



Esri EAPA_2025 Practice Questions

Shared by Herman on 14-10-2026

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Question 1

Question Type: MultipleChoice

In ArcGIS Pro, a GIS analyst adds a mosaic dataset to a map and notices that the entire mosaic area is covered with a black and white checkerboard.

Which tool should the analyst use to make the images visible in the map as part of the mosaic dataset?

Options:

- A- Define Overviews
- B- Build Pyramids
- C- Repair Mosaic Dataset Paths

Answer:

C

Question 2

Question Type: MultipleChoice

A GIS technician wants to perform spatial analysis for an area of interest extending in an east-to-west orientation. The technician needs to preserve the shape of the data.

Which projection should the technician use to minimize distortion?

Options:

- A- Transverse Mercator
- B- Lambert conformal conic
- C- Hotine oblique Mercator

Answer:

B

Question 3

Question Type: MultipleChoice

A cartographer wants to create a printable map using a predefined layout that meets their organization's branding guidelines.

Which method is the most efficient for the cartographer's needs?

Options:

- A- Utilize a layout file as a layout template
- B- Insert branded items to a new layout
- C- Export a layout to a graphics software

Answer:

A

Question 4

Question Type: MultipleChoice

A GIS analyst has various datasets, maps, database connections, and toolboxes. The analyst plans on sharing this to their ArcGIS Online organization for easy access by coworkers.

Which package should be shared to the analyst's ArcGIS Online organization to facilitate collaboration by a coworker?

Options:

- A- Mobile map package
- B- Map package
- C- Project package

Answer:

C

Question 5

Question Type: MultipleChoice

A GIS analyst receives a dataset of precipitation change over the past five years, by country, for the entire world. The analyst is creating a map that will display this information. A requirement of the map is to preserve the area of each country.

Options:

- A- Mercator
- B- Equal Earth
- C- Robinson

Answer:

B

Question 6

Question Type: MultipleChoice

A GIS analyst has an electrical line feature class that contains attributes such as wire gauge and amperage. The analyst wants to limit acceptable values during the editing process for amperage based on the choice of wire gauge.

Options:

- A- Calculation rule
- B- Constraint rule
- C- Validation rule

Answer:

B

Question 7

Question Type: MultipleChoice

A land surveyor downloads an Excel sheet from the city website that contains the updated land cover codes with over 30 classes.

Which tool will help the surveyor update their existing land cover data to the new codes?

Options:

- A- Classify Raster
- B- Reclass By Table
- C- Reclassify Field

Answer:

A

Question 8

Question Type: MultipleChoice

A GIS analyst is performing spatial analysis of an area in the mid-latitudes of the Northern Hemisphere. The analysis must maintain area measurements that are as true as possible for the results.

In ArcGIS Pro, what map projection should the analyst Select to ensure the most accurate representation of the results?

Options:

- A- Mercator
- B- Lambert conformal conic
- C- Albers

Answer:

B

Question 9

Question Type: MultipleChoice

Which tool should be used to set the coordinate system of a raster dataset that is currently unknown?

Options:

- A- Project
- B- Define Projection
- C- Project Raster

Answer:

B

Explanation:

Reference Topics Covered:

- * ArcGIS Pro -- Data Management Defining spatial reference
- * ArcGIS Pro -- Raster Functions and Georeferencing Workflows
- * ArcGIS Pro -- Geoprocessing Tool Help (Define Projection vs Project Raster)
- * ArcGIS Pro Certification Study Guide -- Data Management Domain

Question 10

Question Type: MultipleChoice

A GIS analyst has a buildings feature class. The analyst needs to show the type of building, such as commercial or residential, and extrude the buildings based on height.

Which symbology type should the analyst use to produce the required output?

Options:

- A- Attribute-driven
- B- Bivariate colors
- C- Dictionary

Answer:

A

Question 11

Question Type: MultipleChoice

A GIS analyst needs to examine the metadata of a feature class not in the map to make sure the thumbnail graphic is current.

What is the recommended workflow to view the metadata feature class?

Options:

A- In the Contents pane > Right-click the feature layer > Select View Metadata

B- In the Contents pane > Select the feature layer > From the View tab, click Catalog View

C- In the Catalog pane, expand the geodatabase > Right-click the feature class > Select View Metadata

Answer:

C

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