouraging competition
101. In every society, a certain positions are assigned to individuals on the basis of age, sex, marital status, and other criteria. These patterns are:
- a. University accepted and practiced
 - b. **Cultural defined**
 - c. Learned from parents
 - d. Taught in school
102. To be a moral person is to:
- a. **Know and act upon the "ought to be" and the "ought to do"**
 - b. Be integrated in speech, feelings, thinking and action
 - c. Be able to follow the dictates of one's conscience
 - d. Be acceptable by society
103. Which of the following characterizes the behavior pattern of differed gratification?
- a. The minority groups
 - b. **The lower class**
 - c. The upper class
 - d. The middle class
104. The El Nino phenomenon which grabbed control of the world's weather machine is identified by climatologists as:
- a. **Lack of rains, droughts, crop failure**
 - b. Landslides, flash floods, warm air currents
 - c. Heavy downpours, tropical storm in some parts of the earth
 - d. All of these

105. A storm or a group of atoms which has an excess/deficiency of electronics is called:
- a. Proton
 - b. Molecules
 - c. Electrons
 - d. Ion
106. When lighted, the energy of the alcohol in a lamp is:
- a. Transformed from chemical to mechanical energy
 - b. Transformed from chemical to heat energy
 - c. Lost while heating is done
 - d. Completely destroyed
107. Radium was discovered by:
- a. Pierre and Marie Curie
 - b. Albrecht Van Haller
 - c. Joseph John Thomson
 - d. Albert Einstein
108. Fossils are most likely to be found in:
- a. Ocean floor
 - b. Sedimentary rocks
 - c. Igneous rocks
 - d. Metamorphic rocks
109. Four circular holes of equal size arranged from top to bottom were cut 2 cm apart into a large plastic bottle. The holes were covered with tape, and the bottle was filled with water. The tape was then removed. Which of the following statements will BEST describe the result?
- a. The sudden release of water will cause the bottle to collapse
 - b. Water from each hole will squirt out the same distance from the hole
 - c. Water from the top hole will squirt out the farthest
 - d. Water from the bottom hole will squirt out the farthest
110. Symbiosis is defined by biologists as individuals of different species living together in intimate association, regardless of whether the association is harmful, neutral or beneficial. All of the following species are examples of symbiosis EXCEPT:
- a. Humans and tapeworms
 - b. Dogs and fleas
 - c. Ants and aphids
 - d. Cats and mice
111. "How much money did you bring for shopping? Which of the following answer this question?"
- a. I have some change in my purse
 - b. None, but I have a credit card
 - c. I have P500.00 inside the envelope in my desk
 - d. All the cash I have was spent at the grocery store yesterday
112. Adults acquire new words and experience primarily through__.
- a. Casual explanation from peers
 - b. Formal instruction in school
 - c. Exposure to their use
 - d. Use of thesaurus
113. A readability mismatch happens when the reading levels of books exceed the reading levels of the students. In this situation, the students' experiences frustration and they fall short of the expected or desired output. A student who finds himself/herself in such a mismatch will likely do which of the following?
- a. Present an argument that the selection or story read was not properly written
 - b. Write a comprehensive reaction paper regarding the selection or story read
 - c. Give an intelligent critique of the selection or story read
 - d. Manifest an expected and commensurate emotional reaction to the selection or story read.
114. An electrical industrial company has developed a computer program that can use photographs of faces to predict how an unborn child will look like.
- a. A computer analyzes facial characteristics from a photograph.
 - b. A computer can predict the looks of future children as well as their parents.
 - c. A computer can choose the right mate and predict the ageing.
 - d. A computer can predict the number of children for newlyweds.

115. According the current linguistic theories, which at the following is the best definition of the meaning of a word?

- a. Its general, dictionary definition
- b. Its corresponding idea in the mind
- c. Its objection to which it refers
- d. Its use in a particular situation

116. Teachers have a responsibility for the development of children's competencies is basic concepts and principles of free speech. Therefore, if we want children to develop their own voices in a free society, teachers must support participatory democratic experiences in the daily classroom activities through...

- a. Considerations for cultural and gender differences.
- b. Concepts and principles of free speech
- c. Indoctrination of the principles of society
- d. Developing children's citizenship competence.

117. Kami ang kabataang siyang magiging pag-asa ng bayan

- a. Pagtula
- b. Pagtatanong
- c. Pagtukoy
- d. Pasasalamat

118. Ikaw naman kasi, nagpahuli ka pa:

- a. Pagkontrol ng kilos ng iba
- b. Paglikha
- c. Pagbibigay ng impormasyon
- d. Pagbabahagi ng damdamin

119. Alin sa mga sumusunod maliban sa isa, ay ilan sa mga akdang pampanitikang nagdala ng maling impluwensya sa buong daigdig.

- a. Ang Koran
- b. Ang Divina Commedia
- c. Ang Banal na Kasulatan
- d. Ang Romeo at Julieta

120. Alin sa mga sumusunod ang pinakataamang pangungusap?

- a. Ang pabrikang pinagtatrabahuhan nila malapit sa amin ay bago't malaki.
- b. Ang bago't malaking pabrikang pinagtrabahuhan nila ay malapit sa amin.
- c. Ang pinagtatrabahuhan nilang malapit sa amin ay bago't malaking pabrika.
- d. Ang pabrikang malapit sa amin, bago't malaki ay pinagtatrabahuhan nila.

121. Alin sa mga sumusunod ang pinakataamang pangungusap?

- a. Nagpapabata ang pulbos sa kutis na Clinique
- b. Nagpapabata sa kutis ang pulbos na Clinique
- c. Nagpapabata ng mukha sa kutis ng pulbos na Clinique
- d. Nagpapabata sa kutis ng mukha ang pulbos na Clinique

122. Piliin ang gawi ng pagsasalita: Kasiyahan ko nang makitang kayo'y nagmamahalan.

- a. Pangarap
- b. Pagkontrol ng kilos
- c. Pagkuha ng impormasyon
- d. Pagbabahagi ng damdamin

123. Ang kaugnayan ng pagkakapatay kina Burgos, Gomez at Zamora sa panitikang Pilipino ay__.

- a. Nanatiling masigla ang diwang Pilipino
- b. Nakagising sa damdaming makabayan ng mga Pilipino
- c. Natutong lumabag sa batas at lumaban sa may kapangyarihan ang mga Pilipino.
- d. Naimpluwensyahan ang diwang alipin ng mga Pilipino.

124. Walang tubig kahapon. Ito ay pangungusap na ____.

- a. Walang pandiwa
- b. Walang paksa
- c. May panaguri
- d. May paksa

125. A computer system is actually made up of actual physical machines known as ____.

- a. Monitor
- b. Hardware
- c. Printer
- d. Software

126. Which of the following gives the sum of the polynomials $(a^2 + b^2 + ab)$ and $(3a^2 + 4ab - 2b^2)$?

- a. $4a^2 + b^2 + 5ab$
- b. $5a^2 + 5b^2 + 5ab$
- c. $3a^2 + 5ab - 2b^2$
- d. $4a^2 + 5ab - b^2$

127. Of 50 students enrolled in the subject, Curriculum and Instruction 90% took the final examination at the end of the term. Two-thirds of those who took the final examination passed. How many students passed the exam?

- a. 33
- b. 45
- c. 34
- d. 30

128. A cube is a rectangular solid, the length, width and height of which have the same measure called the edge (e) of the cube. The volume of the cube is found by “cubing” the measure of the edge. What is the volume of the cube whose edge is 4 cm?

- a. 27 cm^3
- b. 64 cm^3
- c. 206 cm^3
- d. 125 cm^3

129. “While attempting to explain the role of imitation in language acquisition, investigators studied the different aspects of language development.” An inference which parents may make from this passage is that they should ____.

- a. Be concerned when a child imitates their language.
- b. Should be unconcerned as imitation is too complex.
- c. Realize that their child's imitations may reflect several aspects of language acquisition.
- d. Realize that their talking may over-stimulate their child's activities.

130. If a function is defined by the set of ordered pairs (1,2), (2,4), (3,8), (4,16), (5,Y), then the value of Y is ____.

- a. 10
- b. 32
- c. 20
- d. 25

131. If $n < m$ and $a < b$, then ____.

- a. $n + a > m + b$
- b. $m = b$
- c. $n = a$
- d. $n + a < m + b$

132. If the score in a Mathematics test of 45 students are arranged from the highest to the lowest, the 3rd score is the ____.

- a. mean
- b. variance
- c. median
- d. mode

133. To find perimeter (P) of a rectangle that has a length of 16 inches and width of 12 inches which of the following equation can be used?

- a. $P = 2(16)(12)$
- b. $P = (16)+(12)$
- c. $P = 2(16)+(12)$
- d. $P = 2(16)+(12)$

134. What is the cube root of $(3^2 \times 3)$?

- a. 9
- b. 3×3
- c. 27
- d. 3

135. A vehicle consumes one liter of gasoline to travel 10 kilometers. After a tune-up, it travels 15% other on one liter. To the nearest tenth, how many liters of gasoline will it take for the vehicle to travel 10 kilometers? Same as number 84

- a. 20.15 liters
- b. 23 liters
- c. 23.15 liters
- d. 20 liters

136. Which of the following is the numerical form for “twenty thousand twenty”?

- a. 2,020
- b. 2,000,020
- c. 20,020
- d. 20, 00020

137. How many twenty thousand are there in one million?

- a. 100
- b. 500
- c. 50
- d. 1000

138. Which of the following statements is TRUE of nuclear fission?

- a. The energy process is identical to that which occurs in the sun.

- b. Energy is obtained by getting nucleus of the atoms to break up or split
- c. Matter from the lighter atoms is changed into energy.
- d. Scientists can combine lighter atoms to form heavier atoms.

139. The skull of a person increase in size rapidly during ____.

- a. puberty
- b. babyhood
- c. adolescence
- d. adulthood

140. Metabolism and combustion are chemically similar. They both result in the oxidation of some compounds. If completely oxidized which of the following foodstuffs would yield the MOST thermal energy?

- a. A cup of ice cream
- b. A cup of sugar
- c. A cup of milk
- d. A cup of flour

141. In countries where medical skill and a public understanding about health and disease are wide spread, which of the following changes are evident?

- I. Accidental deaths have decreased.
- II. The communicable disease death rate has decreased.
- III. Infant mortality has decreased
- IV. More people live a full life.
- V. People live long enough to succumb to degenerative disease.

- a. I, II, III
- b. II, III, IV, V
- c. I, II, III, IV, V
- d. I, II, III, IV

142. Which of the following parts of the circulatory system carries digested fats away from the intestines?

- a. Pancreatic duct
- b. Arterial capillaries
- c. Pulmonary artery
- d. Lacteals

143. When water, evaporates, it changes into which of the following states?

- a. Solid
- b. Matter
- c. Gaseous
- d. Liquid

144. Which of the following statements is NOT TRUE about comets?

- a. Comets are mostly frozen gases and cosmic dust.
- b. Comets glow by their own light.
- c. Comets generally have elongated, elliptical orbits.
- d. Comets may go around the sun in any direction.

145. A British physician and bacteriologist, Sir Ronald Ross was awarded the Nobel Prize in medicine in his researches in the ____.

- a. liquid fuel rocket
- b. prevention of hepatitis
- c. transmission of malaria
- d. control of cholera

146. A thermometer measures ____.

- a. energy
- b. heat
- c. pressure
- d. temperature

147. Which of the following forms of energy travels in wave?

- a. Chemical energy
- b. Sound energy
- c. Mechanical energy
- d. Electrical energy

148. The history of the earth has been divided by scientists into eras. Which of the following shows the arrangement of these eras into the proper sequence from the oldest to the most recent?

- a. Precambrian, Mesozoic, Cenozoic, Paleozoic
- b. Paleozoic, Cenozoic, Precambrian, Mesozoic
- c. Cenozoic, Mesozoic, Paleozoic, Precambrian
- d. Precambrian, Paleozoic, Mesozoic, Cenozoic

149. Which of the following is closest to normal body temperature?

- a. 32 degrees F
- b. 50 degrees C
- c. 212 degrees F
- d. 37 degrees C

150. A change in the composition of a substance resulting in the formation of a new substance is called?

- a. nuclear change
- b. mechanical change
- c. physical change
- d. chemical change