



## Map and Flag Examination IAC Nationals 2024

Name \_\_\_\_\_

School \_\_\_\_\_

Grade \_\_\_\_\_

**Instructions – Mark your answers on the scantron provided. Correct answers are worth 2 points. Incorrect answers are worth –1 point. Questions left blank are worth 0 points. Write the answer to your tiebreaker question on the back of your scantron.**

Questions 1-30 correspond to the numbered images in the resource section of the examination.

1. A Chinese dragon known as the druk is featured on the flag of what Asian nation shown here?

- A. Cambodia
- B. Laos
- C. Bhutan
- D. Nepal

2. The flag of the City of London, like the Union Jack, contains a cross named for what early Christian saint?

- A. St. Thomas
- B. St. Michael
- C. St. Pancras
- D. St. George

3. The flag of the Ottoman Empire shown here inspired the flags, like those of Algeria and Pakistan, in what major family of country flags?

- A. the crescent family
- B. the red family
- C. the white family
- D. the ensign family

4. The flag of Cusco seen here is also used as an unofficial symbol of what indigenous group of South America, most of which live in Peru?

- A. Quechua
- B. Mapuche
- C. Aymara
- D. Yanomami

5. Following World War II, this flag was adopted by the Self-Defense Force of what nation?

- A. West Germany
- B. East Germany
- C. Japan
- D. Poland

6. The black star of the Ghanaian flag was adopted from the Black Star Line incorporated by what activist and founder of the UNIA in the early 20<sup>th</sup> century?

- A. A. Philip Randolph
- B. Marcus Garvey
- C. Jack Johnson
- D. Paul Robeson

7. What Egyptian city's flag features a reference to its role as a center of learning, culture, and commerce in the ancient world?

- A. Cairo
- B. Giza
- C. Aswan
- D. Alexandria

8. The yellow field of this flag represents the House of Bolkiah, the ruling family of what wealthy Southeast Asian nation?

- A. Singapore
- B. Brunei
- C. Malaysia
- D. East Timor

9. The flag of the Acadiana area of Louisiana has regions symbolizing the colonial rule of what two nations?

- A. Spain and France
- B. the UK and France
- C. the US and France
- D. the US and Spain

10. The bear is a common symbol of what European capital, featured not only on its flag seen here, but also on its coat of arms and across the city in its namesake 'Buddy Bear' sculptures?

- A. Vienna
- B. Paris
- C. Prague
- D. Berlin

11. Which of these countries does NOT have a flag based on the British Naval Ensign pictured here?

- A. Australia
- B. Tuvalu
- C. Fiji
- D. Nauru

12. Versions of the Sol de Mayo seen here appear on the flags of both Uruguay and what other South American nation?

- A. Brazil
- B. Argentina
- C. Peru
- D. Paraguay

13. The plain red banner, like the one seen here, influenced the flags of many communist nations and has been a symbol of left-wing politics since its use by a faction in what violent conflict?

- A. the French Revolution
- B. the War of 1812
- C. the American Revolution
- D. the Civil War

14. The flag of Kosovo is part of a family of flags based on the one used by what international organization?

- A. the World Bank
- B. ECOWAS
- C. the UN
- D. the Red Cross

15. The red stripe on the early flag of Gran Colombia seen here symbolized what 'bloody' colonizing power?

- A. Great Britain
- B. the United States
- C. Portugal
- D. Spain

16. The flag of Sudan has a color scheme, like the flags of Iraq, Kuwait, and several other nations, that are associated with what political movement?

- A. pan-Arabism
- B. socialism
- C. communism
- D. African unity

17. The double-headed eagle found on the flag of Albania became a national symbol throughout Europe due to its use by the House of Palaiologos that ruled what empire in the late Medieval period?

- A. Persian
- B. Byzantine
- C. Carolingian
- D. Ethiopian

18. What nation that borders Israel has a national flag that features its namesake cedar tree?

- A. Syria
- B. Jordan
- C. Egypt
- D. Lebanon

19. The flag of Shetland, shown here, combines the Nordic cross with the national flag of what nation, of which the islands are a part?

- A. Sweden
- B. Wales
- C. Scotland
- D. Finland

20. The flag of the Republic of Georgia is based on the five-cross design most associated with the Crusader kingdom based in what Levantine city?

- A. Jerusalem
- B. Edessa
- C. Antioch
- D. Tripoli

21. What Western US state adopted its flag, which now more prominently displays its traditional beehive symbol, in March of 2024?

- A. Colorado
- B. Nevada
- C. Utah
- D. Idaho

22. The flag shown here was flown at the 1835 Battle of Gonzales during the independence struggle of what future US state?

- A. Texas
- B. California
- C. Vermont
- D. Maine

23. The flags of the disputed territory of Kurdistan and the nation of Tajikistan share a color scheme and sub-family with the flag of what nation seen here?

- A. Afghanistan
- B. Iran
- C. Saudi Arabia
- D. Qatar

24. The circle of stars on the flag of the European Union was inspired by the Woman of the Apocalypse from what prophetic book of the New Testament of the Bible?

- A. Acts of the Apostles
- B. Revelation
- C. Mark
- D. Matthew

25. Which of these is NOT an event represented by a star on the flag of Chicago?

- A. the 1986 Chicago Bears Super Bowl victory
- B. the Great Chicago fire of 1871
- C. the World's Columbian Exposition of 1893
- D. the founding of Fort Dearborn on the site of Chicago

26. Flags in the tricolor family are those that are modeled after what national flag shown here?

- A. the Netherlands
- B. Russia
- C. France
- D. Paraguay

27. The flag shown here represents what Dutch-speaking northern region of Belgium?

- A. Wallonia
- B. Brussels
- C. Belgian Luxembourg
- D. Flanders

28. The temple of Angkor Wat features prominently on the flag of what Southeast Asian nation?

- A. Thailand
- B. Cambodia
- C. Laos
- D. Vietnam

29. The flag of Chad, shown here, is basically identical to the flag of what European nation?

- A. Romania
- B. North Macedonia
- C. Croatia
- D. Serbia

30. The design shown here, featuring a 'North Star' design, will become the official flag of what northern US state in May of 2024?

- A. South Dakota
- B. Minnesota
- C. Wisconsin
- D. Michigan

Questions 31-50 are NOT attached to images.

31. The colors of Ethiopian war pennants inspired many African nations, including the modern nation of Ethiopia, to use what three colors in their flags?

- A. red, white and blue
- B. red, green, and yellow
- C. black, white, and gold
- D. yellow, blue, and white

32. The only square national flags in the world belong to Switzerland and what European microstate?

- A. Andorra
- B. Vatican City
- C. Monaco
- D. San Marino

33. The only US state flag that contains the image of a president is which of the following?

- A. New York
- B. Ohio
- C. Illinois
- D. Washington

34. What East African nation has a green, red, and black flag that prominently features a Maasai shield and crossed spears?

- A. Angola
- B. Morocco
- C. Kenya
- D. Seychelles

35. What national flag is often unofficially called 'l'Unifolié' or 'the one-leafed' due to its most distinctive feature?

- A. Canada
- B. Brazil
- C. Comoros
- D. Angola

36. The flag of Mozambique is the only national flag in the world to feature what unique item?

- A. a ship
- B. a sword
- C. a machine gun
- D. a star

37. The reverse of Oregon's state flag has an image of what state animal, also the mascot of Oregon State University?

- A. black bear
- B. beaver
- C. bison
- D. blue jay

38. Liberia's flag, which features eleven horizontal stripes and a single star in the upper left corner, bears a close resemblance to the flag of what nation that has close historical ties to Liberia?
- the UK
  - France
  - Germany
  - the US
39. What mountainous South Asian nation has the world's only non-rectangular national flag?
- Pakistan
  - Bangladesh
  - Sri Lanka
  - Nepal
40. Appropriately, the flag of the US Virgin Islands contains the letters 'V' and 'I' along with what bird?
- turkey
  - condor
  - bald eagle
  - flamingo
41. States like Georgia and Mississippi have changed their state flag designs during the 21<sup>st</sup> century to remove what controversial symbol?
- the Confederate battle flag
  - images of Jefferson Davis
  - images of conquered Native Americans
  - guns or rifles
42. The flags of Iran, Iraq, and Saudi Arabia are the only national flags that are mandated to be raised or hoisted in what way, partly because they contain Arabic script?
- from the top
  - upside down
  - from the right
  - from the left
43. The flag of Kyrgyzstan contains a depiction of a tunduk in its center, which is the term for the top opening in what type of traditional nomadic tent?
- bivouac
  - yurt
  - whymper
  - tipi
44. Which of these national flags does NOT have a green, white, and orange color scheme?
- Ireland
  - Ivory Coast
  - the Netherlands
  - Niger
45. Historically, what has been the main reason for changes to be made to the US flag?
- changes between political parties in the government
  - the admission of new states
  - victories in major wartime battles
  - the election of a new president
46. What sparsely populated nation of Oceania has a flag that features a rising sun over blue and white waves?
- New Zealand
  - Papua New Guinea
  - Vanuatu
  - Kiribati
47. The 'stars and stripes' family of flags includes both the United States and what Caribbean nation?
- Trinidad and Tobago
  - Panama
  - Jamaica
  - Cuba
48. What sovereign enclave's flag features a horizontal blue, white, and green tricolour with a black traditional hat called a mokorotlo in its center?
- Lesotho
  - Eswatini
  - Andorra
  - Monaco
49. The state flag of Louisiana features what state bird piercing its chest to feed its young?
- bald eagle
  - pelican
  - cardinal
  - robin
50. Mexico's flag features its national crest, which shows an eagle eating what other animal?
- jaguar
  - mouse
  - snake
  - hawk
- Questions 51-70 refer to the maps in the resource section.
- Questions 51-60 refer to Map 1.
51. The map shown here is what type, that depicts detailed information about landforms and relief features?
- climatic
  - topographic
  - political
  - thematic

52. The lines on this map that connect points of equal elevation are known by what name?

- A. contour lines
- B. cadasters
- C. choropleths
- D. grid lines

53. Based on the information in the map, what is the difference in elevation between the lines on the map?

- A. 10 meters
- B. 2 meters
- C. 1 meter
- D. 0.1 meters

54. Based on the information on the map, what is the height difference between Mound II and Mound III?

- A. 3 meters
- B. 2.1 meters
- C. 1.5 meters
- D. they are the same height

55. Based on the information on the map, which of these is true of the heights of Mound V and Mound III?

- A. Mound III is at a higher elevation than Mound V
- B. Mound V is at a higher elevation than Mound III
- C. the two mounds are the same height
- D. it is impossible to know their relative heights based on the information shown

56. Which of the areas shown was excavated in 2011?

- A. Mound V
- B. Mound III
- C. Mound II
- D. Mound I

57. Which of the areas shown did NOT have a test pit made in 2010?

- A. Mound II
- B. Mound III
- C. Mound IV
- D. Mound V

58. Roughly how far is the test pit on Mound III from the test pit on Mound I?

- A. 200 meters
- B. 100 meters
- C. 60 meters
- D. 25 meters

59. Which of these best describes the relative location of Mound II in relation to Mound I?

- A. it is roughly 60 meters southeast of Mound I
- B. it is roughly 150 meters southeast of Mound I
- C. it is roughly 60 meters northwest of Mound I
- D. it is roughly 150 meters northwest of Mound I

60. Which of these areas of the map shows the LOWEST elevation?

- A. the southwest corner
- B. the northwest corner
- C. the center near Mound I
- D. the area near Mound II

Questions 61-70 refer to Map 2.

61. Which of these is a distinguishing feature of the type of map seen here?

- A. it does not show actual places
- B. it provides exact locations in the city
- C. it shows distances between stations exactly
- D. it eliminates unnecessary details

62. This type of map, which includes many subway maps, is known by which of the following terms?

- A. plat map
- B. political map
- C. topological map
- D. physical map

63. Which of these is the MOST important feature of a subway map like this?

- A. the orders of the stops and the interconnections between lines
- B. the locations of various landmarks in the city
- C. the directions of each of the trains and lines
- D. the distance between stops and individual lines

64. According to the map key, which of these distinguishes an express station on this map?

- A. a larger font size
- B. bold text
- C. a different font
- D. a triangle instead of a circle

65. According to the map, which of these trains does NOT go to the Bronx?

- A. the 1 train
- B. the 4 train
- C. the 7 train
- D. the B train

66. Which of the Blue Line trains goes across the East River into Queens?

- A. the A train
- B. the C train
- C. the E train
- D. none of the Blue Line trains cross the East River

67. According to the map, which train would take you to the Columbia University stop on 116<sup>th</sup> Street?

- A. the 6 train
- B. the 4 train
- C. the 3 train
- D. the 1 train

68. If you board the train at the 34<sup>th</sup> Street / Hudson Yards stop, which of these stops can you reach without switching trains?

- A. Hunters Point Avenue
- B. 34<sup>th</sup> Street / Penn Station
- C. West 4<sup>th</sup> Street / Washington Square
- D. 34<sup>th</sup> Street / Herald Square

69. According to the map, how far away is the Roosevelt Island stop from the 57<sup>th</sup> Street stop on the F Train?

- A. 3 miles
- B. 2 miles
- C. 1 mile
- D. the map does not have a scale for exact distance

70. The airport bus on this map follows which of these streets across most of Manhattan?

- A. Madison Avenue
- B. Broadway
- C. 125<sup>th</sup> Street
- D. 5<sup>th</sup> Avenue

Questions 71-75 are general questions about maps and cartography. There are no images attached to these questions.

71. Which of these is the main advantage of the Mercator projection?

- A. it provides constant lines of navigation for ships
- B. it accurately shows continents
- C. it is accurate at the poles
- D. it accurately shows distances all across the world

72. Choropleth maps use which of these to represent sets of data?

- A. lines
- B. dots
- C. color
- D. special symbols

73. A bathymetric chart is a type of map that shows which of these?

- A. atmospheric patterns like the jet stream
- B. seafloor terrain and selected depths
- C. fault lines and earthquake zones
- D. wildlife migration patterns

74. Dr. John Snow, a pioneer of epidemiology, used superimposition of geographic data on London street maps to track which of these in the 1850s?

- A. a serial killer
- B. the arrival of immigrants into the city
- C. the location of pollution from factories
- D. the source of a cholera outbreak

75. On a map, functional symbols, which represent the activity that takes place at the represented feature, might use a tent to represent which of these?

- A. a hotel
- B. a ski resort
- C. a state park
- D. a fishing area

## Tiebreaker

This question will only be scored if there is a tie for placement on the exam. **This is a required question, but there is no penalty for a wrong answer to this question.**

Write your answer legibly in the space provided on your scantron.

For how many days was the version of the United States flag with 49 stars the official flag of the US?