Associate of Arts/Associate of General Studies

Entrance/Exit Exam

1. Which of the following are primary considerations when reading AND writing?
    a. Audience and tone
    b. Audience and purpose*
    c. Diction and tone
    d. Syntax and purpose

2. In a freshman-level writing course, what are the parts of a thesis statement?
    a. Title, author, genre, tone, and theme
    b. The theme and 3 supports
    c. An arguable point/claim and 3 supports*
    d. A list of the 3 items you plan to discuss in your paper

3. "A category of artistic composition, as in music or literature, characterized by similarities in form, style, or subject matter" refers a work's _____.
    a. Style
    b. Genre*
    c. Theme
    d. Class

4. If a listener is allowing his/her mind to drift, over thoughts unrelated to the speech, he/she is _____.
    a. evaluating the speeches effectiveness
    b. silently paraphrasing the information
    c. not attending to the speech *
    d. not enjoying the speech

5. Altering posture, leaning forward, and establishing eye contact are all ways to _____.
    a. get physically ready to listen *
    b. adjust to the listening goals of the situation
    c. take good notes
    d. promote memorization of speech content

6. Nate's mother accused him of not listening to her, but really he was having difficulty _____ her because the television volume was very loud.
    a. paying attention to
    b. attending
    c. hearing *
    d. understanding

7. What was Thomas Jefferson saying in the following text from The Virginia Act For Establishing Religious Freedom?

   [T]hat our civil rights have no dependence on our religious opinions, more than our opinions in physics or geometry; that, therefore, the proscribing any citizen as unworthy the public confidence by laying upon him an incapacity of being called to the offices of trust and emolument, unless he profess or renounce this or that religious opinion, is depriving him injuriously of those privileges and advantages to which in common with his fellow citizens he has a natural right; that it tends also to corrupt the principles of that very religion it is meant to encourage, by bribing, with a monopoly of worldly honors and emoluments, those who will externally profess and conform to it.

   a. If someone cannot do something because of their religious beliefs they are considered unworthy.
   b. A person doesn't have to profess a specific religion to hold a government office.*
   c. Anyone who wants to run for office is unworthy because humans are unable to set aside their opinion and their religious beliefs.
   d. Everyone is entitled to believe and practice any religion they choose.

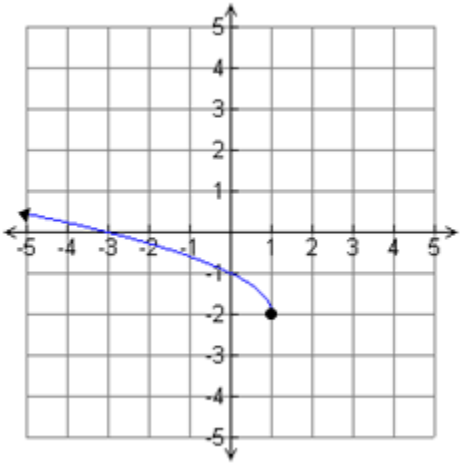
8. Highness or lowness of voice describes the _____.
   a. Pitch *
   b. Volume
   c. Rate
   d. Quality

9. Articulation refers to _____.
   a. Using appropriate speaking rate
   b. The quality of the speaking rate
   c. Shaping the speech sounds into recognizable symbols *
   d. Pronunciation

10. Communication Orientation Motivation (COM) techniques are designed to reduce anxiety by helping the speaker adopt a _____ orientation.
   a. communibiological
   b. personal
   c. performance
   d. communication *

11. Which of the following is the solution to the equation $-(6x + 5) = 7x - 11 - 2x$?
   a. 11/6
   b. -3/8
   c. 3/8
   d. 6/11*

12. What is the domain of the function below?



a. $(-\infty, -1]$
b. $(-\infty, 1]$*
c. $[1, \infty)$
d. $(-\infty, 1)$

13. Ryan opens a new fruit juice shop that specializes in frozen blended juice drinks called smoothies. His equipment and other start-up costs total $1500. Each smoothie costs $3.25 to make and each smoothie sells for $5.50. Which of the following functions represents the cost function to make x smoothies?

a. $C(x) = 3.25x+1500$ *
b. $C(x) = 5.50x+1500$
c. $C(x) = 3.25x - 1500$
d. $C(x) = 2.25x + 1500$

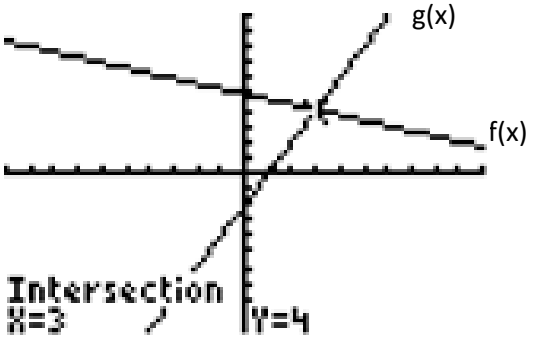
14. A rectangular garden has perimeter 72cm. Given that the length is 3 times the width, find the width of the rectangle.
a. 8cm
b. 6cm
c. 9cm *
d. 27cm

15. Find the **y-intercept** of the line $6x – 3y = 48$.
a. 8
b. 16
c. -16*
d. -8

16. Solve $3^{-2} = 9^{(3x+5)}$

   a. x = 2
   b. x =-2 *
   c. x = -7/3
   d. x = -1

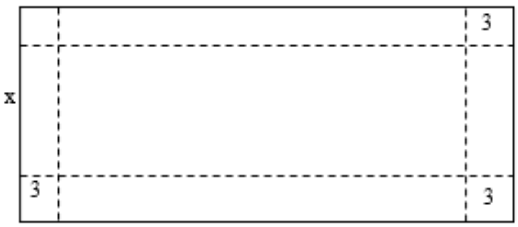
17. Use the calculator graph below to determine the solution set of **g(x) ≥ f(x)**.

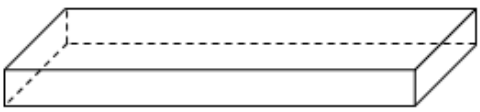


   a. (-∞, 3]
   b. (-∞, 4]
   c. [3, ∞) *
   d. [4, ∞)

18. Using Pythagoras' Theorem (or otherwise), determine the length of the longest side of a right-angle triangle if the other two dimensions are 12m and 5m respectively.
   a. 9m
   b. 10m
   c. 11m
   d. 13m *

19. A piece of sheet metal is 4 times as long as it is wide. It is to be made into a box with an open top by cutting 3-inch squares from each corner and folding up the sides. Let x represent the width of the original piece of sheet metal. Use this information to solve the question that follows.





What is the length of the sheet in terms of x and what restrictions are there on x?

a. Length = 4x, the restriction is that x must be greater than 3
b. Length = 4x, the restriction is that x must be greater than 6 *
c. Length = 4x, there is no restriction on x
d. Length = 3x, there is no restriction on x

20. Which of the following is true?
    a. $\log_3 3 = 1$
    b. $\ln e^x = x$
    c. $\log_b 12 - \log_b 3 = \log_b (4)$
    d. All of the above options are correct*

21. Choose the word that best matches the following definition: "the customs, arts, social institutions, and achievements of a particular nation, people, or other social group."
    a. Heritage
    b. Civilization
    c. Traditions
    d. Culture*

22. The concept that the stage is a mirror of humanity originated with the:
    a. Elizabethans *
    b. Greeks
    c. Romans
    d. Absurdists

23. The branch of philosophy that studies the nature of reality.
    a. Ethics
    b. Metaphysics *
    c. Teleology
    d. Epistemology

24. Wall and ceiling paintings on fresh moist lime plaster with pigments ground in water so that they are absorbed into the plaster.
    a. Secco
    b. Lacquer
    c. Collage
    d. Fresco *

25. The Italian dynamic markings traditionally used to indicate very soft, loud, and very loud are (respectively)
    a. pianissimo, piano, forte
    b. mezzo piano, forte, fortissimo
    c. pianissimo, forte, fortissimo *
    d. piano, mezzo forte, forte

26. To what period or event in history is this cartoon referring?

   a. European Industrial Revolution of the early 1800s
   b. Timber Industry in the US during the early 1900s
   c. Europe in the late 1930s and early 1940s *
   d. The Hundred Years War in the 1300s through 1400s

27. During the Cold War, what was the main concern of the United States?
   a. Access to affordable heating oil
   b. Communism and the Soviet Union *
   c. Ongoing wars with France and Great Britain
   d. Preserving the southern border

28. Which philosophers and social thinkers most influenced the Era of Revolutions, particularly in the Americas and France?
   a. Plato and Aristotle
   b. John Locke, Adam Smith, and Voltaire *
   c. Karl Marx and Friedrich Engels
   d. Henry Thoreau and Michel Foucault

29. For what primary reason did the expansion of the African slave trade coincide with European imperial expansion in the world.
   a. Europeans utilized African slaves to destroy indigenous groups to make their conquests easier.
   b. European demand for cash crops encouraged plantation agricultural systems that exploited slave labor.*
   c. Enslaved Africans voluntarily chose to help Europeans build their global empires.
   d. There was no relationship between the African slave trade and European imperial expansion.

30. The main objective of the sociological imagination is to

    a. give governments greater control over society
    b. give citizens a greater say in public policy making
    c. allow people to understand the links between their immediate personal social settings and the social world around them *
    d. allow for a more scientific approach to the study of human events

31. Which of the following correctly lists the classification categories from least to most inclusive?

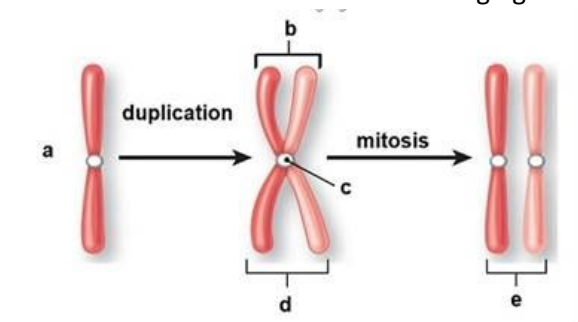
    a. kingdom, phylum, domain, class, order family, genus, species
    b. domain, kingdom, class, order, family, phylum, genus, species
    c. species, genus, family, class, order, domain, phylum, kingdom
    d. species, genus, family, order, class, phylum, kingdom, domain*
    e. phylum, species, genus, kingdom, domain, order, class, family

32. What is the name of the process by which green plants use sunlight and carbon dioxide and water molecules to produce glucose before it is processed into more complex forms?
    a. Respiration
    b. Photosynthesis*
    c. Transcription
    d. Translation
    e. Apoptosis

33. Plant which does not have flowers but contains cones are called_____
    a. Angiosperm
    b. Mosses
    c. Conifers*
    d. Algae
    e. Fungi

34. Which of the following process defined the protein synthesis in living organisms?
    a. Transcription
    b. Cytokinesis
    c. Photosynthesis
    d. Translation*
    e. Transduction

35. The structure labeled "c" in the following figure is called the



a. Centromere*
b. Centriole
c. Sister chromatid
d. Spindle
e. Non-sister chromatid

36. The density of an object that has mass 20.0 g and volume 10.0 cm^3 is:
a. 0.5 g/cm^3
b. 3.0 g/cm^3
c. 2.0 g/cm^3*
d. 10.0 g/cm^3
e. 200 g/cm^3

37. How is positive charge developed in an atom?
a. By the loss of electron*
b. By the gain of electron
c. By the loss of proton
d. By the gain of proton
e. By the loss of neutron

38. Phosphorus has the atomic number 15 on the periodic table. Which of the following configuration is correct for its ion P^{3-}?
a. $1s^2 2s^2 2p^6 3s^2$
b. $1s^2 2s^2 2p^6 3s^2 3p^3$
c. $1s^2 2s^2 2p^6 3s^2 3p^5$
d. $1s^2 2s^2 2p^6 3s^2 3p^{6*}$
e. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$

39. What is the formula of the compound named carbon tetrachloride?
a. C_4Cl
b. CCl_3
c. C_3Cl
d. COCl
e. CCl_4*

40. Two liquids are filled in two exactly same size containers. If the mass of the second liquid is less, how do their densities compare?

    a. density of first > density of second*
    b. density of second > density of first
    c. density of first = density of second
    d. density of the two liquids are independent because they are different liquids

41. The method of citing a work within the body of an essay is referred to as _____.
    a. In-text or parenthetical citation*
    b. Works Cited
    c. Paragraph-level citation
    d. Sentence-level citation

42. The list of sources used within an essay that appears at the end of a document in MLA format is referred to as the:
    a. References
    b. Works Cited*
    c. Citations
    d. Sources

43. When citing a source within the body of an essay, using MLA format, with a known author and a specific page number, which of the following is acceptable?

    a. The author's last name and page number
    b. The page number only (if the author's name was mentioned in the lead)
    c. Both of these are acceptable*
    d. Neither of these is acceptable

44. All of the following should be considered before using a source EXCEPT _____.

    a. The domain (.com, .net, .mil, .org, .edu, etc.)
    b. The date of publication
    c. The credentials of the author/mission of the organization
    d. The accuracy of the information
    e. Placement of the source in a search engine*

45. In history, a primary source can best be described as

    a. A documentary of an event
    b. The source you reference most often in your paper
    c. First-hand account of an event such as a journal or newspaper *
    d. Analysis or interpretation of data

46. Which of the following is NOT a quality reference source to find reliable primary and secondary sources?

    a. An encyclopedia
    b. A bibliography in an academic book
    c. A commercial search engine *
    d. A library database

47. A sample in which everyone in a population has an equal chance of being selected to the sample is known as a ____ sample.

    a. Random *
    b. Stratified
    c. Biased
    d. Representative

48. A research measure that provides consistent results is considered _____.
    Select one:

    a. Valid
    b. Reliable *
    c. An index
    d. A scale

49. When identifying whom to interview for research, it is best to select _____.

    a. A friend
    b. A professional
    c. An expert in the topic *
    d. A librarian

50. What is the citation style most commonly utilized in History and Geography?

    a. APA
    b. MLA
    c. Chicago/Turabian *
    d. AMA