

40. Select the meaning of the quoted word in the sentence. The nurse assisted the physician in removing the '**cast**' from the patient's arm.

Protective device

Medicated sleeve

Sling

Bandage

41. Select the meaning of the quoted word in the sentence. The doctor instructed the patient to keep his head '**elevated**'.

Raised

Turned

Still

Thrown back

42. Select the meaning of the following phrase. "**A system of procedures to follow.**"

Regimen

Regime

Testament

Treatment

43. Select the word that best fits the sentence. **The _____ student was not well liked by his peers.**

Geniality

Affably

Gregarious

Detestable

Although most people thought a bridge was necessary to expedite travel, some residents of the Bay area felt the risk of building the bridge was too great. Joseph Strauss believed that nothing was impossible, and dreams would never come to fruition if risks weren't taken. So, he decided to gather the best and brightest builders, architects, and workers to embark on the challenge of building a bridge across the Golden Gate Strait. With safety nets in place, the construction began in 1937. Building the anchorages first, the builders then move on to the towers on each end, and then to the three-foot thick cables to support the suspension bridge. Lastly, workers labored to complete the roadway which become the most dangerous and treacherous part of the entire task. The builders had to keep the bridge balance, so it wouldn't fall into the bay. Today, over sixty-five years later, the bridge remains a lifeline for the people of the San Francisco Bay Area.

The authors' reason for writing this piece seems to be to

Inform the reader

What body of water does The Golden Gate Bridge cross?

Golden Gate Strait

Why was the roadway so dangerous to build?

If the road wasn't balanced, it would collapse

In the passage the word embark means to

Begin an undertaking, start

Which part of the bridge was built first?

anchorage

Where is The Golden Gate Bridge located specifically?

- A. West Coast
- B. San Francisco
- C. San Fernando
- D. America

Why did Strauss set a net?

- A. For suspension
- B. For balance
- C. For aesthetics
- D. For safety

Which part of the bridge was built first?

- A. Steel cables

- B. A comparison of the Moon and the Earth
- C. The Moon's effect upon the Earth
- D. The origin of the Moon

The word “massive” in line 4 is closest in meaning to

- A. Dense
- B. Impressive
- C. Huge
- D. Unavoidable

The word “debris” in line 5 is closest in meaning to

- A. Earth
- B. Rubbish
- C. Moons
- D. Satellites

According to the passage, the Moon is

- A. Older than the Earth
- B. Composed of a few active volcanoes
- C. The primary cause of Earth's ocean tides
- D. Protected by a dense atmosphere

The word “uneven” in line 11 is closest in meaning to

- A. Heavier
- B. Not uniform
- C. Orderly
- D. Equally distributed

Why does the author mention “impact craters” in line 16?

- A. To explain the corrosive effects of atmospheric weathering
- B. To explain why the Moon has no plant life because of meteorites
- C. To show the result of the Moon not having an atmosphere
- D. To show the result of the Moon not having active tectonic or volcanic activity

The word “erase” in line 19 is closest in meaning to

- A. Impact
- B. Erupt

d) Could

8. When a person finds _____ in a stressful situation, it helps to breathe deeply.

- a) Oneself
- b) yourself
- c) Themselves
- d) Itself

9. Children generally _____ with others of the same size and age.

- a) Play
- b) Plays
- c) Played
- d) Playing

10. Scissors should never be _____ by the handle.

- a) Carry
- b) Carries
- c) Carried
- d) Carrying

10. The child cried, "I want to do it _____."

- a) Mine
- b) Me
- c) Myself
- d) Myself

11. During the storm, the glass in three of the windows was broken.

- a) Broken
- b) Breaks
- c) Was broken
- d) Were broken

12. He _____ football game.

- a) Never almost attends
- b) Almost never attends
- c) Almost attends never
- d) Attends almost never

13. To be admitted to the university, he _____ to make application by May 15.

a) Has

b) Have

c) Might

d) Were broken

28. He _____ football games.

a) Never almost attends

b) Almost never attends

c) Almost attends never

d) Attends almost never

29. I am looking forward to _____ on a vacation next month.

a) Go

b) Going

c) Be go

d) Going to go

30. If they _____ that the weather was going to be so bad, they wouldn't have gone to the beach.

a) Know

b) Knew

c) Had known

d) Were knowing

31. WHICH SENTENCE IS GRAMMATICALLY CORRECT?

a) Which one do you want?

b) Pick the won you want?

c) Whose one do you want?

d) Who's do you want?

32. WHICH SENTENCE IS GRAMMATICALLY CORRECT?

a) The winner was me.

8. $x=11x+44/2(x)$.

253

9. 2100 in military time?

9pm

10. A farmer has 240 acres under cultivation at the cost of \$188.99 per acre. If he averages a yield of 60 bushels per acre, what profit is expected if the price per bushel is \$5.67?

36,290.40

11. A man is reading a thick book. If he reads two chapters a day how long it will take him to read the book if there is 6 pages per chapter & 798 pg?

66.5 (67 rounded)

12. A nurse works in the military hospital from 1800 to 2000. How many hours does this nurse work?

- A. 8 hours
- B. 11 hours
- C. 2 hours
- D. 12 hours

13. What temperature in Celsius is 98.6 degrees Fahrenheit? (Enter numeric value only)

37 Celsius

14. A newborn weights 3,459 grams. There are 453.59 grams per pound. What is the infant's weight in pounds and ounces?

- A. 7lbs 10oz.
- B. 10lbs 7oz.
- C. 13lbs 3 oz.
- D. 3 lbs 13 oz.

35. A marathon runner is training for her next race. On her weekly weekend run she complete 21.4 miles and burns 2276 calories. What is her rate of calories burned per mile? Round to the nearest tenth. $2276 \div 21.4 = 106.35$ round to the nearest tenth = 106.4

106.3

106.4

106.355

106.36

36. An artist sells paintings at \$5.50 per painting. She has 7 stands in town. She pays \$35 per stand. What was her profit if she sold an average of 11 paintings per stand? $\$35 \times 7 = \245 for the stands $\rightarrow 11 \times 7 = 77$ total of paintings $\rightarrow 77 \times 5.50 = \423.50 total paintings sold $\rightarrow \$423.50 - \$245 = \$178.50$

\$245

\$178.50

\$175

\$423.50

37. Solve if $y = 3$. $4y + 21/y$

23/3

7.7

19

11

38. Farmer Juan finds that it takes 2 chickens to produce 6 eggs in 24 hours. How many chickens will he need to produce 24 eggs in 24 hours?

48

18

8

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D. System

19. The orthopedic surgeon informs you that you have broken the middle region of the humerus. What area is he describing?

- A. Epiphysis
- B. Articular cartilage
- C. Perichondrium
- D. Diaphysis

20. Going for superior to inferior, the sequence of the vertebral column is:

- A. Sacral, coccyx, thoracic, lumbar, and cervical
- B. Coccyx, sacral, lumbar, thoracic, and cervical
- C. Cervical, lumbar, thoracic, sacral, and coccyx
- D. Cervical, thoracic, lumbar, sacral, and coccyx

21. Which of the following is true of skeletal muscle? (select all that apply)

- A. Skeletal muscle comprises 10% of the body's weight.
- B. Skeletal muscle attaches to bones by tendons
- C. Muscle contraction helps keep the body warm
- D. Skeletal muscles continuously contract to maintain posture.

22. If an impulse is traveling from a sense receptor toward the spinal cord, it is traveling along what type of neuron?

- A. Motor neuron
- B. Sensory neuron
- C. Interneuron
- D. Bipolar neuron

23. What does the parathyroid hormone regulate?

- A. Magnesium
- B. Calcium
- C. Calcitonin
- D. Glucocorticoids

24. Which of the following epithelial types is correctly matched with its major function?

- A. Simple squamous epithelium – secretion or absorption
- B. Stratified squamous epithelium – changes shape when stretched
- C. Stratified squamous epithelium – diffusion
- D. Simple columnar epithelium – secretion or absorption