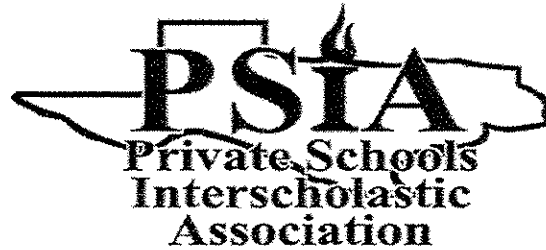


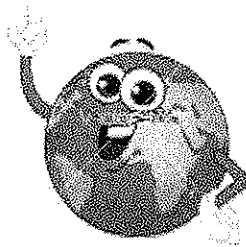
Place Contestant ID Label HERE  
BEFORE Contest Begins.



# Maps, Graphs, & Charts

## DISTRICT Contest

### Grades 6-8



# 2019

FINAL SCORE: \_\_\_\_\_

(Please do not open test until the signal is given to begin.)

## PSIA – Maps, Graphs, and Charts – District Test -- 2019

**Atlas Questions – United States** – The following questions are about the United States.

1. Where is the capital of Indiana?  
A. in the center of the state  
B. near Lake Michigan  
C. near the borders with Illinois and Kentucky  
D. near the borders with Michigan and Ohio
2. How many states border Nebraska?  
A. 4  
B. 5  
C. 6  
D. 7
3. Which livestock product is Montana known for?  
A. dairy  
B. beef  
C. hogs  
D. poultry
4. What state would you find Brook Range in?  
A. Wyoming  
B. Washington  
C. Colorado  
D. Alaska
5. What is the largest ethnic heritage of Americans?  
A. Irish  
B. African  
C. Mexican  
D. German
6. What interstate highway runs east and west between Madison and Milwaukee?  
A. Interstate 90  
B. Interstate 94  
C. Interstate 43  
D. Interstate 39
7. How much precipitation does Cape Girardeau, Missouri receive annually?  
A. over 2000 mm  
B. between 1000 mm and 2000 mm  
C. between 500 mm and 1000 mm  
D. between 250 mm and 500 mm
8. Which Hawaiian island is Pearl Harbor located on?  
A. Maui  
B. Lanai  
C. Hawaii (the big island)  
D. Oahu
9. How tall is Harney Peak?  
A. 2207 feet  
B. 5893 feet  
C. 7242 feet  
D. 9009 feet
10. How many fewer farms were in the United State in 1950 than 1900?  
A. 480,000  
B. 330,000  
C. 690,000  
D. 300,000

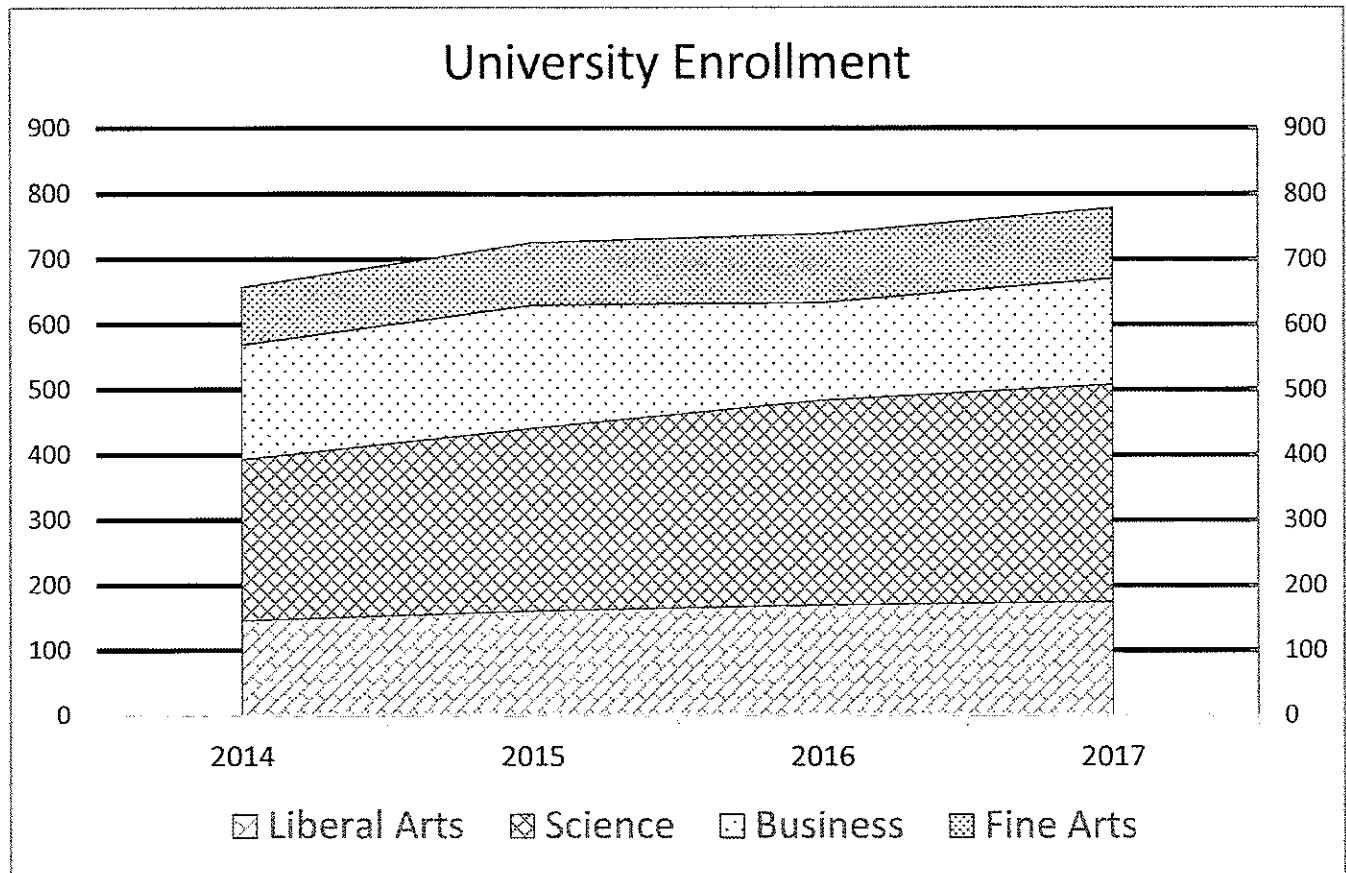
**Table – Top 10 Richest Companies in the World – 2017** – Use the table about the top richest companies by revenue to answer the following questions.

Company	Revenue (in billions of US dollars)	Sector	Headquarters	CEO
Walmart	485.9	retail	Bentonville, Arkansas	Doug McMillon
State Grid Corp of China	315.2	electric utility	Beijing	Shu Yinbiao
Sinopec Group	267.5	oil and gas	Beijing	Fu Chengyu
China National Petroleum Corp	262.6	oil and gas	Beijing	Wang Yilin (chairman)
Toyota Motor	254.7	automotive	Toyota, Japan	Akio Toyoda
Volkswagen	240.3	automotive	Wolfsburg, Germany	Herbert Diess
Royal Dutch Shell	240.0	oil and gas	The Hague, Netherlands	Ben van Beurden
Berkshire Hathaway	223.7	insurance, freight rail transportation, and utilities	Omaha, Nebraska	Warren Buffett
Apple	215.6	technology	Cupertino, California	Tim Cook
Exxon Mobil	205.0	mining, petroleum	Irving, Texas	Darren Woods

11. Who is the Chief Executive Officer of Berkshire Hathaway?
  - A. Doug McMillon
  - B. Warren Buffett
  - C. Tim Cook
  - D. Shu Yinbiao
12. Which top 10 company is headquartered on the west coast of the United States?
  - A. Walmart
  - B. Exxon Mobil
  - C. Apple
  - D. Berkshire Hathaway
13. Which European company was the top revenue getter in 2017?
  - A. Royal Dutch Shell
  - B. Volkswagen
  - C. Walmart
  - D. Sinopec
14. How many of the top 10 revenue earners are in business to manufacture cars?
  - A. four
  - B. three
  - C. two
  - D. one
15. How much more in revenue did the top earner make than the 7<sup>th</sup> best earner in 2017?
  - A. \$245.9 billion
  - B. \$246.2 billion
  - C. \$247.3 billion
  - D. \$248.5 billion



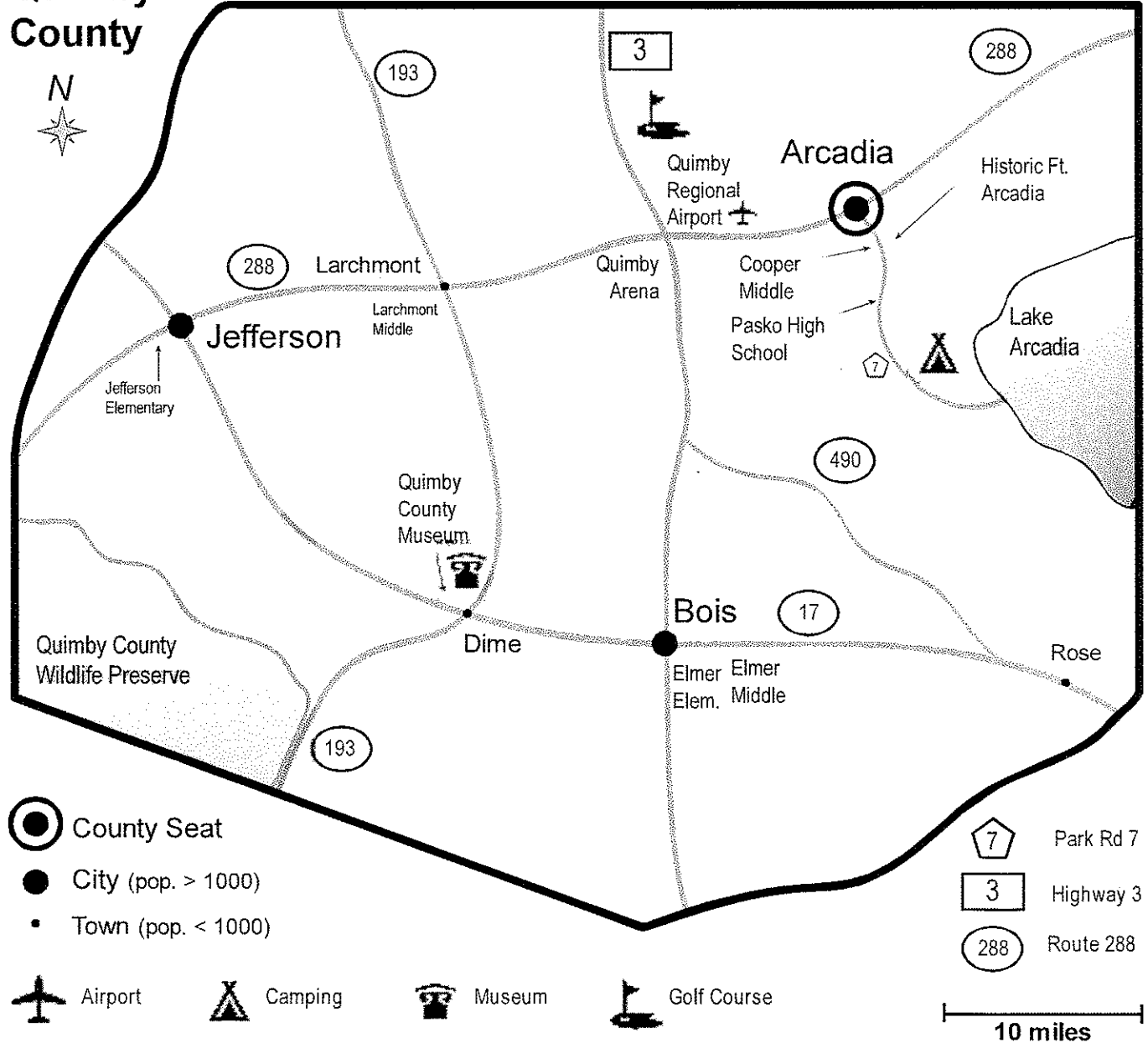
**Area Chart** – Use the following area chart to answer questions about university enrollment.



21. What is the largest class of all majors enrolled at the university?
- A. fine arts                      B. business  
C. liberal arts                    D. science
22. What is the total enrollment at the university in 2017?
- A. about 630                      B. about 670  
C. about 720                      D. about 780
23. What year was the first year that enrollment exceeded 700 students?
- A. 2014                              B. 2015  
C. 2016                              D. 2017
24. Approximately how many science majors were enrolled in 2016?
- A. about 200                      B. about 300  
C. about 400                      D. about 500

**Map** – Use the map to answer the following questions.

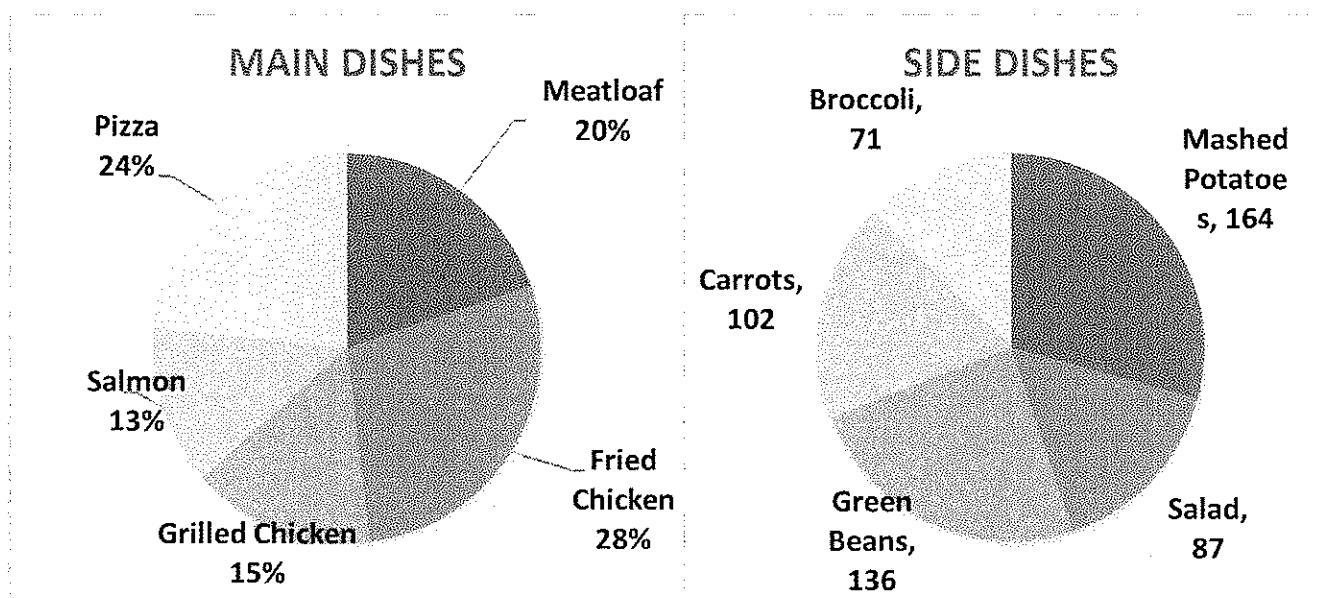
## Quimby County



25. What is the county seat of Quimby County?
- Jefferson
  - Arcadia
  - Bois
  - Dime
26. What city is Elmer Elementary closest to?
- Larchmont
  - Jefferson
  - Arcadia
  - Bois

27. Where would you need to go to take a flight out of Quimby County?
- A. the intersection of Route 490 and Route 17
  - B. the intersection of Route 17 and Route 193
  - C. the intersection of Route 288 and Hwy 3
  - D. the intersection of Route 193 and Route 288
28. Approximately how far from Bois is the county golf course?
- A. 15 miles
  - B. 25 miles
  - C. 35 miles
  - D. 45 miles
29. Following these directions, where would you be?
- From Rose, travel northwest on Route 490. Travel 20 miles. Turn right onto Hwy 3. Travel 10 miles. Turn right onto Route 288. Travel 10 miles. Turn right onto Park Road 7. Travel 2 miles. Your destination is on the right.
- A. Cooper Middle School
  - B. Pasko High School
  - C. Arcadia Camp Grounds
  - D. Historic Fort Arcadia
30. Which direction would a person need to travel to go from Larchmont to the Quimby County Museum?
- A. north
  - B. south
  - C. east
  - D. west
31. What attraction is located in the southwest corner of Quimby county?
- A. arena
  - B. museum
  - C. golf course
  - D. wildlife preserve
32. What are the three most populous areas of Quimby county?
- A. Dime, Jefferson, and Bois
  - B. Jefferson, Larchmont, and Rose
  - C. Arcadia, Jefferson, and Dime
  - D. Bois, Arcadia, and Jefferson

**Pie Chart** – Use the pie chart to answer the following questions about meal choice at a restaurant during one day in July, 2018.



33. What percent of diners chose fried chicken as their main dish?
- A. 24%                      B. 13%
- C. 15%                      D. 28%
34. How many more servings of green beans were served than servings of carrots?
- A. 65                        B. 34
- C. 27                        D. 49
35. Suppose we know that everyone who ordered meatloaf or fried chicken also ordered mashed potatoes and that no other main dishes were served with mashed potatoes. How many people ordered pizza?
- A. 82                        B. 164
- C. 328                      D. Cannot be determined

**Atlas Questions – Africa** – Use the atlas to answer the following questions about Africa.

36. What is the capital of South Sudan?
- A. Omdurman              B. Khartoum
- C. Waw                      D. Juba
37. Which metal is a major resource mined in Madagascar?
- A. tin                        B. iron
- C. nickel                    D. lead
38. The Tropic of Capricorn passes through how many different African countries?
- A. four                      B. five
- C. six                        D. seven



## PSIA – Maps, Graphs, and Charts – District Test -- 2019

39. Most of Libya is covered by what land type?
- A. tropical rain forest
  - B. cropland
  - C. desert (or semi-desert)
  - D. broadleaf forest
40. Egypt has a natural growth rate of 1.87% per year. How does this compare with Ethiopia's natural growth rate?
- A. The population of Ethiopia is growing at about 1 percentage point faster than Egypt.
  - B. The population of Ethiopia is decreasing at about 1 percent point slower than Egypt.
  - C. The population of Ethiopia is growing at about 3 percentage points faster than Egypt.
  - D. The population of Ethiopia is decreasing at about 3 percentage points slower than Egypt.
- Atlas Questions – The World** – Use the atlas to answer these questions about the world.
41. What country is the largest exporter of oil that is not a member of the Organization of Petroleum Exporting Countries?
- A. Saudi Arabia
  - B. Canada
  - C. United States
  - D. Russia
42. If you were to travel directly north from the South Pole along a line of longitude of 60°W, what country would you fly over first?
- A. South Africa
  - B. Iran
  - C. Argentina
  - D. Uruguay
43. What percent of the world's population in 2015 lived in urban areas?
- A. 54%
  - B. 46%
  - C. 58%
  - D. 42%
44. Buffalo Narrows lies between which two Saskatchewanian lakes?
- A. Dore Lake and Lac La Ronge
  - B. Wollaston Lake and Reindeer Lake
  - C. Lake Athabasca and Black Lake
  - D. Peter Pond Lake and Churchill Lake
45. Approximately how far apart are the capital cities of El Salvador and Honduras?
- A. 300 miles
  - B. 210 miles
  - C. 170 miles
  - D. 130 miles
46. What percent of Germany's electricity is produced from water?
- A. less than 10%
  - B. between 10% and 30%
  - C. between 30% and 50%
  - D. more than 50%
47. The Foveaux Strait separates one of the main islands of what country from the smaller Stewart Island?
- A. Fiji
  - B. Malaysia
  - C. Indonesia
  - D. New Zealand
48. Which of the following countries has the lowest female literacy rate?
- A. Algeria
  - B. Libya
  - C. Chad
  - D. Moldova
49. Into what body of water does the Volga delta empty?
- A. Ionian Sea
  - B. Barents Sea
  - C. Black Sea
  - D. Caspian Sea
50. What crop grows best in the Tierra Fría altitude zone of the Andes Mountains?
- A. sugar cane
  - B. cacao
  - C. potatoes
  - D. wheat

**World Geography Questions** – Answer the following questions about world geography.

51. What religion do the majority of Bangladeshi people practice?  
A. Islam  
B. Hindu  
C. Christianity  
D. Buddhism
52. In late November 2018, which state experienced a magnitude 7.0 earthquake?  
A. Washington  
B. California  
C. Alaska  
D. Hawaii
53. The Mauryan Empire existed from around 322 BCE to 185 BCE. Which of the following modern-day countries is located where this empire reigned?  
A. Italy  
B. India  
C. Indonesian  
D. Ireland
54. What early form of writing was invented by the Sumerians and used wedge-shaped marks on clay tablets?  
A. hangul  
B. Sanskrit  
C. hieroglyphics  
D. cuneiform
55. What country's national anthem is "Das Lied der Deutschen"?  
A. France  
B. Germany  
C. Norway  
D. Sweden
56. What country is the world's leading producer of avocados?  
A. Colombia  
B. Peru  
C. Dominican Republic  
D. Mexico
57. What type of government is formed when the people share ownership of the primary means of production and often an equal distribution of resources, with public services owned collectively by all people or by the state?  
A. communism  
B. socialism  
C. capitalism  
D. federalism
58. Who was president of the United States when Texas was annexed?  
A. John Tyler  
B. James K. Polk  
C. Zachary Taylor  
D. Martin Van Buren
59. Which of the following countries is not typically considered to be one of the three main Scandinavian countries?  
A. Finland  
B. Norway  
C. Sweden  
D. Denmark

60. What region of the U.S. would you find this state?



- |                        |                     |
|------------------------|---------------------|
| A. in the mid-Atlantic | B. in New England   |
| C. in the Deep South   | D. in the Southwest |
61. What region of the United States was inhabited by the Sioux Nation?
- |                      |                      |
|----------------------|----------------------|
| A. West Coast        | B. Southeastern U.S. |
| C. Northeastern U.S. | D. The Great Plains  |
62. What political party does Theresa May, the Prime Minister of the United Kingdom, belong to?
- |                       |                             |
|-----------------------|-----------------------------|
| A. Conservative Party | B. Liberal Democratic Party |
| C. Labour Party       | D. Scottish National Party  |
63. What body of water is the world's highest navigable lake?
- |                  |                    |
|------------------|--------------------|
| A. Lake Victoria | B. Lake Titicaca   |
| C. Lake Superior | D. Great Bear Lake |
64. The Catholic observance of Lent is kicked off in several Caribbean and South American countries by what festival?
- |                |                 |
|----------------|-----------------|
| A. Oktoberfest | B. Carnival     |
| C. Harbin      | D. Semana Santa |
65. What was the former name of Ghana when it was ruled by Great Britain?
- |               |                        |
|---------------|------------------------|
| A. Abyssinia  | B. Nyasaland           |
| C. Gold Coast | D. British East Africa |
66. Which of the following would be classified in the Tertiary Industry?
- |                             |                         |
|-----------------------------|-------------------------|
| A. automotive manufacturing | B. computer programming |
| C. fishing                  | D. firefighting         |
67. What term was used to describe the restructure and reformation of the economic and political system that led to the break up of the Soviet Union?
- |                 |               |
|-----------------|---------------|
| A. perestroika  | B. glasnost   |
| C. khozraschyot | D. uskoreniye |
68. What is an *oud*?
- |   |
|---|
| A. a cart used in the Middle Ages to transport spices from the east into Europe                 |
| B. a pear-shaped stringed instrument that influenced music from northern Africa to central Asia |
| C. a large deposit of minerals found at the delta of rivers in the Middle East                  |
| D. a long, skinny stick used by Native Americans to tell time                                   |

69. The Gini Coefficient is used to measure how wealth/income is distributed, with 0 representing perfect equality (everyone owns an equal share of wealth of a society) and 100 representing perfect inequality (a single person owns ALL wealth of a society). The following chart shows the Income Gini Coefficient for the entire world over time. What conclusion can be reached over this time period?

Year	Gini Coefficient
1820	0.43
1850	0.53
1870	0.56
1913	0.61
1950	0.64
1960	0.64
1980	0.66
2002	0.71
2005	0.68

- A. The overall increase in the Gini Coefficient indicates that more people than ever before are receiving greater incomes.
- B. The overall trend in the Gini Coefficient does not provide reliable information since the coefficient was lower in 2005 than in 2002.
- C. The overall increase in the Gini Coefficient indicates that fewer people are needed in the work force to maintain the same level of production.
- D. The overall increase in the Gini Coefficient indicates that income is now more concentrated in a smaller ratio of people than in the past.

70. Which country has the longest life expectancy?
- A. Japan
  - B. Norway
  - C. Costa Rica
  - D. India
71. What name is given to the line of latitude at approximately  $23\frac{1}{2}^{\circ}\text{S}$ ?
- A. Tropic of Cancer
  - B. Tropic of Capricorn
  - C. Arctic Circle
  - D. Antarctic Circle
72. Which is a reason urbanization led to the decline of traditional ways in sub-Saharan Africa?
- A. Urbanization led to busier schedules for people who no longer had time to participate in traditions before moving to cities.
  - B. Most traditional ways and rituals take up large spaces and can only be performed in wide-open rural areas.
  - C. Most traditional ways were banned in urban areas of large cities.
  - D. Most families were reduced to nuclear families in cities which did not pass on traditional ways to future generations.
73. The Durand Line, established in 1893, represents the border between which two Asian countries?
- A. Pakistan and Afghanistan
  - B. China and Mongolia
  - C. Myanmar and Bangladesh
  - D. North Korea and South Korea
74. What state's largest city is found in Cook County?
- A. Oregon
  - B. New York
  - C. Georgia
  - D. Illinois
75. Beethoven's Fifth Symphony premiered on December 22, 1808 at the Theater an der Wien in what country?
- A. Austria
  - B. Germany
  - C. Switzerland
  - D. Italy

CONTESTANT ID#: \_\_\_\_\_

GRADE LEVEL: \_\_\_\_\_

# PSIA Maps, Graphs & Charts Contest – Grades 6, 7 & 8

## ANSWER SHEET

Page number references in parentheses are found only in the 2018 or 2016 editions of the *Nystrom Desk Atlas*.  
**Scoring:** +5 for each correct answer; -2 for each incorrect answer. No points are deducted for skipped or unanswered items. Deduct 2 points for erasures/mark-outs not resulting in a correct answer.

1. _____	20. _____	39. _____	58. _____
2. _____	21. _____	40. _____	59. _____
3. _____	22. _____	41. _____	60. _____
4. _____	23. _____	42. _____	61. _____
5. _____	24. _____	43. _____	62. _____
6. _____	25. _____	44. _____	63. _____
7. _____	26. _____	45. _____	64. _____
8. _____	27. _____	46. _____	65. _____
9. _____	28. _____	47. _____	66. _____
10. _____	29. _____	48. _____	67. _____
11. _____	30. _____	49. _____	68. _____
12. _____	31. _____	50. _____	69. _____
13. _____	32. _____	51. _____	70. _____
14. _____	33. _____	52. _____	71. _____
15. _____	34. _____	53. _____	72. _____
16. _____	35. _____	54. _____	73. _____
17. _____	36. _____	55. _____	74. _____
18. _____	37. _____	56. _____	75. _____
19. _____	38. _____	57. _____	OFFICIAL SCORE: _____

**Score:    Initials**

Grader 1: \_\_\_\_\_

Grader 2: \_\_\_\_\_

Grader 3: \_\_\_\_\_

**Contest Director ONLY:** AFTER being scored by at least 2 graders, place this answer sheet with the contestant's identified test paper, on which the Contestant ID label has been affixed.

**PSIA Maps, Graphs & Charts Contest**  
**Grades 6-8 – DISTRICT – 2019**  
**ANSWER KEY**

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- |               |             |                  |       |
|---------------|-------------|------------------|-------|
| 1. A (90)     | 20. D       | 39. C (133)      | 58. B |
| 2. C (74)     | 21. D       | 40. A (137)      | 59. A |
| 3. B (83)     | 22. D       | 41. D (174)      | 60. A |
| 4. D (104)    | 23. B       | 42. C (12)       | 61. D |
| 5. D (87)     | 24. B       | 43. A (36)       | 62. A |
| 6. B (99)     | 25. B       | 44. D (69 OR 63) | 63. B |
| 7. B (97, 80) | 26. D       | 45. D (115)      | 64. B |
| 8. D (104)    | 27. C       | 46. A (154)      | 65. C |
| 9. C (76)     | 28. B       | 47. D (195)      | 66. D |
| 10. D (82)    | 29. A       | 48. C (43 OR 39) | 67. A |
| 11. B         | 30. B       | 49. D (147)      | 68. B |
| 12. C         | 31. D       | 50. C (123)      | 69. D |
| 13. B         | 32. D       | 51. A            | 70. A |
| 14. C         | 33. D       | 52. C            | 71. B |
| 15. A         | 34. B       | 53. B            | 72. D |
| 16. B         | 35. A       | 54. D            | 73. A |
| 17. B         | 36. D (132) | 55. B            | 74. D |
| 18. A         | 37. C (136) | 56. D            | 75. A |
| 19. C         | 38. B (141) | 57. B            |       |