# TABE Review

## Test of Adult Basic Education

Florida Gateway College
149 SE College Way
Lake City, Florida 32025
www.fgc.edu

The Test of Adult Basic Education, TABE, meets the State of Florida requirements for an entrance level exam for admissions to Workforce Development Programs. Different vocational programs have different TABE score requirements as determined by the Florida Department of Education. Scores are given in numerical form. A score of 10.9 is interpreted as 10th grade 9th month. This test can also be a useful tool for those studying or practicing for the GED Test.

The TABE Test is given by appointment at Florida Gateway College in the Test Center, building 015, room 127, 386.754.4333. There is a fee associated with the test for admitted students and the general public. A photo I.D. is also required at the time of testing. Scores are good for two years. Currently, Florida Gateway College is giving only the survey version of the A and D level of the test.

The test is computer based, 4 parts, timed, and a diagnostic is given with the scores immediately upon test completion.

| Subject | Time Allotted | Number of Questions | Skills Evaluated |
|---|---|---|---|
| Reading | 25 minutes | 25 | Interpreting Graphic Information<br>Understanding Words in Context<br>Recalling Information<br>Constructing Meaning<br>Evaluating/Inferring Meaning |
| Mathematics Computation | 15 minutes | 25 | Adding/Subtracting/Multiplying/Dividing with Whole Numbers, Fractions, Decimals, Integers, and Algebraic Terms<br>Finding percentages |
| Applied Mathematics | 25 minutes | 25 | The skills listed above in word problem form<br>Reading and Interpreting Graphs<br>Basic Geometry |
| Language | 25 minutes | 25 | Language Usage<br>Sentence and Paragraph Development<br>Capitalization<br>Punctuation<br>Conventional Writing |

# Reading

Read the following passage and then answer questions 1-6.

       The splintered steps leading to the tenement's entrance were rotted and uneven. They led to an unlocked door which wobbled on its hinges and shrank from its frame. It creaked open to a dank, dark hall which smelled of urine and sweat. The paint was peeling off cracked walls. The faint yellow light hung low in the night.

       Mr. and Mrs. Gomes lived on the second floor with their three young children. Their four-room apartment was immaculate and tidy. The kitchen floor glistened, and the flowered plates and glasses were neatly stacked in the drainer.

       In the living room, the sheer curtains were always drawn back, filtering sunlight throughout the room, passing over a color television and several porcelain icons. Beside the freestanding gas heater was a brand name stereo system recently purchased on an "easy pay" credit plan.

       The soft pine floors were all warped but recently painted. The wide floorboards, once loose in many places, were now nailed down securely. Clear plastic sheets were tacked over the windows to prevent heat loss.

       The children, two girls and a boy, shared a large room with one small window that was separated from the kitchen by a curtain. The gas stove "warmed" them at night. Their toys were piled high in wooden crates. The children did not dare turn on the kitchen light for fear that the six-legged, brown-bodied pests would dart out in front of them.

       The Gomes family had rented this apartment for ten years, ever since they came to this country. They had known no other home, although they had dreamed of many. Some day they hoped to live in a quiet neighborhood with open yards and spotless sidewalks, where people get into cars each weekday morning and commute to work.

1. You can infer that the story take place in the
   a. summer
   b. spring
   c. fall
   d. winter

2. In the third paragraph the word icons means
   a. fine china plates
   b. ornate lamps
   c. religious figures
   d. none of the above

3. You can conclude that the Gomes family are
   a. native Americans
   b. United States citizens
   c. Chinese
   d. immigrants

4. What would be the <u>opposite</u> meaning of the word immaculate in the second paragraph?
   a. filthy
   b. girlish
   c. clean
   d. horrible

5. What can you infer about the children's bedroom?
   a. It is well furnished.
   b. It is crowded.
   c. It has its own bathroom.
   d. It is pest-free.

6. The pests mentioned at the end of the passage are probably
   a. ants
   b. mice
   c. rats
   d. cockroaches

Read the following Internet announcement and answer questions 7 - 8

**"Cinderella" to be Performed at FGC**

Florida Gateway College (FGC) summer musical theatre production, "Cinderella" by Richard Rodgers and Oscar Hammerstein II consists of over 50 actors and musicians including children, middle school and high school age actors, FGC students and adult actors from Columbia, Union, Baker, Suwannee, and Alachua counties. "Cinderella" will be performed in the Levy Performing Arts Center, on June 21, 22, 23, at 7:30 p.m. and on June 23 and 24 at 3 p.m.  Tickets will be available for sale at the door one hour before each show.

For more information or, if you need assistance due to a disability, call Owen Wingate, choral director, at 386.754.4255.

7. How many performances will there be?
   a. 4
   b. 5
   c. 6
   d. 8

8. Which of the following statement can you most likely assume is true?
   a. Most of the actors are professionals.
   b. The majority of the cast are FGC students.
   c. Owen Wingate is the musical director.
   d. Tickets are $5.00 for children under 12, FGC students and senior citizens.

Read the Yellow Page Ad below and answer the questions 9-11

**Recycling Reality**

**YELLOWPAGES.**

We care about the environment and want you to have the resources you need to know where to recycle our phone directories. To find a local recycling center near you: Visit: Earth 911 on the internet at www.earth911.org or www.cleanup.org or call toll free 1-800-CLEANUP.

You may also find additional recycling information in The RealYellow Pages® from BellSouth, under the heading "Recycling."
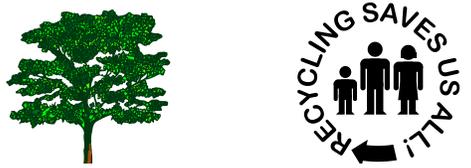
9. The intent of this ad is:
a. inform the reader
b. educate the reader
c. sells ad space in the Yellow Pages
d. all of the above

10. The word "heading" in the second paragraph means:
a. course or direction
b. the uppermost or forewardmost part of a body
c. a title, subtitle, or topic
d. a gallery or drift in a mine

11. Which of these would be the best source of information about recycling?
a. an atlas
b. a thesaurus
c. a telephone book
d. an encyclopedia

Read the following passage from Treasure Island by Robert Louis Stevenson and answer questions 12-13

"I had reason to think even less of Silver than the others did. After all, I had seen his treachery first hand as he repeatedly shifted loyalty from one side to the other to save his own skin. At the same time, I alone had something to thank him for. He had saved my life when I was his prisoner in the stockade. As a result, I was not as harsh with him as the others were."

12. Which of the following is a synonym for the word treachery?
a. betrayal
b. sneaky
c. liar
d. creepy

13. Which of the following is an <u>opinion</u> expressed by the passage?
a. Long John Silver should hang from the highest yardarm.
b. Long John Silver would make a good friend, if he wasn't a pirate.
c. Long John Silver had some redeeming qualities, but you couldn't trust him.
d. Long John Silver would be a good fellow to have on your side in a tight spot.

Read the following article and answer questions 14-19

**"APE-ril" A Celebration of Apes**

**At the Jacksonville Zoo and Gardens**

*JACKSONVILLE, FL – April 20, 2007 –* On Saturday, April 21, 2007, spend the day celebrating apes at the Jacksonville Zoo and Gardens during "APE-ril", a day dedicated to conservation of wild apes—especially bonobos and gorillas. Internationally-known Jo Thompson, Lukuru Wildlife Research Project, and Charlene Jendry, Partners in Conservation (Columbus Zoo), will be on-site giving presentations on their projects in Africa. There will be free Zookeeper talks in the Great Apes area throughout the day, as well as behind-the-scenes tours of the Great Ape Night House for $5.00 a person. Ape art and ape-related materials and artifacts will be available for viewing or sale, with proceeds going to conservation for bonobos and gorillas in countries of origin.

Other activities scheduled for the day are ape-related children's activities and face painting, as well as informational booths by Conservation Organizations, such as Gorilla Haven and Center for Great Apes. Clearwire, as a sponsor for "APE-ril" will also have a booth. There is no additional cost for admission to Zoo guests for this event.

For over 90 years, the Jacksonville Zoo and Gardens has been dedicated to inspiring the discovery and appreciation of wildlife through innovative experience in a caring environment. Starting in 1914 with an animal collection that consisted of one red deer fawn, the Jacksonville Zoo and Gardens has grown to house more than 1,400 rare and exotic animals and over 1,000 unique plant species. The Jacksonville Zoo is a non-profit organization and is an accredited member of the Association of Zoos and Aquariums (AZA). It is open year-round, seven days a week, 9 a.m. – 5 p.m. and is located on Jacksonville's north side at 370 Zoo Parkway, one-half mile east from I-95. The Zoo is open until 6:00 p.m. on weekends and holidays from March to Labor Day. For more information on the Zoo, log on to [www.jacksonvillezoo.org](www.jacksonvillezoo.org).

14. The word "proceeds" in the first paragraph means. . .
a. to go forward
b. to undertake and carry on some action
c. to move in an orderly manner
d. the amount of money derived from a commercial or fund-raising venture.

15. From the article, the cost for general admission, for an adult, to the zoo is . . .
    a.   $5.00
    b.   $7.50
    c.   Free
    d.   Not enough information given

16. Which of the following events during "Ape-ril" are not free?
    a.   face painting for children
    b.   tour of the Great Ape Night House
    c.   presentations by internationally known Jo Thompson and Charlene Jendry
    d.   admission to the Clearwire booth

17. How many animals were in the Zoo's collection when it began in 1914?
    a. 1
    b. 10
    c. 90
    d. 1,400

18. Which of the following statements is a fact?
    a.   The Jacksonville Zoo is a great place for children's birthday parties.
    b.   The Great Apes are the best attraction at the Jacksonville Zoo.
    c.   The Jacksonville Zoo is a member of the Association of Zoos and Aquariums.
    d.   Charlene Jendry is a wonderful speaker.

19. Which of the following statements bests describes the overall purpose of the information in this article?
    a.   to alert people to the plight of endangered bonobos and gorillas
    b.   make money for the conservation of Great Apes
    c.   encourage people to visit the Zoo for this special day
    d.   educate the public on how the Zoo has grown in 90 years

Read the following excerpts from the essay below by Judy Brady published in the first Ms. Magazine in 1972 and answer questions 20-23

## I Want a Wife

I belong to that classification of people known as wives. I am A Wife. And, not altogether incidentally, I am a mother.

Not too long ago a male friend of mine appeared on the scene fresh from a recent divorce. He had one child, who is, of course, with his ex-wife. He is looking for another wife. As I thought about him while I was ironing one evening, it suddenly occurred to me that I, too, would like to have a wife. Why do I want a wife?

I would like to go back to school so that I can become economically independent, support myself, and if need be, support those dependent upon me. I want a wife who will work to send me to school. And while I am going to school I want a wife to take care of my children. I want a wife to keep track of the children's doctor and dentist appointments. And to keep track of mine, too. I want a wife that makes sure the children have an adequate social life with their peers, takes them to the park, the zoo, etc. I want a wife who will care for them when they are sick, a wife who arranges to be around when the children need special care, because, of course, I cannot miss classes at school.

I want a wife who will keep my house clean. A wife who will pick up after my children, a wife who will pick up after me. I want a wife who will keep my clothes clean, ironed, mended, replaced when need be, and who will see to it that my personal things are kept in their proper place so that I can find what I need the minute I need it. I want a wife who cooks the meals, a wife who is a *good* cook. I want a wife who will care for me when I am sick and will sympathize with my pain and loss of time from school.

20. Which of the following can you assume from the essay above?
a. The writer is happy and proud to be a wife.
b. The writer is a feminist.
c. The writer hates men or specifically husbands.
d. The writer has a lot of free time.

21. The tone of this essay can best be described by which of the following?
 a. sarcastic
 b. ironic
 c. pessimistic
 d. rebellious

22. As the word sympathize is used in the last paragraph, which word below is <u>opposite</u> in meaning.
    a. commiserate
    b. understand
    c. empathize
    d. apathetic

23. Which of the following sentences does not fit with the overall theme of the essay?
a. I want a wife who will not bother me with rambling complaints about a wife's duties.
b. I want a wife who will take care of the details of my personal life.
c. I want a wife who will be smart, interesting to talk to and independent.
d. When I am through with school and have a job, I want my wife to quit working and remain at home so that my wife can more fully can completely take care of a wife's duties.

Read the following poem by Walt Whitman (1819-1892) and answer questions 24-25

A Noiseless Patient Spider

A noiseless patient spider,
I mark'd where on a little promontory it stood isolated,
Mark'd how to explore the vacant vast surrounding,
It launch'd forth filament, filament, filament, out of itself,
Ever unreeling them, ever tirelessly speeding them.
And O my soul where you stand,
Surrounded, detached, in measureless oceans of space,
Ceaselessly musing, venturing, throwing seeking the spheres to
    connect them,
Till the bridge you will need be form'd, till the ductile anchor hold,
Till the gossamer thread you fling catch somewhere, O my soul.

24. What is the spider doing?
    a. searching for food
    b. exploring it's surroundings
    c. spinning a web
    d. dying

25. The word promontory most closely has which of the following meanings.
    a. a high spot or vantage point
    b. along a walkway
    c. a very noticeable spot
    d. a known or common location

Read the web page information below and answer questions 26-29

## Florida
### Bat World Rescue Centers

| | | |
|---|---|---|
| Bradenton | Carla Hebert | 941.773.4320 |
| Daytona Beach area | Michelle Anthony | 386.235.3751 cell 386.767.6675 work |
| Gainesville | Lisa Pennisi | 352.373.0838 |
| Gainesville/North Florida | **Florida Wildlife Care Center** Leslie Straub | 24 Hour Helpline: 352.371.4400 Center: 352.371. 4443 |
| Hobe Sound | **Treasure Coast Wildlife Hospital** | 772.546.8281 |
| Jacksonville | Melissa Meyer | Cell: 904.635.1416 |
| Key Largo | **Ark Angles Wildlife Rescue** Karen Dettman | 305.852.2124 305.294.1441 |
| Key West | Kelly Grinter | 305.743.8382 305.393.3495 |
| Melbourne | Hyta Mederer **Florida Wildlife Hospital** | 321.254.8843 |
| Osteen | **Fly by Night Inc.** Laura Finn | 407.324.0647 |
| Port Charolette and surrounding areas | **Bat World Everglades** Denise Tomlinson | 863.494.3974 |
| Tallahassee | Anne Gatz | 850.385.2175 850.545.6842 |
| Tallahassee | **St. Francis Wildlife** | 850.933.6001 |

**PLEASE REMEMBER:** Bat and wildlife rehabilitators are extremely busy, sometimes caring for orphaned and injured wildlife up to 20 hours per day. If you find a bat please **DO NOT** rely on email to get help since time may be critical to saving the bat. Please call a bat or wildlife rehabilitator nearest to your location as soon as possible. Most wildlife rehabilitators volunteer their time and money to save the animals, and they rely on the help of the public. Please also consider transporting the bat to them, meeting them half way, or making a donation.

http://www.batworld.org/local_rescue/maplists/map.fl.list.html

26. According Batworld.org, how many wildlife hospitals serve as rescue center for bats in the State of Florida?
   a. none
   b. two
   c. four
   d. thirteen

27. Anne Gatz can be contacted by telephone using which area code?
   a. 305
   b. 407
   c. 352
   d. 850

28. According to the information above, which is the best way to contact a bat or wildlife rehabilitator?
   a. by telephone
   b. by email
   c. by referral from another wildlife rehabilitator
   d. in person

29. Which of the following is an opinion?
   a. Bat and wildlife rehabilitator are extremely busy
   b. The Florida Wildlife Care Center has a 24 Hour Helpline
   c. Wildlife rehabilitators are usually women
   d. There are four telephone numbers that you can use to reach bat rehabilitators in the Florida Keys.

Read the following passage from the novel *Fools Crow* by James Welch and choose the best answer to questions 30-32

On the morning of the thirteenth sleep of the sickness in the Lone Eater camp, Fools Crow and his father, Rides-at-the-door, walked through the village. They went from lodge to lodge and called to the people within. There were still many sick and dying, but the number of new victims had gone down. The rage of the white-scabs was subsiding. It seemed impossible that it would last such a short time and leave so many dead or scarred for life by the draining sores. Others were out walking listlessly in the warm sun or just sitting outside their lodges. There was none of the bustle that usually occurred on a morning of winter camp. The people did not greet each other. If they met on the path to the river, they would move off the path and circle warily until they were well beyond. If a child was caught playing with the children from a family hard hit by the bad

spirit, he would be called inside and scolded. But it was one old woman, the only survivor of her lodge, who sat and wailed and dug at the frozen ground until her fingers were raw and bloody – it was this old woman who made the people realize the extent of their loss. Gradually they emerged from the deep void of sickness and death and saw that they had become a different people.

30. What has happened to the people in the village?
    a. They are dying of starvation.
    b. They are victims of a natural disaster.
    c. They have contracted a contagious disease.
    d. They are at war with another village.

31. A villager walking far around another villager to avoid coming into contact with the bad spirit is most similar to which of the following situations?
    a. a person catching a horrible disease
    b. a person taking a new route to avoid someone they dislike
    c. a person wearing a face mask in the hospital to avoid germs
    d. a person sneezing on another person and giving them a cold

32. What do the people believe is causing their problems?
    a. the white man's invasion of their territory
    b. the presence of a bad spirit
    c. pollution from the river
    d. punishment from the great spirit

Read the passages below and answer questions 33-37

Humans can change the course of a river by digging channels and building dams, and the changes can affect the way people live. Before the Aswan High Dam was completed in 1970-, the Nile River in Egypt flooded every autumn. As the floodwaters receded, a layer of silt – small particles of soil that were suspended in the water – was left behind on the ground. These silt deposits enriched the land, increasing the harvests and profits of farmers.

Since the dam ended flooding, farmers along the Nile have had to replenish their land with expensive chemicals fertilizers. Some of these chemicals get into the river, killing fish on which other Egyptians depend for their living. However, damming the Nile has also brought electricity into homes and businesses of millions of Egyptians.

33. How did the flooding of the Nile River affect Egyptian farmers?
    a.    The floods made farming more difficult.
    b.    The flooding allowed farmers to produce more crops.
    c.    The floods washed away the land's rich top layer of soil.
    d.    Frequent flooding required them to use expensive fertilizers on their farmland.

34. Which detail supports the conclusion that changes in a river can affect how people live?
    a.    A river can change its course.
    b.    Humans can change the course of a river by digging channels and building dams.
    c.    Silt deposits enriched the land, increasing the harvests and profits of farmers.
    d.    Farmers along the Nile have had to enrich their soil with expensive chemical fertilizers.

35. Which conclusion is supported by the passage?
    a.    Rivers are economically important.
    b.    The Nile flooding made travel and trade more difficult.
    c.    Egyptian farmers use more fertilizer than U.S. farmers do.
    d.    The fishing industry in Egypt is growing.

Large parts of Earth are very different now from the way they used to be. Many of the changes, like climate changes, have natural causes. Others are caused by people. For example, much of the eastern United States was farmland in the 1800's. Today, much of it is urban or forested.

36. What is the main idea of this paragraph?
    a.    The United States was mainly farmland in the 1800's.
    b.    Cities now stand where farms used to be.
    c.    Changes in the Earth are caused by nature and by people.
    d.    Much of the eastern United States is forested or urban today.

Read the excerpt from the play, *The Amen Corner*, by James Baldwin, and choose the best answer for questions 37-40

**Luke**: You play piano like I dreamed you would.

**David**: I been finding out lately you was pretty good. Mama never let us keep a phonograph. I just didn't never hear any of your records – until here lately. You was right up there with the best, Jellyroll Morton and Louis Armstrong and cats like that . . . . You never come to look for us. Why?

**Luke**: I started to. I wanted to. I thought of it lots of times.

**David**: Why didn't you never do it? Did you think was good riddance we was gone.

**Luke**: I was hoping you wouldn't never think that, never.

**David**: I wonder what you expected me to think. I remembered you, but couldn't never talk about you. I use to hear about you sometime, but I couldn't never say, That's my daddy. I was too ashamed. I remembered how you used to play for me sometimes. That was why I started playing the piano. I used to go to sleep dreaming about the way we'd play together one day, me with my piano and you with your trombone.

**Luke**: David. David.

**David**: You never come. You never come when you could do us some good. You come now, now when you can't do nobody any good. Every time I think about it, think about you, I want to break down and cry like a baby. You make me – ah! You make me feel so bad.

**Luke**: Son – don't try to get away from the things that hurt you. The things that hurt you – sometimes that's all you got. You got to learn to live with those things – and – use them.

37.   What does David seem to want most?
 a. to learn why his father became a musician
 b. to forget about his farther for good
 c. to find out what his father thinks of him
 d. to understand his father's absence

38.   What does David most likely mean when he says, "You was right up there with the best"?
a. Luke was on of David's heroes
b. Luke lived in a good neighborhood
c. Luke was a great musician
d. Mama admired Luke a great deal.

39. What is the most likely reason that David began playing the piano?
a. He had a natural talent for it.
b. He wanted to connect to his father.
c. He wanted to be a famous musician.
He needed to occupy his free time.

40. Which of the following attitudes best describes David's feelings toward his father?
a. admiring and respectful
b. hurt and angry
c. indifferent and numb
d. ashamed and embarrassed

# Mathematics Computation

1. 523 X 4 =

a. 2092
b. 2192
c. 2082
d. 3082
e. None of these

2.   61.53
  +61.53

a. 122.06
b. 122.16
c. 123.06
d. 124.06
e. None of these

3.   9,215
  X    5

a. 46,065
b. 46,075
c. 45,075
d. 47,065
e. None of these

4. 3 − 0 =

a. 0
b. 3
c. -3
d. 2
e. None of these

5. $8\frac{4}{7} - 6\frac{1}{7} =$

a. $3\frac{3}{7}$    b. $2\frac{5}{7}$

c. $3\frac{5}{7}$    d. $2\frac{3}{7}$

e. None of these

6. $3\overline{)144}$

a. 48
b. 46
c. 38
d. 56
e. None of these

7. 8 x -4 =

a. 32
b. 28
c. -32
d. -28
e. None of these

8. 30.159 + 0.52 =

a. 3.0679
b. 30.211
c. 30.679
d. 35.359
e. None of these

9. $\sqrt{49}$
a. 6
b. 7
c. 8
d. 9
e. None of these

10. $12 \div 5 =$

a. 1 R 7
b. 1 R 2
c. 2 R 4
d. 2 R 2
e. None of these

11. 308 X 7 =

a. 2156
b. 2148
c. 2108
d. 2115
e. None of these

12. $\dfrac{7}{10} + \dfrac{4}{10} =$

a. $\dfrac{11}{20}$   b. $\dfrac{3}{10}$

c. $1\dfrac{1}{10}$   d. $1\dfrac{11}{10}$

e. None of these

13. -23 + 5 =

a. -28
b. 28
c. -17
d. 18
e. None of these

14. -3 x -5 =

a. -15
b. 15
c. -8
d. 8
e. None of these

15. $6^3 =$

a. 9
b. 18
c. 86
d. 216
e. None of these

16. $3\dfrac{4}{5}$

$-\dfrac{4}{5}$
_____

a. 3   b. 2

c. 0   d. $2\dfrac{4}{5}$

e. None of these

17. $5\overline{)1.535}$

a. 307
b. 30.7
c. 3.07
d. 0.307
e. None of these

18. $4.82
   X  8

d. $385.60
e. $38.56
f. $32.56
g. $325.60
h. None of these

19. $3^2 + 3^2 =$

a. 12
b. 18
c. 81
d. 1296
e. None of these

16

20. 689.23 − 50.4 =

a.  538.83
b.  681.49
c.  638.83
d.  639.23
e.  None of these

21. 0.4 X 1000 =

a.  0.04
b.  0.4
c.  4.0
d.  40
e.  None of these

22. $\dfrac{5}{7}$ X $\dfrac{1}{2}$ =

a.  $\dfrac{6}{9}$    b.    $\dfrac{6}{14}$

c.  $\dfrac{5}{14}$    d.    $\dfrac{7}{10}$

e.  None of these

23. 50% of ☐ = 40

a.  100
b.  80
c.  60
d.  20
e.  None of these

24. $(6 + 4)^2 \div 4 =$
a.  5
b.  25
c.  4
d.  32
e.  None of these

25.      3.0870
    −  3.0594

a.  0.0276
b.  0.0326
c.  0.0266
d.  0.2760
e.  None of these

26. $(9\text{-}5)^2 − 14 \div 2 =$

a.  0
b.  1
c.  9
d.  12
e.  None of these

27. $\dfrac{3}{5} \div \dfrac{1}{5} =$

a.  3      b.      5

c.  $\dfrac{3}{25}$    d.    $\dfrac{25}{3}$

e.  None of these

28. 12% of 50 =

a.  5
b.  6
c.  12
d.  15
e.  None of these

29. $0.7\overline{)4.97}$

a.  0.071
b.  0.71
c   7.1
d.  71
e.  None of these

30. Solve for X.
    $-2x = 6$

    a. 4
    b. 8
    c. -3
    d. -12
    e. None of these

31. $6\overline{)5236}$

    a. 872 R 4
    b. 866 R 0
    c. 906 R 0
    d. 869 R 3
    e. None of these

32. $-23 \times 0 =$

    a. -23
    b. 23
    c. -230
    d. 230
    e. None of these

33. 1% of 100 =

    a. 0.01
    b. 0.1
    c. 1
    d. 10
    e. None of these

34. Solve for y.
    $3 + 4y = 27$

    a. 3
    b. 6
    c. 9
    d. 12
    e. None of these

35. $5\dfrac{3}{8}$
    $+2\dfrac{3}{12}$
    _____

    a. $7\dfrac{5}{8}$  b. $7\dfrac{6}{20}$

    c. $7\dfrac{6}{12}$  d. $7\dfrac{6}{24}$

    e  None of these

36. $\square$ is 45% of 350.

    a. 170.5
    b. 138.75
    c. 157.5
    d. 148.75
    e. None of these

37. $8 + 4 \div 2 - 6 =$

    a. 0
    b. 4
    c. 6
    d. 10
    e. None of these

38. $4\dfrac{1}{2} \div 3\dfrac{3}{4} =$

    a. $2\dfrac{5}{5}$  b. $1\dfrac{1}{5}$

    c. $1\dfrac{1}{3}$  d. $1\dfrac{6}{5}$

    e. None of these

39. What percentage of 100 is 16?

    a. 32%  b. 27%
    c. 9%   d. 12%
    e. None of these

40. -8 − 3 =

a. -5
b. 5
c. 11
d. -11
e. None of these

41. $5 + (4 - 6)^2 \div 2 - 3 =$

a. -1
b. 4

c. 5
d. 9
e. None of these

42. $3(2x^3 + x) - 5x =$

a. $6x^3 - 2x$
b. $1x^3$
c. $5x^3 - 4x$
d. $6x^4 - 5x$
e. None of these

# Applied Mathemathics

This is a list of ingredients needed to make 12 cup cakes. Study the list, then do questions 1-4.

```
┌─────────────────────────┐
│  Ingredients            │
│     2 ½ cup of flour    │
│      2 cup sugar        │
│      ¾ cup cocoa        │
│      1 tsp. Vanilla     │
│   ¼ tsp. Baking powder  │
│       ½ tsp. Salt       │
│    ½ cup melted butter  │
│       1 cup milk        │
│        2 eggs           │
└─────────────────────────┘
```

1. How much salt and baking powder together is needed to make 36 cup cakes?
   a. ¾ teaspoons
   b. 1 ½ teaspoons
   c. 2 teaspoons
   d. 2 ¼ teaspoons

2. How many cups of flour are needed to make 6 cup cakes?
   a. 1 cup
   b. 1 ¼ cup
   c. 1 ½ cup
   d. 2 cups

3. How much butter and milk together is needed to make a double batch of cup cakes?
   a. 1 ½ cups
   b. 2 cups
   c. 2 ½ cups
   d. 3 cups

4. How much sugar is needed to make 3 cup cakes?
   a. ½ cup
   b. 2/3 cup
   c. ¾ cup
   d. 1 cup

Use the table below, which shows the results of six games in a high school basketball tournament, to answer questions 5-7.

| Team | Wild Cats | Pirates | Wolves | Jets |
|---|---|---|---|---|
| Game 1 | 58 | 62 | | |
| Game 2 | | | 69 | 47 |
| Game 3 | 71 | | | 68 |
| Game 4 | | 45 | 40 | |
| Game 5 | 67 | | 78 | |
| Game 6 | | 68 | | 78 |

5. In which game were the Pirates defeated by 10 points?
   a. Game 1
   b. Game 4
   c. Game 6
   d. The pirates were not defeated.

6. Which team had the highest average score?
   a. Wild Cats
   b. Pirates
   c. Wolves
   d. Jets

7. In which game were the fewest points scored?
   a. Game 1
   b. Game 2
   c. Game 3
   d. Game 4

8. Where do parallel lines cross?
   a. At a point
   b. With a segment
   c. As a ray
   d. They never cross

9. Which point on the numberline below is -2<?<4?



   J   K       L       M
   -5          0       5
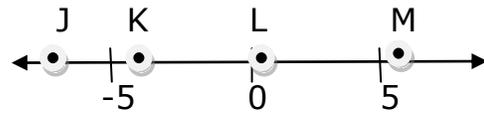
   a. point J
   b. point K
   c. point L
   d. point M

10. The cost to a major department store $3.58 to mail each of their yearly catalog and $1.25 to mail each of their spring only catalogs. What is the best estimate on the cost to mail 1000 yearly catalogs to preferred customers and 5000 spring catalogs?
   a. $10,000
   b. $9,000
   c. $7,500
   d. $5,000

11. What is 8.537 rounded to the nearest tenth?
   a. 8.54
   b. 8.5
   c. 8.6
   d. 9.0

12. The moon is $2.389 \times 10^5$ miles from the earth. Which of the following is another way to write this distance?
   a. 2,389,000 miles
   b. 238,900 miles
   c. 23,890 miles
   d. 2,389 miles

13. The Collegewide Learning Lab is open Monday through Thursday from 8:00 am until 8:00 pm the entire school year. They are also open during the fall and spring semesters on Friday from 8:00 am to 3:00 pm and Saturday from 10:00 am until 4:00 pm. How many more hours are they open fall and spring semesters?
   a. 6 hours
   b. 9 hours
   c. 13 hours
   d. 15 hours

14. Bob wants to install a solar panel on his roof to heat water for his family. The power company advertises a 35% savings to electric bills with the installation of a solar panel. If Bob's average electric bill is $132.50 how much could he save if he had a solar panel?
   a. $35.00
   b. $46.38
   c. $62.14
   d. $100.35

15. Bob installed the solar panel. It cost him $1,512 to purchase the panel and $263 to have it installed. If he saves an average of $50 a month, approximately how long before the panel has paid for itself?
   a. 6 months
   b. A year and a half
   c. Two years
   d. Three years

16. Which of the following numbers should go in the space to make the equation true?

   (4 x 2) x (6 - 3) = 4 x ____ x 2

   a. 1
   b. 2
   c. 3
   d. 4

17. Which of the following pairs are equivalent to the fraction 1/5?
   a. .2, 20%
   b. .5, 20%
   c. 1.5, 30%
   d. .15, 15%

18. Mildred bought an old necklace and pair of earrings while at an antique show. If the cost of the jewelry is J and tax is 7%, which of the following equations could be used to find the total cost of the jewelry?
   a. .07 + J
   b. J +.07 x J
   c. (.07xJ) + J
   d. 7J + J

19. Which of the following statements is true about angle K?
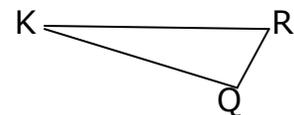


   a. Angle K is obtuse
   b. angle K is acute
   c. angle K is greater than 90°
   d. angle K is a right angle
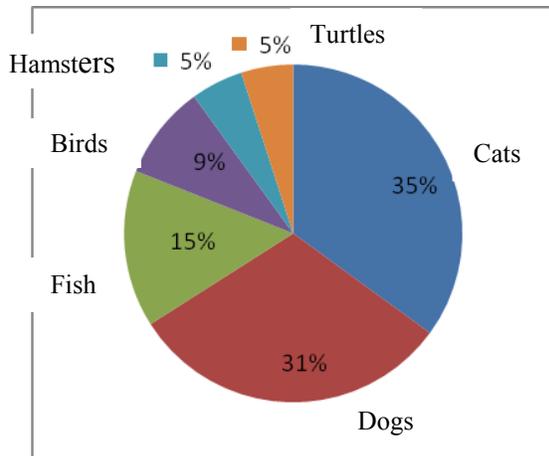
The Chart above shows the percentage of pets owned in a large apartment complex.
Use the chart to answer questions 20 – 24.

20. According to the chart what type of pet is the most commonly owed?
   a. Fish
   b. Birds
   c. Dogs
   d. Cats

21. What is the percentage of pets owned have four legs?
   a. 66%
   b. 71%
   c. 76%
   d. 85%

22. If there are 225 pets in the complex, approximately how many cats are there?
   a. 80
   b. 75
   c. 65
   d. 35

23. Approximatley how many people own hampsters and turtles combined?
   a. 10
   b. 12
   c. 19
   d. 23

24. Which two groups of pets make up 50% of the pets owned in this complex?
   a. Dogs and Birds
   b. Cats and Fish
   c. Turtles, Hamsters and Cats
   d. Cats and Dogs
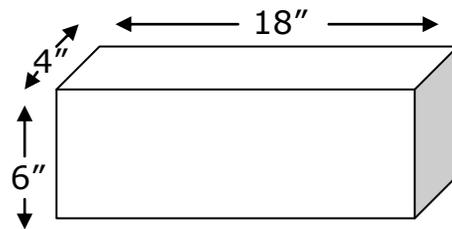


25. What is the volume of the box shown above?
   a. 180 cubic inches
   b. 432 cubic inches
   c. 180 square inches
   d. 432 square inches

26. What is the surface area of the box above?
   a. 408 square inches
   b. 864 square inches
   c. 408 cubic inches
   d. 864 cubic inches

27. How many faces or sides does the box above have?
   a. 3        c. 6
   b. 4        d. 8

28. There are 4 blocks in the top or first tier of a pyramid, 8 blocks in the second tier, 16 in the third tier, 32 in the fourth tier, how many in the 12 tier?
   a. 512 blocks
   b. 2048 blocks
   c. 4096 blocks
   d. 8192 blocks

29. Which symbol continues the pattern below?

   Ω β μ Ω ¥ Ω β μ ____

   a. B       c. Ω
   b. ¥       d. μ

The table below shows the number of students in 4$^{th}$ grade at a mid-western elementary school.

| Class | Number of Students |
|-------|--------------------|
| 1     | 27                 |
| 2     | 31                 |
| 3     | 28                 |
| 4     | 33                 |
| 5     | 26                 |

30. What is the average number of 4$^{th}$ graders per class from the table above?
   a. 29
   b. 20
   c. 31
   d. 32

31. What is the median number of students for the five class rooms?
   a. 27       c. 29
   b. 28       d. 31

Use the coordinate grid below to answer questions 32-34.
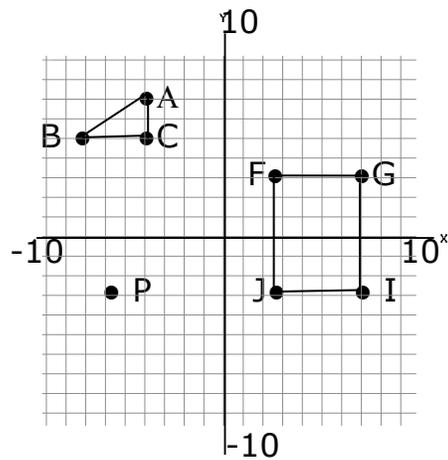


32. What are the coordinates of point P?
   a. (-6,3)
   b. (6,-3)
   c. (-3,-6)
   d. (-6,-3)

33. What is the approximate measure of the perimeter of the triangle ABC?
   a. 6 units
   b. 8 units
   c. 10 units
   d. 12 units

34. What is the approximate area of the rectangle FGJI?
   a. 20 square units
   b. 24 square units
   c. 44 square units
   d. 288 square units

35. The three sides of a triangle are all equal. What type of triangle is it?
   a. Equilateral
   b. Isosceles
   c. Right
   d. Scalene

Study the diagram below and then answer questions 36 and 37.



6 ft

20 ft.
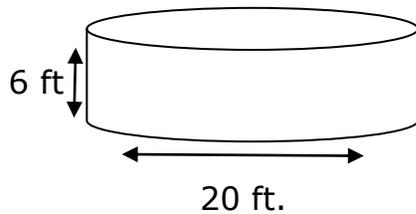
36.    The Smith family has bought an above ground pool. The manufacture recommends that it be filled to within 1 foot of the rim. What is the volume of the water at this height.

37.    $(V=\Pi r^2 h)$ (use 3.14 for $\Pi$)
   a. 7536 cubic feet
   b. 6280 cubic feet
   c. 1570 cubic feet
   d. 1884 cubic feet

38.    Mr. Smith estimates that it will take 3 hours to fill the pool one foot using their only hose. If the Smith's neighbors allow them to borrow an additional hose, how long will it take to fill the pool to the five foot level?
   a. 3 hours
   b. 7.5 hours
   c. 12.5 hours
   d. 15 hours

39.    A college wants to survey its students to find out what additional service they would like the college to offer. Which survey method would yield the most unbiased results?

a. Survey all the students in living in the dorms.
b. Survey the students as they randomly come out of the Math/Science building.
c. Distribute the survey at the basketball games.
d. Randomly survey students from all over the campus.

40.    What is the next number in the sequence?
   5, 15, 35, 75, _____

   a. 155
   b. 165
   c. 175
   d. 215

41.    What is the value of q in the inequality?
   q + 4 < 9
   a. q > 3
   b. q > 4
   c. q < 5
   d. q < 6

# Language

For numbers 1-4, decide which punctuation mark, if any, is needed in the sentence.


1.      No I don't think the couch would look better over there.

   a.  !          b.  ,          c.  "          d.  None


2.      We found homes for all the kittens

   a.  ;          b. ,          c.  .          d. None


3.      You don't have to be present to win, however it would be fun.

    a.  ;          b.  :          c. !          d. None

4.      We all yelled, "Surprise, when he came through the door.

   a.  :          b. "          c. ?          d. None

For numbers 5 – 10, choose the answer that is written correctly and shows the correct capitalization and punctuation. Be sure the answer you choose is complete.

5.     a.      We will be going to the Red Lobster for dinner yesterday.
       b.      The remodeling to the restaurant will be complete last
               November.
       c.      The waitress taken our order.
       d.      Ralph used his credit card to pay the bill.

6.     a.      The theme of the childrens party was *The Little Mermaid.*
       b.      *101 dalmations* is another Disney film.
       c.      For Halloween little Tommy dressed as one of the
               characters from *Monsters Inc.*
       d.      *Peter Pan* was my mother's favorite children's movie.

7.     a.      Dr. Michael J Anderson practices medicine at Big City
               Medical Center.
       b.      "How many times do I have to tell you" she asked the
               child.

c. Last month, he lost his keys for the third time.
d. The teacher is reading the french class excerpts of Alexander Dumas' *Three Muskeeters* in french.

8. a. Who are Matthew Mark Luke and John?
   b. Ill give you a hint.
   c. They all have a place in History.
   d. But they're not the original Beatles.

9. a. The college, which is very near our home, has a lovely campus.
   b. Our neighbor, which works at the college, is a horticulturalist.
   c. He has many exotic plants, who he grew from seeds, that came from the college.
   d. His favorite plant, whose my favorite also, is a Staghorn fern that is 6 feet across and weights over 150 pounds.

10. a. Justin, and Joshua please clean up you bedrooms before supper.
    b. After supper you will have time for video games, or television before bedtime.
    c. Joshua, I hope you have finished all of your homework.
    d. We are having meatloaf for dinner, I know that it is one of your favorites.

For Numbers 11 – 15, read the underlined sentences. Then choose the sentence that best combines those sentences into one.

11. Mac was waiting for the basketball game to start.

    Mac ate two hotdogs.

    a. While waiting for the basketball game to start, Mac ate two hotdogs.
    b. Because he ate two hotdogs, Mac waited for the basketball game to start.
    c. Mac waited, while eating two hotdogs, for the basketball game to start.
    d. Mac was eating two hotdogs, so he waited for the basketball game to start.

12. I made coconut cream pie for desert.

26

<u>I made ice cream cones for the children</u>.

    a.    I made coconut cream pie for desert and ice cream cones for the children.
    b.    I made ice cream cones for the children and coconut cream pie for desert.
    c.    For desert, I made coconut cream pie and ice cream cones for the children.
    d.    For the children, I made ice cream cones and coconut cream pie for desert.

13.    <u>Some of the students took the test in the library</u>.

    <u>Many of the students took the test in classroom</u>.

    a.    Some of the students took the test in the library, so many took the test in the classroom.
    b.    Some of the students took the test in the library, for many took the test in the classroom.
    c.    Some of the students took the test in the library, nor many took the test in the classroom.
    d.    Some of the students took the test in the library, yet many took the test in the classroom.

14.    <u>All college offices will be closed during Spring Break</u>.

    <u>The dorms and cafeteria will be open during Spring Break</u>.

    a.    All college offices will be closed during Spring Break; however, the dorms and cafeteria will be open.
    b.    All college offices will be closed during Spring Break but the dorms and cafeteria will be open.
    c.    All college offices will be closed during Spring Break, and the dorms and cafeteria will be open.
    d.    The dorms and cafeteria will be open during Spring Break, yet all the college offices will be closed.

15.    <u>Caryl drives a pick-up truck</u>.

    <u>Caryl's truck has four wheel drive and designer mud flaps</u>.

    a.    With four wheel drive and designer mud flaps, Caryl drives a pick-up truck.

b.    Caryl drives a pick-up truck with four wheel drive and designer mud flaps.
c.    Caryl drives a four wheel drive pick-up truck that also has designer mud flaps.
d.    With four wheel drive and designer mud flaps on her pick-up, Caryl drives.

For numbers 16 – 20, read the paragraph. Then choose the sentence that best fills the blank in the paragraph.

16.    She read the directions on the back of the box. Once she had gathered all the ingredients, she added the proper amounts and stirred the mixture for 3 minutes. _____. Once the oven was preheated she slid the cake pans onto the center rack and baked.
a.    She cooled the cake completely before turning it out of the pans.
b.    She carefully poured even amounts of batter into two cake pans.
c.    She prepared the icing according to her mother's directions.
d.    She beat the eggs before adding them to the mixture.

17.    The baseball team will travel to River City for the playoff series. They will be playing at 4:30 pm on Friday. If they win they will play again at 8:00 am on Saturday. _____. Smith is off the injured list and so is the star pitcher, Watson. The coach thinks that they are ready and capable of winning. He is quoted in the paper as saying he hopes the "batting gods" will smile on them.
a.    They usually play well on road trips.
b.    They will travel by train.
c.    They have practiced hard all week.
d.    The coach and his wife have a new baby.

18.    "Americans have a sense of space, not of place. Go to an American home in exurbia, and almost the first thing you do is drift toward the picture window. _____.
He is pleased that you should admire his vistas. The distant horizon is not merely a line separating earth from sky, it is a symbol of the future. The American is not rooted in his place, however lovely: his eyes are drawn by the expanding space to a point on the horizon, which is his future." Yi-Fu Tuan

a.    How curious that the first compliment you pay your host inside his house is to say how lovely it is outside his house!
b.    You are interested in the fine fabric that covers the sparkling glass and comment on the plants hanging from macramé cords on the porch.
c.    The sunlight streams into the room producing tiny rainbows of color on the wall across the room.
d.    The room is cooler in front of the window, even with double paned glass and extra insulation.

19.    The nineteenth-century British naturalist Charles Darwin is credited with bringing together the essentials of the theory of evolution. Darwin was taught as other scientists of his time that species were fixed entities and did not change over time. His thoughts changed after he sailed aboard the HMS Beagle. _____. One of its stops was off the coast of South America at the remote Galapagos Islands. He spent only 5 weeks on the islands out of the four year journey, but the species he observed gave him insight regarding descent with modification, or the theory of evolution.
a.    Charles Darwin was prone to sea sickness.
b.    He had to share his 10 by 15 foot room with two other officers.
c.    The ship was to undertake the survey of coastal areas around the world.
d.    The only book he took with him on this trip was *Principals of Geology* by Charles Lyell.

20.    In early March, when winter is winding down in New England and Eastern Canada, farmers who own sugar maple trees are kept busy in a game of drilling and watching. _____. What they are watching is the weather, because they need a series of freezing nights followed by warmer days to get what they want. Such nights prompt the maple trees to convert nutrients they have stored into sugar. The sugar flows out on warmer days in the form of sap. This liquid can be "tapped" through spigots inserted into the drilled holes. The clear white sap that drips is the starting material for maple syrup.
a. What they are drilling is a series of two or three inch holes, about three of them per maple tree.
b. Vermont is the chief maple-syrup-producing state in the United States with an output of about 275,000 gallons in 2001.

c. It takes about 50 gallons of sap to make a single gallon of maple syrup.

d. The "maple syrup" that most Americans buy in stores actually has very little maple syrup in it, perhaps only 2 to 3 percent.

For numbers 21 – 25, read the paragraph. Then choose the sentence that does not belong in the paragraph.

21.      It was eight o'clock, and I was staring at the television set wondering what kind of lesson Dr. Huxtable would teach his children next on a rerun of <u>The Cosby Show</u>. I was glued to the set like an average eleven-year-old couch potato while leisurely eating cold Chef Boyardee spaghetti out of the can. As I watched the show, I fell asleep on the floor, wondering when my parents would come home. The carpet needed to be vacuumed, but the Hover had been broken for a month. Around midnight I woke up to a rustling noise: my parents had finally arrived from a long day at work. I could see in their tired faces the grief and hardship of working at a dry-cleaning plant.

    a.    I was glued to the set like an average eleven-year-old couch potato while eating cold Chef Boyardee spaghetti out of the can.

    b.    As I watched the show, I fell asleep on the floor, wondering when my parents would come home.

    c.    The carpet needed to be vacuumed, but the Hover had been broken for a month.

    d.    I could see in their tired faces the grief and hardship of working at a dry-cleaning plant.

22.      My finger no longer retains the muscle memory of a rotary dial phone. I can no longer remember walking over to a television set to change the channel. When I recall slipping into the back seat of my father's Oldsmobile, I wasn't reminded by the on board computer to fasten my seatbelt. I love to laugh watching <u>I Love Lucy</u> with my grandchildren, but am saddened by their desire for colorizing my old friends. I recall my pride in the speed in which I typed my first college term paper on my electric Pittany Bowes Typewriter. I had saved money for that typewriter by skipping lunch for an entire semester. Now, I email all my friends the same Christmas letter without the need for carbon paper, erasers, or even stamps. Technology has changed our lives in many ways during my lifetime. I wonder what the future holds.

a. I wonder what the future holds.
b. I had saved money for that typewriter by skipping lunch for an entire semester.
c. I love to laugh watching <u>I Love Lucy </u>with my grandchildren, but am saddened by their desire to colorized by old friends.
d. My finger no longer retains the muscle memory of a rotary dial phone.

23. In 1954 the first TV dinner arrived. It was a turkey-and-dressing meal packaged in a segmented foil tray in a box printed up to look like a television screen. Frozen industrialized dinners heated in the home kitchen looked like the culinary future. But in 1955 Ray Kroc began the national franchising of McDonald's and signaled a different pattern, the industrialization of the restaurant kitchen, with machinery and methods allowing the use of the untrained labor. The Happy Meal and advertising directed toward children had an equally surprising impact on marketing. More and more meals would be eaten outside the home as standardized chains spread.

a. It was a turkey-and-dressing meal packaged in a segmented foil tray in a box printed up to look like a television screen.
b. Frozen industrialized dinners heated in the home kitchen looked like the culinary future.
c. The Happy Meal and advertising directed toward children had an equally surprising impact on marketing.
d. More and more meals would be eaten outside the home as standardized chains spread.

24. I'm interested in pay phones, especially when I get the feeling that they are about to go away. Like the dinosaurs they may vanish from the landscape. Technology, in the form of sleek little phones in our pockets, has swept on by them and made them begin to seem antique. My lifelong entanglement with pay phones dates me; when I was young they were just there, a given, often as stubborn and uncongenial as the curbstone underfoot. They were instruments of torture sometimes. You had to feed them fistfuls of change in those pre-phone-cards days, and the operator was a real person who stood maddeningly between you and whomever you were trying to call. And when the call went wrong, as communication often does, the pay phone gave you a focus for your rage. Pay phones were always

getting smashed up, the receivers shattered to bits against the booth, the coin slots jammed with chewing gum, the cords yanked out and unraveled to the floor.

    a.    Like the dinosaurs they may vanish from the landscape.
    b.    Technology, in the form of sleek little phones in our pockets, has swept on by them and made them begin to seem antique.
    c.    They were instruments of torture sometimes.
    d.    And when the call went wrong, as communication often does, the pay phone gave you a focus for your rage.

25.    In my native country of Burma, strange happenings and exotic scenery are not unusual, for Burma is a mysterious land that in some areas seems to have been ignored by time. It lies between India and China. Mountains stand jutting their rocky peaks into the clouds as they have for thousands of years. Jungles are so dense with exotic vegetation that human beings or large animals cannot even enter. But one of the most fascinating areas in Burma is the Valley of Windmills, nestled between the tall mountains near the fertile and beautiful city of Taungaleik. In this valley there is beautiful and breathtaking scenery, but there are also old, massive, gloomy structures that can disturb a person deeply.

    a.    In this valley this valley there is beautiful and breathtaking scenery, but there are also old, massive and gloomy structures that can disturb a person deeply.
    b.    But one of the most fascinating areas in Burma is the Valley of Windmills, nestled between the tall mountains near the fertile and beautiful city of Taungaleik.
    c.    Mountains stand jutting their rocky peaks into the clouds as they have for thousands of years.
    d.    It lies between India and China.

For numbers 26-30, choose the sentence that best develops the topic sentence.

26.    Preparing a pasta dinner for surprise guests can be an easy process.

    a.    Spaghetti can be quick and easy to add personal touches to and is a dish that very popular with most people.

b.  There has always been a debate as to whether to put oil in the pasta water or not.

c.  Another quick and easy way to feed unexpected guests is to order in.

d.  One should always call ahead when planning to visit friends and family.

27.  Although the new wetland preserve will protect only some wildlife, it will bring several long-term benefits to the region.

a.  This is just what our state needs another government project sucking up our tax dollars.

b.  Governor Allen ran on a platform of conserving our natural resources and cutting government spending.

c.  The Ivory Billed Woodpecker was though to be extinct, but there have been sighting is a wetland preserve in Lousiana.

d.  The nature trails and waterways for canoeing will bring in tourist and campers and add needed revenue to this area of the state.

28.  In spite of these tough economic times, the student Senate should strongly recommend extended hours for the library and computer labs.

a.  Perhaps student workers on financial aid could keep facilities open and the university would then only have to pay the utilities.

b.  They predict that by the end of the decade we could be paying over $8.00 for a gallon of gas.

c.  They library has a budget of over $200,000 to buy new tables and chairs.

d.  The extended hours in these areas may attract more students back to campus at night and on weekends.

29.  When other parents meet Sandie Burns on the soccer field sidelines, they may be surprised to see her wheelchair, but they soon discover that she is a typical soccer mom.

a.  She and her husband Robert have been married for 12 years and have two sons and a daughter.

b.  Her three children all play soccer and her daughter also takes ballet, so having an internet business allows her the

freedom to be the neighbor chauffer and make all the
games.

    c.    Sandie has been in a wheelchair for three years but due to
a new physical therapy program hopes to soon be able to
leave this set of wheels sitting in the garage.

    d.    Sandie came in third in the Pillsbury Bake Off in 2002.

30.    Campers and hikers need to ensure the safety of the water they
drink from rivers and steams.

    a.    Campers and hikers must be especially cautious during
times of drought when wild animals look for water in more
populated areas.

    b.    Boiling water from rivers and stream for several minutes
destroys many pollutants and can make water safe to
drink.

    c.    Many commercial campers now have water purifying units
as part of their many standard features.

    d.    We must be careful to preserve the state of our rivers and
streams for future generations.

For Numbers 31 – 35, read the letter below and look at the numbered
    underlined parts. Choose the answer that is written correctly for
    each underlined section.

<div align="right">

1028 Geissinger Street
Bethlehem, PA 18018
(31) <u>September 7 2005</u>
</div>

Kim Goldstein
*Rolling Stone*
<u>1290 avenue of the Americas </u>(32)
New York, NY 10104

<u>Dear Ms. Goldstein</u> (33)

I am writing to apply for the editorial internship with *Rolling Stone*
magazine that you posted on the Moravion College's employment Web site.
I believe that both my academic experience and my experience in
publishing qualify me for the position you advertised.

I am currently a senior at Moravian College, where I am <u>majoring in
english and music</u>. (34) Throughout my college career, I have maintained

a 3.4 average. After I graduate in May, I would like to find a full-time job in publishing. An internship at *Rolling Stone* would <u>enable me to read edit and possibly write</u>(35)articles about popular music – a subject I have studied extensively.

31.  a.  September, 7 2005
     b.  September 7, 2005
     c.  September 7, 2005.
     d.  Correct as is.

32.  a.  1290 Avenue Of The Americas
     b.  1290 Avenue of the Americas
     c.  1290 avenue of the Americas
     d.  Correct as is.

33.  a.  Dear Ms Goldstein:
     b.  Dear Ms Goldstein,
     c.  Dear Ms. Goldstein:
     d.  Correct as is.

34.  a.  majoring in English and music
     b.  majoring in English and Music
     c.  majoring in English, and Music
     d.  Correct as is.

35.  a.  enable me to read, edit and possibly write
     b.  enable me to read, edit, and possibly, write
     c.  enable me to read, edit, and possibly write
     d.  Correct as is.


For Numbers 36 – 40, read the passage and look at the numbered, underlined parts. Choose the answer the is written correctly for each underlined part.

   This park was our fantasy land where everything we wished for came true and everything <u>we hate is banish</u> (36) forever. We banished vegetables, cheese, bigger people, and of course – girls. The land was enchanted, and we could be whatever we felt like. We were super ninjas one day and millionaires <u>the next; we became</u>  (37) the heroes we idolized and lived the lives we dreamed about. I had the strength of Bruce Lee and Superman; James possessed the power of <u>Clint Eastwood and the bionic man</u> (38). My weapons were the skills of Bruce and a cape. <u>James, however, needed</u> (39) a real weapon for

Clint, and the weapon he made was awesome. The Death Ray could destroy a building with one blast, and it even had a shield so that James was always protected. Even with all his mighty weapons and gadgets, though, he was still no match for Superman and Bruce Lee. Everyday, we fought (40) until death or until our parents called home us for dinner.

36. a. we hated is banished
    b. we hate was banished
    c. we hated was banished
    d. Correct as is.

37. a. the next we became
    b. the next, we became
    c. the next. We became
    d. Correct as is.

38. a. Clint Eastwood and the Bionic man
    b. Clint eastwood and the Bionic man
    c. Clint Eastwood and the Bionic Man
    d. Correct as is.

39. a. James however needed
    b. James, however; needed
    c. James; however, needed
    d. Correct as is.

40. a. Everyday we fought
    b. Every day we fought
    c. Every day, we fought
    d. Correct as is.

# Vocabulary

For Numbers 1 – 5, choose the word that means the same, or about the same, as the underlined word.

1.  feeble excuse

    a.  funny
    b.  weak
    c.  false
    d.  reasonable

2.  husky fellow

    a.  strong
    b.  dog-like
    c.  shaggy
    d.  greenish

3.  highest magnitude

    a.  speed
    b.  attraction
    c.  stupidity
    d.  brightness

4.  embarrassing predicament

    a.  attention
    b.  situation
    c.  wardrobe
    d.  trick

5.  transitory visit

    a.  short
    b.  speedy
    c.  changing
    d.  permanent

For numbers 6 – 10, read the sentences. Then choose the word that best completes **both** sentences.

6.  The sailors threw the _____ to the tug, and the ship was pulled off the sandbar.

    Draw a _____ to connect the dots and see what figure is formed.

    a.  anchor
    b.  picture
    c.  lanyard
    d.  line

7.  In the lab, the scientists used monkeys, dogs and _____ to test their behavior theories.

The dog's coat had so many _____ that it was best to just shave it clean.

    a.    mice
    b.    rats
    c.    tangles
    d.    brushes

8.    We could all _____ as the magician performed his tricks.

All he did was look at his _____ and I could tell he was ready to go.

    a.    watch
    b.    see
    c.    clock
    d.    behold

9.    He was so adventurous and _____ for anything.

He had gotten bored playing the same old _____ of cards everytime they got together.

    a.    funloving
    b.    deck
    c.    game
    d.    plucky

10.    With enough _____ we could build the new recreation center ourselves.
Atlanta has not always been the _____ of Georgia, Savannah, Augusta, Louisville, and Milledgeville have all served.

    a.    mayor
    b.    finances
    c.    capitol
    d.    capital

For Numbers 11 – 15, read the passage. For each numbered blank, choose the word that best completes the passage.

Examples aren't doodads you add to a paragraph for _____; they are what holds your reader's attention and shows

them that your writing makes _____. By using examples, you make your ideas more concrete and _____. Giving plenty of examples is one of the writer's chief tasks. When you need more, you can _____them at any point in the writing process. Begin with your own experience, even with a topic about which you know little, or try conversing with others, reading, digging in the library, or _____ on the Web.

11. a. explanation
    b. justification
    c. purification
    d. decoration

12. a. sense
    b. logically
    c. essays
    d. interesting

13. a. lengthy
    b. tangible

    c. audible
    d. expensive

14. a. fabricate
    b. generate
    c. liquidate
    d. commiserate

15. a. browsing
    b. grazing
    c. surfing
    d. investigating

## Language Mechanics

For numbers 1 and 2, decide which punctuation mark, if any is needed in the sentence.

1. Isn't it a lovely day, today

   a.   .      b.   ?      c.   !      d.   Correct as is

2. Sydney and Brenda have spent the afternoon cooking cleaning and setting the table for their elaborate dinner party.

   a.   ,      b.   ;      c.   `      d.   Correct as is

For numbers 3 through 5, choose the sentence that is written correctly **and** shows the correct punctuation.

3. a. The clerk asked, "How often do you shop at Wal-Mart?
   b. Have you read the book.
   c. He asked many questions, but got no answers.
   d. Maxwell hand me the flashlight, please.

4.  a.  The characters of Dorothy, Toto, and Aunt Em are all in the book written by Frank Baum.
    b.  "Don't say aint," the grandmother correct.
    c.  My boss Mr. Smith just gave me the afternoon off because he had a dental appointment.
    d.  Did you hear that!

5.  a.  We will ship the package as soon as it arrived.
    b.  "I hate to take test," she yelled.
    c.  Please be quiet," the library whispered.
    d.  If you are interested in organizing a study group or carpool, give your name and phone number to Mac.

For numbers 6 through 8, read the sentence and look at the underlined part. Choose the answer that shows the best capitalization and punctuation for each part.

6.  His favorite book is *the Adventures Of Sherlock Holmes.*

    a.  *The Adventures Of Sherlock Holmes*
    b.  *The Adventures of Sherlock Holmes*
    c.  *the Adventures of Sherlock Holmes*
    d.  Correct as is

7.  "Sam she said I can't believe you ate the whole pizza."

    a.  "Sam, she said, I
    b.  "Sam." She said, "I
    c.  "Sam," she said, "I
    d.  Correct as is

8.  While sitting in class he remembered he was to have fed the dog.

    a.  in class, he remembered
    b.  in class. He remembered
    c.  in class; he remembered
    d.  Correct as is.

For numbers 9 – 11, read the passage and look at the numbered, underlined parts. Choose the answer that shows the best capitalization and punctuation for each part.

"Florida's community colleges  (9) are an integral part of our education system," said Education Commissioner Eric J Smith. (10) "I commend them on their long-standing commitment to open access for all students and the invaluable role they play in preparing a skilled Workforce for Florida's economy." (12)

9.  a.  "Floridas Community Colleges
    b.  "Florida's Communty Colleges
    c.  "Floridas community colleges
    d.  Correct as is

10.  a.  education commissioner Eric J Smith
     b.  Education Commissioner, Eric J Smith
     c.  Education Commissioner Eric J. Smith
     d.  Correct as is

11.  a.  Workforce for Florida's Economy
     b.  workforce for Florida's economy
     c.  workforce for Florida's Economy
     d.  Correct as is

For numbers 12 -15, read the letter and look at the numbered, underlined parts. Choose the answer that shows the best capitalization and punctuation for each part.

July 30, 2008

Mr. McKinley Jeffers
Florida Gateway College
149 S.E. College Place
Lake City, Florida 32025

Dear Mr Jeffers, (12)

I recently was working in the learning lab (13) and was having a very difficult time. I have not yet taken a computer application class and was finding it difficult to type my paper in MLA style. I was so frustrated with Microsoft Word, (14) I could have shot Bill Gates.

You were very patient and most helpful. I am grateful for your assistance and will tell all my friends to come see you. I think you and the lab are a great resource for all students.

Sincerely (15)


Dawn D. Doe

| | | | | | |
|---|---|---|---|---|---|
| 12. | a. | Dear Mr. Jeffers, | 14. | a. | MicroSoft Word |
| | b. | Dear Mr Jeffers; | | b. | Microsoft word |
| | c. | Dear Mr. Jeffers: | | c. | microsoft word |
| | d. | Correct as is | | d. | Correct as is |
| | | | | | |
| 13. | a. | The Learning Lab | 15. | a. | Sincerely, |
| | b. | the Learning Lab | | b. | Sincerely. |
| | c. | the Learning lab | | c. | Sincerely! |
| | d. | Correct as is | | d. | Correct as is |

# Spelling

For numbers 1-5, choose the word that is spelled correctly and best completes the sentence.

1.  With 10 children, we love to eat at a buffet style_____ because everyone can find something that they like.

    a.  restuarent
    b.  restuerant
    c.  restaurant
    d.  restuarant

2.  The job description had remained the same, but the job title changed from _____ to administrative assistant.

    a.  secretary
    b.  secratery
    c.  sacraterry
    d.  secretery

3.  In order to get a Liberal Arts degree in college these days you have to have at least two semesters of a _____ language.

    a.  forrign
    b.  froeign
    c.  foreign
    d.  foriegn

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4.    He is a very _____ worker, everything is always neat
      and accurate.

      a.    conscienitious
      b.    conscientious
      c.    consceintious
      d.    consecitious

5.    Dr. Heath tried to _____ Ralph so that he could quit
smoking.

      a.    hypnotize
      b.    hypnotice
      c.    hypnotise
      d.    hipnotise

For numbers 6 through 10, read the phrases. Find the phrase that
show an underline word that is **not** spelled correctly.

6.    a.    marathon  runner
      b.    sacramental wine
      c.    elusive criminal
      d.    shiny clarenite

7.    a.    Japanase beetle
      b.    opulent decorations
      c.    premeditated crime
      d.    shapely silhouette

8.    a.    topographical map
      b.    arctic walruse
      c.    subterranean
            parking
      d.    male ostrich

9.    a.    horse's hoofs
      b.    sharp knives
      c.    freelance
            photographer
      d.    elliptical tabletop

10.   a.    brusque manner
      b.    agricultural tractor
      c.    Demiocratic Party
      d.    gallbladder
            operation

# Answers

**Reading**
1. d
2. c
3. d
4. a
5. b
6. d
7. b
8. c
9. a
10. c
11. d
12. a
13. c
14. d
15. d
16. b
17. a
18. c
19. c
20. b
21. a
22. d
23. c
24. c
25. a
26. b
27. d
28. a
29. c
30. c
31. c
32. b
33. b
34. d
35. a
36. c
37. d
38. c
39. b
40. b

**Math Comp.**
1. a
2. c
3. b
4. b
5. d
6. a
7. c
8. c
9. b
10. d
11. a
12. c
13. e (-18)
14. b
15. d
16. a
17. d
18. b
19. b
20. c
21. e (400)
22. c
23. b
24. b
25. a
26. c
27. a
28. b
29. c
30. c
31. a
32. e (0)
33. c
33. b
34. a
35. c
36. b
37. e (96%)
38. d
39. b

40. a

**Applied Mathematics**
1. d
2. b
3. d
4. a
5. c
6. a
7. d
8. d
9. c
10. a
11. b
12. b
13. c
14. b
15. d
16. c
17. a
18. c
19. b
20. d
21. c
22. a
23. d
24. b
25. b
26. a
27. c
28. d
29. c
30. a
31. b
32. d
33. b
34. b
35. a
36. c
37. b

38. d
39. a
40. c

**Language**
1. b
2. c
3. a
4. b
5. d
6. d
7. c
8. d
9. a
10. c
11. a
12. c
13. d
14. a
15. b
16. b
17. c
18. a
19. c
20. a
21. c
22. b
23. c
24. a
25. d
26. a
27. d
28. a
29. b
30. b
31. b
32. b
33. c
34. b
35. c
36. c

| 37. | d | | 4. | b |
| 38. | c | | 5. | a |
| 39. | d | | 6. | d |
| 40. | c | | 7. | a |
| | | | 8. | b |
| **Vocabulary** | | | 9. | a |
| 1. | b | | 10. | c |
| 2. | a | | | |

**Vocabulary**

1. b
2. a
3. d
4. b
5. a
6. d
7. b
8. a
9. c
10. d
11. d
12. a
13. b
14. b
15. a

**Language Mechanics**

1. b
2. a
3. c
4. a
5. d
6. b
7. c
8. a
9. d
10. c
11. b
12. a
13. b
14. d
15. a

**Spelling**

1. c
2. a
3. c