

State Meet
Knowledge
Bowl
2005

Written Round

Pristine #247 HS

Written Round

1 Ice Ages

The last ice advance reached its maximum extent approximately ---- years ago.

- A. fifteen thousand
- B. sixty thousand
- C. one million
- D. ten million
- E. two thousand

2 Settings

The time of the plot for Mary Shelley's work, "Frankenstein," is the ---- century.

- A. 17th
- B. 18th
- C. 19th
- D. 20th
- E. 21st

3 Interest Rates

At what rate of interest will \$1,600 produce \$7 of ordinary simple interest in 45 days?

- A. 3.0%
- B. 3.5%
- C. 4.0%
- D. 4.5%
- E. 5.5%

4 Campaigns

Who used this slogan while running for a second term?

Don't Swap Horses in the Middle of the Stream

- A. James Monroe
- B. Andrew Jackson
- C. Abraham Lincoln
- D. Dwight Eisenhower
- E. Franklin Roosevelt

5 Timberline

The timberline is at the lowest elevation at the latitudes around ...

- A. the Peruvian Andes
- B. Glacier National Park
- C. Mount Elbert in Colorado
- D. Glacier Bay National Park
- E. Mount Paricutin In Mexico

6 American Statesmen

Which statesman declared that a state could refuse to obey a federal law?

- A. Henry Clay
- B. Zachary Taylor
- C. Daniel Webster
- D. John C. Calhoun
- E. Abraham Lincoln

7 Sentence Analysis

Classify the second word in this statement.

The man who made the trains run on time became dictator of Italy.

- A. participle
- B. indirect object
- C. simple predicate
- D. subject complement
- E. antecedent of the pronoun

8 Ova

A human egg cell contains ---- chromosome.

- A. 11 autosomes and a Y
- B. 44 autosomes and a Y
- C. 22 autosomes and a Y
- D. 44 autosomes and an X
- E. 22 autosomes and an X

9 Manors

Under the manorial system the land was ...

- A. mainly public property
- B. loaned in return for services
- C. owned by those who worked it
- D. mainly controlled by the church
- E. mainly controlled by the military

10 Arches

Which roof or ceiling structure is built on the principle of the arch?

- A. apse
 - B. vault
 - C. spire
 - D. pilaster
 - E. transept
-

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11 Fiction

George Orwell's "1984" is the author's view of ...

- A. a totalitarian state
- B. the Socratic republic
- C. a dying polluted world
- D. the aftermath of atomic war
- E. the results of an alien invasion

12 Senators

Originally the Constitution specified that senators would be selected by ...

- A. state governors
- B. state legislatures
- C. the Electoral College
- D. a popular vote of the people
- E. the House of Representatives

13 Defeats

About one-fourth of George Washington's entire army was lost in the Revolutionary War's most stunning defeat of American troops at ...

- A. Trenton
- B. Saratoga
- C. Savannah
- D. Charleston
- E. Brandywine

14 Australian Cities

Which is on the eastern shore of Australia?

- A. Perth
- B. Darwin
- C. Brisbane
- D. Adelaide
- E. Alice Springs

15 Sediments

Sediments carried in suspension in seawater and deposited slowly over wide areas are ...

- A. pelagic
- B. organic
- C. siliceous
- D. terrigenous
- E. ferruginous

16 Food Additives

Which additive is regularly used to prevent spoilage of bacon, ham, and other cured meats?

- A. agar
- B. caramel
- C. sorbic acid
- D. sodium pentothal
- E. potassium nitrate

17 The Glomar Challenger

The primary purpose of the Glomar Challenger was to ...

- A. evaluate ocean currents
- B. conduct deep sea drilling
- C. measure ocean surface salinity
- D. collect samples of deep sea marine life
- E. determine the structures beneath atolls

18 Types of Law

A statue of Moby Dick in an art gallery fell and broke Ensign Pulver's foot who was looking at it. What type of law pertains to this case?

- A. civil
- B. canon
- C. criminal
- D. admiralty
- E. administrative

19 Fiction

Who wrote "hard-boiled fiction"?

- A. Alex Haley
- B. James Thurber
- C. Mickey Spillane
- D. Herman Melville
- E. Harriet Beecher Stowe

20 Percentage

In a class of 36 students, exactly 28 passed an examination, 4 failed, and the rest were absent. What percent of the class was absent?

- A. $8 \frac{3}{4}$
 - B. $9 \frac{7}{8}$
 - C. $10 \frac{3}{7}$
 - D. $11 \frac{1}{9}$
 - E. $12 \frac{3}{7}$
-

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21 Presidents

The Clayton Antitrust Act, the Federal Reserve System, and the Federal Trade Commission were direct results of whose presidency?

- A. James Carter
- B. Franklin Pierce
- C. Woodrow Wilson
- D. William McKinley
- E. Theodore Roosevelt

22 Itty-Bitty Countries

Name the tiny country in west-central Europe that consists of 61 square miles and whose capital is Vaduz.

- A. Monaco
- B. Belgium
- C. Andorra
- D. Vatican City
- E. Liechtenstein

23 Supercomputing States

With a total supercomputing capability almost as large as the entire nation of Japan, what state ranked first in the U.S. at the turn of the century in research computing power?

- A. Texas
- B. Illinois
- C. California
- D. New Mexico
- E. Massachusetts

24 Income

The money remaining out of personal income after payment of taxes is ---- income.

- A. gross
- B. actuary
- C. marginal
- D. disposable
- E. permissible

25 Scientific Devices

A hygrometer measures ...

- A. density
- B. humidity
- C. friction
- D. specific gravity
- E. very high temperatures

26 Tolerance

Which was the first significant official act of religious toleration in Western Europe?

- A. Edict of Nantes
- B. Act of Supremacy
- C. Ninety-Five Theses
- D. The Treaty of Utrecht
- E. The October Manifesto

27 Empires

The Aksum Empire in northern Ethiopia was a wealthy trade center for ...

- A. silk
- B. furs
- C. ivory
- D. slaves
- E. spices

28 Bubbles

Britain was shaken by the South Sea Bubble in 1720 which concerned ...

- A. a financial crisis
- B. a military scandal
- C. signing of the Magna Carta
- D. war over colonies in the Pacific
- E. constitutional prohibition of slavery

29 Story Settings

Which story does not take place in the state with which it is paired?

- A. The Jungle - Illinois
- B. The Yearling - Florida
- C. The Octopus - California
- D. The Scarlet Letter - Minnesota
- E. The Call of the Canyon - Arizona

30 Areas

A circular pond 150 feet in diameter is surrounded by a walk 7 feet wide. Find the area of the walk in square feet.

- A. 1,542.22
 - B. 2,119.04
 - C. 2,363.98
 - D. 3,124.76
 - E. 3,452.60
-

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31 Wartime Presidents

Who was in office when the Spanish-American War occurred?

- A. Monroe
- B. Jackson
- C. McKinley
- D. William Taft
- E. Warren Harding

32 Infinitives

Which Shakespearean line does not include an infinitive phrase?

- A. I come no more to make you laugh.
- B. To be or not to be, that is the question.
- C. Things sweet to taste prove in digestion sour.
- D. His words are razors to my wounded heart.
- E. To weep is to make less the depth of grief.

33 Clay

Watery clay is ...

- A. flux
- B. glost
- C. slurry
- D. kaolin
- E. bisque

34 Injuries

A dislocation is a displacement of one bone away from its natural ---- with another.

- A. dilation
- B. elongation
- C. respiration
- D. articulation
- E. insemination

35 Shipyards

In late 1988, it was announced that the Lenin shipyards were to be closed in ...

- A. Kiev
- B. Tabriz
- C. Gdansk
- D. Budapest
- E. Chernobyl

36 Medieval Practices

In the tenth century, the practice of buying or selling of church offices or ecclesiastical pardons was ...

- A. fealty
- B. simony
- C. alchemy
- D. chivalry
- E. necromancy

37 The Great Outdoors

People severely allergic to bee stings should always have ready access to ...

- A. sulfa
- B. quinine
- C. codeine
- D. psilocybin
- E. epinephrine

38 Poetic Forms

Which literary form always has the rhyme scheme, aabb?

- A. epic
- B. elegy
- C. haiku
- D. sonnet
- E. clerihew

39 Marble Proportions

2000 marbles are distributed among 3 boys in the ratio of 5 to 14 to 21. How much greater is the largest share than the smallest share?

- A. 650
- B. 725
- C. 800
- D. 850
- E. 900

40 The Confederacy

A goal of the northern army was to capture the Confederate capital at ...

- A. Atlanta, Georgia
 - B. Richmond, Virginia
 - C. Jackson, Mississippi
 - D. Memphis, Tennessee
 - E. Charleston, South Carolina
-

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41 Vector Quantities

Which is not a vector quantity?

- A. mass
- B. force
- C. velocity
- D. momentum
- E. acceleration

42 Appositives

A noun clause used in apposition is in the first line of

...

- A. "Moby Dick"
- B. Hamlet's soliloquy
- C. "The Village Blacksmith"
- D. Mark Antony's funeral oration
- E. the U.S. Constitution preamble

43 Astronomer Talk

Which term from astronomy is not paired appropriately with its meaning?

- A. secular - nonperiodic
- B. diurnal - twice annually
- C. limb - edge of a planet
- D. globule - small dark nebula
- E. umbra - center of a shadow

44 Special Territories

A territory having autonomy in the conduct of its internal and external affairs but maintaining a degree of affiliation with a mother country is a ...

- A. state
- B. hamlet
- C. diocese
- D. province
- E. dominion

45 The Middle Ages

Which marked the end of the Middle Ages?

- A. Magna Carta signing
- B. American Revolution
- C. golden age of Greece
- D. discovery of America
- E. completion of the Great Wall of China

46 Bird Anatomy

The pygostyle of a bird is analogous to what bone of a human?

- A. ilium
- B. patella
- C. coccyx
- D. sternum
- E. mandible

47 Advice

What word is missing from this saying by Benjamin Franklin?

Dost thou love life? Then do not squander ----, for that's the stuff life is made of.

- A. love
- B. time
- C. haste
- D. children
- E. resources

48 Carnivorous Algebra

A jackal is chasing a bunny that has a 150 foot head start. The jackal jumps 9 feet each time the cute bunny jumps 7 feet. In how many jumps will the jackal overtake the bunny?

- A. 45
- B. 55
- C. 75
- D. 100
- E. 150

49 Copperheads

Who was a Copperhead of the Civil War era?

- A. George McClellan
- B. Philip H. Sheridan
- C. Thomas J. Jackson
- D. Ulysses Simpson Grant
- E. Clement Vallandigham

50 Utopian Novels

Sir Francis Bacon presented his model of the perfect state based on the application of science in ...

- A. Utopia
 - B. Shangri-la
 - C. New Atlantis
 - D. Fahrenheit 451
 - E. Nine Tomorrows
-

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51 People in the News

Who was this 2002 passage about?
This year was supposed to be her golden jubilee, but instead, it's another "annus horribilis" thanks to a former butler.

- A. Coretta King
 - B. Nancy Reagan
 - C. Sandra O'Connor
 - D. Elizabeth Windsor
 - E. Margaret Thatcher
-

52 Work

One Btu equals how many foot-pounds of work?

- A. 100
 - B. 273
 - C. 550
 - D. 778
 - E. 960
-

53 Dimensions

Three-dimensionality is not an intrinsic property of ...

- A. mass
 - B. form
 - C. color
 - D. space
 - E. volume
-

54 British Rulers

During whose reign in England was the Magna Carta signed?

- A. King John
 - B. Henry VIII
 - C. King James I
 - D. Oliver Cromwell
 - E. Arthur Pendragon
-

55 Proofreading

Which proofreading mark is most appropriate in relation to this statement?

Max was critical of Ralph because he is a strict perfectionist.

- A. CF
 - B. Agr
 - C. Amb
 - D. Frag
 - E. Dang
-

56 Drama

Juliet's speech from the balcony before she notices Romeo is a(n) ...

- A. epilogue
 - B. soliloquy
 - C. synopsis
 - D. anagram
 - E. narration
-

57 Sets of Points

A set of points that contains exactly those points which satisfy a given condition is a ...

- A. line
 - B. chord
 - C. line segment
 - D. locus of points
 - E. concurrent line
-

58 World Perspectives

In the same year that Thomas Jefferson won a U.S. presidential election ...

- A. the Boer War began
 - B. Mexicans stormed the Alamo
 - C. Napoleon became first consul
 - D. Britain passed the Stamp Act
 - E. Ivan the Terrible killed his sons
-

59 Inventions

The Otto cycle is a(n) ...

- A. bicycle
 - B. blast furnace
 - C. electrical circuit
 - D. desalination system
 - E. internal combustion engine
-

60 Texas History

A government independent of Mexico was prematurely proclaimed by American settlers in Texas. It was the ...

- A. Free Texas
 - B. South Arkansas
 - C. the state of Deseret
 - D. the Fredonian Republic
 - E. Peoples' Republic of Texas
-

Pristine #247, Written Answers

Round

1 A
2 B
3 B
4 C
5 D
6 D
7 E
8 E
9 B
10 B
11 A
12 B
13 D
14 C
15 A
16 E
17 B
18 A
19 C
20 D
21 C
22 E
23 D
24 D
25 B
26 A
27 C
28 A
29 D
30 E
31 C
32 D
33 C
34 D
35 C
36 B
37 E
38 E
39 C
40 B
41 A
42 E
43 B
44 E
45 D
46 C
47 B
48 C
49 E
50 C
51 D
52 D
53 C
54 A
55 C
56 B
57 D
58 C
59 E
60 ~~E~~ D