



**Vendor:** Esri

**Exam Code:** EADA10

**Exam Name:** ArcGIS Desktop Associate 10.0

**Version:** DEMO

#### QUESTION 1

When should an ArcGIS user change the reference scale of an existing map annotation?

- A. when the user adds a scale bar to the map layout
- B. when the user brings data into the map that has a projected coordinate system
- C. when the user creates a new feature linked annotation feature class and adds it to a new data frame for editing
- D. when the user uses the same map template to create a second map that contains data from a different geographic area

**Answer:** BC

#### QUESTION 2

An ArcGIS user wants to share layer and attribute information in a map document with a colleague who does NOT have ArcGIS Desktop

The ArcGIS user must export in which format in order for the colleague to view the information?

- A. PDF
- B. SVG
- C. PNG
- D. BMP

**Answer:** A

**Explanation:**

[http://help.arcgis.com/en/arcgisdesktop/10.0/help/index.html#//00sm00000007000000\(third paragraph\)](http://help.arcgis.com/en/arcgisdesktop/10.0/help/index.html#//00sm00000007000000(third%20paragraph))

#### QUESTION 3

Which two factors should be considered when determining appropriateness of a dataset for a task? (Choose two)

- A. display colors
- B. scale of data
- C. geometry type
- D. feature class names
- E. configuration keywords

**Answer:** BD

**Explanation:**

<http://www.esri.com/library/bestpractices/earthquakes.pdf>(page 42, 43, Quality and Appropriateness)

#### QUESTION 4

What can cause bitmapped, banded, or low-quality display printed maps?

- A. high output resolution
- B. High Output Image Quality (OIQ)
- C. transparent symbology
- D. TrueType fonts

**Answer:** C

**Explanation:**

<http://support.esri.com/en/knowledgebase/techarticles/detail/17332>

#### QUESTION 5

An ArcGIS user is working with a CAD polyline feature class. It is comprised of a Feature\_Type field containing water main features and a RefName field, which may contain a valve type or may be NULL.

How can this user build a query to isolate Water Main features containing a valid valve type?

- A. "Feature\_Type" = 'Water Mains' AND "RefName" <> 'Null'
- B. "Feature\_Type" = Water Mains AND "RefName" NOT Null
- C. "Feature\_Type" = 'Water Mains' AND "RefName" IS NOT Null
- D. "Feature\_Type" = 'Water Mains' AND "RefName" <> IS Null

**Answer:** A

#### QUESTION 6

How does a geodatabase topology ensure data integrity and maintain the spatial relationships between features?

- A. specifies a valid set of topological values for an attribute
- B. groups records in a feature class, based on an attribute field
- C. validates the features of a geodatabase against a set of topology rules
- D. enforces referential integrity between a feature class and a related feature class

**Answer:** C

**Explanation:**

<http://www.esri.com/library/whitepapers/pdfs/geodatabase-topology.pdf>(page 5, overview)

#### QUESTION 7

An ArcGIS user wants to automate a process in ModelBuilder to determine the number of points that are located in polygons.

Which tool should be used for this process?

- A. Point Distance geoprocessing tool
- B. Spatial Join geoprocessing tool
- C. Select by Attributes ArcMap tool
- D. Intersect Points geoprocessing tool

**Answer:** B

**Explanation:**

<http://www.gistutor.com/esri-arcgis/18-advanced-arcgis-tutorials/43-arcgis-model-builder.html>

#### QUESTION 8

Which coordinate system is appropriate for storing a worldwide scale dataset using measures of latitude and longitude, while also allowing for the data to be easily projected for editing and analysis at a local level?

- A. Universal Transverse Mercator

- B. Geographic
- C. Geocentric
- D. Projected

**Answer: A**

**QUESTION 9**

An ArcGIS user performed a spatial transformation to adjust a less accurate Dataset A to match with a more accurate Dataset B. The Spatial Transformation tool reported a low root mean square error (RMS).

What does this indicate?

- A. The transformation between the control points is consistent
- B. Too many control points were selected
- C. The accuracy of Dataset A is high
- D. The accuracy of the output transformed dataset is high

**Answer: A**

**QUESTION 10**

An ArcGIS user is working in the field collecting elevation values along a hiking trail. What must be done when creating the trail feature class to store the elevation values?

- A. set the tolerance to greater than .001
- B. add a field called Elevation and make the geometry type Double
- C. assign the feature class a projected coordinate system in units of meters
- D. make the feature class z-enabled

**Answer: D**

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