2019 US Geography Olympiad
Multiple Choice Examination - Part 2

Instructions – This portion of the multiple choice examination consists of 40 questions. You will receive two points for a correct answer. You will lose one point for an incorrect answer. Blank responses lose no points. Please fill in the bubbles completely on the answer sheet. You may write on the examination, but all responses must be bubbled on the answer sheet. All images are contained in the resource booklet. Diacritic marks such as accents have been omitted from place names and other proper nouns. You have one hour to complete both the written portion of the examination and this set of multiple choice questions.

Questions 1-6 refer to the image in section 1 of the resource booklet.

1. What is formed at 4 in the diagram?
    A. magma
    B. sediments
    C. sedimentary rock
    D. igneous rock

2. What process results in the shortcut labeled B on the diagram?
    A. uplift
    B. deposition and burial
    C. heat and pressure
    D. solidification

3. Which of the shortcuts labeled on the diagram is least likely to occur in the rock cycle?
    A. A
    B. B
    C. C
    D. D

4. A more likely shortcut, not labeled on the diagram, would actually occur between which of the following?
    A. 1 and 4 due to weathering and erosion
    B. 3 and 4 due to rapid cooling
    C. 4 and 3 due to melting
    D. none of these is likely to occur

5. Which of the following results from compaction and cementation at 1 on the diagram?
    A. magma
    B. sediments
    C. sedimentary rock
    D. igneous rock

6. Melting could result in a transition between which of the following on this diagram?
    A. 2 and 3
    B. 1 and 3
    C. both of these transitions
    D. neither of these transitions

Questions 7-13 refer to the image in section 2 of the resource booklet.

This map shows charts representing religious affiliations of residents of countries throughout the world.

7. What color represents Islam on this map?
    A. blue
    B. dark orange
    C. green
    D. grey

8. In China, what does the yellow section of the graph represent?
    A. atheism
    B. Christianity
    C. Hinduism
    D. traditional Chinese beliefs

9. Given the information on the map, purple must represent which of the following?
    A. Judaism
    B. Sikhism
    C. Shinto
    D. Orthodox Christianity

10. Given the information on the map, is Roman Catholicism represented by a different color than Christianity?
    A. yes
    B. no
    C. only in some countries
    D. it is impossible to determine from the information presented

11. Which of these countries identifies as least religious by a large margin?
    A. the United States
    B. Russia
    C. Belarus
    D. China

12. Which of these countries identifies as the most religious in Europe?
    A. Hungary
    B. Poland
    C. Bulgaria
    D. Great Britain

13. The three countries in the world that identify as the most religious, with over 99% of respondents identifying with a particular faith, are all located in which of the following?
    A. South America
    B. Europe
    C. Asia
    D. Africa

Questions 14-20 refer to the images in section 3 of the resource booklet.

14. The indigenous group in image 1 is native to which of the following areas?
    A. the Tigris-Euphrates marshlands
    B. the Nile River valley
    C. the Dead Sea area
    D. wetlands near the Niger River

15. Which of the following indigenous groups is depicted in image 2?
    A. Mapuche
    B. Nahuatl
    C. Quechua
    D. Zapotec

16. The group in image 2 is the largest indigenous group in which of the following South American nations?
    A. Brazil
    B. Peru
    C. Chile
    D. Argentina

17. Which of the following groups is depicted in image 3?
    A. Athabascan
    B. Inupiat
    C. Tlingit
    D. Aleut

18. The blanket shown in image 3 is an example of which of the following?
    A. inkle weaving
    B. taniko weaving
    C. grain weaving
    D. Chilkat weaving

19. In which of the following areas does the group in image 3 traditionally live?
    A. the Aleutian Islands
    B. the Pacific Northwest
    C. central Alaska
    D. western Canada

20. Which of the following groups is shown in image 4?
    A. Tatars
    B. Tuaregs
    C. Ma'dan
    D. Yazidis

Questions 21-27 refer to the images in section 4 of the resource booklet.

These images show climatograms of five different biomes. Lines indicate temperature in Celsius and bars indicate precipitation in cm.

21. Which of the images shows a savanna biome?
    A. 1
    B. 2
    C. 3
    D. 4

22. Image 5 shows which of the following biomes?
    A. tundra
    B. hot desert
    C. chaparral
    D. taiga

23. Of the diagrams below, which is most likely located at 70 degrees north?
    A. 1
    B. 2
    C. 3
    D. 4

24. Given the data, image 2 is most likely located in which of the following areas?
    A. Brazil
    B. Russia
    C. Australia
    D. Tanzania

25. Image 4 shows data for what area of the United States?
    A. Lawrence, Kansas
    B. Baton Rouge, Louisiana
    C. Seattle, Washington
    D. Portland, Maine

26. A taiga biome would have a graph most similar to which of these?
    A. 2
    B. 3
    C. 4
    D. 5

27. A tropical rainforest would show a graph with which of the following characteristics?
    A. average rainfall over 30cm per month
    B. average temperature at nearly 32 degrees Celsius
    C. an annual temperature range of less than 5 degrees Celsius
    D. the graph would have all of these characteristics

Questions 28-33 refer to the image in section 5 of the resource booklet.

This graph shows out-of-school children of primary school age between 1992 and 2014.

28. In what region did the number of out-of-school children increase the most between 1992 and 1997?
    A. South Asia
    B. Middle East and North Africa
    C. East Asia and Pacific
    D. Sub-Saharan Africa

29. Which statement is supported by the data in this graph?
    A. There are more primary school age children in Africa than in Asia
    B. The number of girls in primary education over this period has increased
    C. Africa's share of out-of-school children has decreased since 1992
    D. North America has the smallest number of children out of school

30. Reducing the percentage of out-of-school children is usually associated with a reduction in which of the following?
    A. GDP per capita
    B. literacy rate
    C. average household income
    D. total fertility rate

31. Approximately what percentage of primary age out-of-school children worldwide were in Sub-Saharan Africa?
    A. 35%
    B. 45%
    C. 55%
    D. 65%

32. Which of the following is true about out-of-school children worldwide?
    A. more girls are out of school worldwide than boys at all levels
    B. boys are more likely to be out of school at primary age worldwide, but girls are more likely to be out of school at lower and upper secondary age
    C. girls are more likely to be out of school at primary age worldwide, but boys are more likely to be out of school at lower and upper secondary age
    D. more boys are out of school worldwide than girls at all levels

33. According to UNESCO data, and given the information in the chart, which of the following most closely represents the percentage of school-age children worldwide that are not attending school as of 2016?
    A. 10%
    B. 20%
    C. 30%
    D. 40%

Questions 34-40 refer to the images in section 6 of the resource booklet.

34. Which of the population pyramids could represent a county with a substantial military base?
    A. 1
    B. 2
    C. 3
    D. 4

35. The pyramid in image 3 would most likely get its shape from which of the following?
    A. an influx of refugees
    B. the headquarters of a large tech company
    C. a major university
    D. none of these would cause this shape

36. Which of the following pyramids represents a rapidly growing population?
    A. 1
    B. 2
    C. 3
    D. 4

37. A county with a large incarcerated population would most closely resemble the pyramid for which of the following?
    A. 1
    B. 2
    C. 3
    D. 4

38. Which of these pyramids represents a place classified by the Census Bureau as a recreation county?
    A. 1
    B. 2
    C. 3
    D. 4

39. Killeen, TX is most similar demographically to the pyramid in which of the following?
    A. 1
    B. 2
    C. 3
    D. 4

40. Tempe, AZ is most similar demographically to the pyramid in which of the following?
    A. 1
    B. 2
    C. 3
    D. 4