Vendor: ESRI

Exam Code: EADA10

Exam Name: ArcGIS Desktop Associate

Version: Demo

QUESTION 1
Which two spatial query operators will select point features that are surrounded by polygon features?
(Select two)

A. Completely Contain
B. Are Completely Within
C. Share a Line Segment With
D. Intersect
E. Touch the Boundary Of

Correct Answer: AD

QUESTION 2
Which limit is set for file geodatabase name length for ArcGIS Desktop?

A. no limit
B. limited to 32 characters
C. limited to 255 characters
D. limited to the number of characters the operating system allows in a folder name

Correct Answer: C

QUESTION 3
Which tool from the ArcGIS System toolbox allows the option to create a schema-only layer package (lpk)
in ArcGIS Desktop?

A. Package Layer
B. Export Replica Schema
C. Package Map
D. Create Schematic Folder

Correct Answer: A

QUESTION 4
An ArcGIS user is analyzing an earthquake dataset to investigate the relationship between magnitude and
duration of incidents. The user displays magnitude on an x-axis and duration on a y-axis.

Which type of graph is the user employing?

A. box plot
B. histogram
C. scatter plot
D. bar

Correct Answer: A

QUESTION 5
An ArcGIS user is required to create a new feature class output of rivers of California Currently, the user
has a feature class of the USA rivers and a feature class of the California state boundary.

Which process would generate the necessary output?

A. Union tool with the USA rivers and California state boundary selected for input features
B. Clip tool with the USA rivers as input features and California state boundary as clip features
C. Union tool with the USA rivers as input and California state boundary as output feature class
D. Clip tool with the California state boundary as input features and USA rivers as clip features

Correct Answer: B

QUESTION 6
An ArcGIS user creates a locator from a polyline feature class that exists in a feature dataset.

Where can the locator be saved?

A. in a feature dataset
B. in a Windows folder
C. in a topology dataset
D. in a feature class

Correct Answer: D

QUESTION 7
The ArcGIS user works with a map document that contains a very detailed image that takes several seconds to draw when panning.

Which action can the ArcGIS user take that will improve the performance when panning in ArcMap?

A. put the image layer in a group laver
B. set the reference scale on the image layer
C. put the image laver in a basemap layer
D. make the image layer selectable

Correct Answer: D

QUESTION 8
An ArcGIS user has two feature classes. One is spatially inaccurate but contains accurate tabular data, the other is spatially accurate but contains inaccurate tabular data. The ArcGIS user needs a single feature class that is spatially and tabularly accurate

Which tool should the ArcGIS user employ to accomplish this?

A. Join Field
B. Attribute Transfer
C. Copy Features
D. Load Data

Correct Answer: A

QUESTION 9
When is a transformation required while projecting data?

A. when the input data source is a network
B. when the input and output geographic coordinate systems are different
C. when the input and output spatial references are different
D. when the input feature class has an unknown spatial reference

Correct Answer: B

QUESTION 10
An ArcGIS user is working within a map document and has realized that the Table of Contents is no longer available. Which menu must the user choose to add the Table of Contents to his map document?

A. Insert menu
B. View menu

C. Edit menu
D. Windows menu
E. Add menu

Correct Answer: D

QUESTION 11
An ArcGIS user is calculating the mean slope per watershed using the Block Statistics geoprocessing tool. Which ArcGIS Desktop extension should be enabled to use this tool?

A. Geostatistical Analyst
B. Spatial Analyst
C. Network Analyst
D. Schematics

Correct Answer: B

QUESTION 12
Which two actions can be taken to repair an.mxd file with broken data sources in ArcMap? (Choose two)

A. right click the layer(s) in the Table of Contents and select Repair Data Source
B. repair the layer sources in the Map Document Properties
C. use the Repair Data Sources geoprocessing tool
D. use the Set Data Source option from Layer Properties

Correct Answer: AD

QUESTION 13
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

Correct Answer: BC

QUESTION 14
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

Correct Answer: A

QUESTION 15
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

Correct Answer: BC

QUESTION 16
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

Correct Answer: C

QUESTION 17
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 tins 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

Correct Answer: A

QUESTION 18
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

Correct Answer: C

QUESTION 19
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

Correct Answer: B

QUESTION 20
Given a layer called Counties with the following relevant attributes:

What is the correct WHERE clause syntax for Select by attributes tool that should be used to find all the Counties with a population greater than 50000 and less than 100000 in state of Florida in year 2008?

A. ("Counties.POP2008" > 50000 AND < 100000) AND "Countries.STATE_NAME" = `Florida'
B. ("Counties.POP2008" > 50000 AND "Counties.POP2000" < 100000) AND "Counties.STATE_NAME" = `Florida'
C. ("Counties.POP2008" > 50000 AND "Counties.POP2008" < 100000 AND "Counties.STATE" `Florida')
D. ("Counties.POP2008" > 50000 AND "Counties.POP2008" < 100000) AND "Counties.STATE_NAME" = `Florida'

Correct Answer: D

QUESTION 21
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

Correct Answer: A

QUESTION 22
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

Correct Answer: A

QUESTION 23
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

Correct Answer: D

QUESTION 24
An ArcGIS user has a single long line that is intersected by many other lines. The user wants to split the long line at each intersection.

Which tool allows the user to perform this in a single step?

A. Split
B. Planarize Lines
C. Line Intersection
D. Trim

Correct Answer: C

QUESTION 25
When starting an edit session in ArcMap the ArcGIS user is unable to locate the geodatabase feature class in the Start Editing list.

Why does the layer fail to show up in the Start Editing list?

A. The data layer is set as unselectable in the Table of Contents
B. The data loaded in the map is from a read-only source
C. The data is in a different spatial reference than the data frame
D. A spatial index must first be built for the data

Correct Answer: B

QUESTION 26
How is a coordinate system changed in a data frame to match the coordinate system of a desired layer contained within?

A. The desired layer must be reloaded to the map document (.mxd) in order to inherit the coordinate system
B. The coordinate system must be saved as a projection file (.prj) and imported to the data frame
C. The layer can be selected in the Coordinate System tab and selected as the data frame spatial reference
D. The data frame can be set to inherit the coordinate system using the Project tool

Correct Answer: C

QUESTION 27
An ArcGIS User has a faster dataset that represents continuous data. When added to the map, the raster appears dark and grainy.

Which process should the ArcGIS user perform to visually enhance the appearance of the raster?

A. contrast stretch
B. adjust transparency
C. increase brightness
D. modify RGB composite

Correct Answer: A

QUESTION 28
An ArcGIS user wants to create a stand-alone table in a geodatabase that will contain additional information about land parcels. The parcels reside in an existing feature dataset.

Where will this table reside in the geodatabase?

A. within the same feature dataset as the parcel feature class
B. within the geodatabase at the root level
C. within a newly created feature dataset
D. within a new network dataset

Correct Answer: A

QUESTION 29
An ArcGIS user is creating a label that contains records from two fields. The fields will be stacked one on top of the other. Which expression provides this result?

A. "[FieldA]" vbNewLine "[FieldB]"
B. [FieldA] "vbNewLine" [FieldB]

C. [FieldA] & vbNewLine & [FieldB]

D. [FieldA] vbNewLine [FieldB]

Correct Answer: C

QUESTION 30
An ArcGIS user is responsible for updating a coastline feature class to reflect changes due to erosion. Which edit tool is recommended to update this feature class?

A. Copy Parallel

B. Trace Feature

C. Split

D. Reshape Feature

E. Trim Line

Correct Answer: D

QUESTION 31
Where is a relate between a layer attribute table and another table saved?

A. the feature class

B. a table

C. a map document

D. an exported file

Correct Answer: C

QUESTION 32
An ArcGIS user wants to display only values for the selected features in an attribute table in reverse alphabetical order (z to A) using the values CityName field.

Which method will give the desired results?

A. Right-click the CityName field, choose Sort Descending, click Show Selected Records

B. Right-click the CityName field, choose Sort Descending, click Summarize

C. Highlight the CityName field, from General Tabular Operations menu, choose Sort Descending: click switch Selection

D. Highlight the CutyName field, from General Tabular Operations menu, choose Sort Descending: choose Show Selection

Correct Answer: A

QUESTION 33
A coded value domain provides which two benefits for attribute editing? (Choose two)

A. It specifies valid values for an attribute

B. It stores rules for attribute display

C. It displays a user-friendly description

D. It validates all attributes in a given table

Correct Answer: A

QUESTION 34
An ArcGIS user creates a model that includes the Clip tool and wants the x.y tolerance set as 500 feet in the environment setting.

What is the minimum environment setting level to override the default settings?

A. application-level settings
B. tool-level settings
C. model-level settings
D. program-level settings

Correct Answer: C

QUESTION 35
Which ArcGIS Desktop extension can be used to create a map with advanced label placement options?

A. Network Analyst
B. Schematics
C. 3D Analyst
D. Publisher
E. Maplex

Correct Answer: E

QUESTION 36
A client requests a map of a project area and wants to view the data in ArcReader. What is a valid way for the ArcGIS user to share the project area with them?

A. save to shapefile and distribute
B. export to ArcSDE XML replica and distribute
C. export to PDF and distribute
D. save as PMF and distribute

Correct Answer: D

QUESTION 37
Given a feature class of an advancing wild fire, which analysis should be used to prepare a map showing the progression of wild fire?

A. Proximity
B. Overlay
C. Temporal
D. Statistical

Correct Answer: C

QUESTION 38
An ArcGIS user is creating a map, and wants the point symbols used in a feature layer to scale as the user zooms in or out.

Which property must the user set in order to enable this functionality?

A. the reference scale for the data frame
B. the reference scale for the layer
C. the reference scale for the map document
D. the reference scale of the Layout view

Correct Answer: B

QUESTION 39
An ArcGIS user has a feature class of utility poles and a feature class containing transformers. If a utility pole is deleted the ArcGIS user wants all of its associated transformers to be deleted as well.

Which type of association will allow the ArcGIS user to accomplish this task?

A. join
B. spatial join
C. relate
D. relationship class

Correct Answer: C

QUESTION 40
Which element is required for creating Data Driven Pages?

A. page number
B. sort field
C. spatial reference
D. rotation

Correct Answer: B

QUESTION 41
In ArcMap, an ArcGIS user has turned off the display of only one table field in a layer attribute table. Now the ArcGIS user needs to display all the table fields.

Which two methods will turn on the display of the field? (Choose two)

A. from Layer Properties, click the Fields tab check the hidden field in the "Choose which fields will be visible" list
B. open the attribute table, click General tabular operations choose Turn on all fields
C. open the attribute table right click any visible field choose Turn on all fields
D. from Layer Properties click the Display tab choose Display all fields

Correct Answer: AB

QUESTION 42
An ArcGIS user is editing a feature class containing parcel data. One of the fields within the table stores the zoning information for each parcel using a coded value domain. How does the user enter this data into the Attributes window to update the zoning information for a parcel?

A. type in the zoning code
B. type in the zoning description
C. select the zoning code from a drop-down list
D. select the zoning description from a drop-down list

Correct Answer: D

QUESTION 43
Which two methods are valid for calculating the values of a field using a calculation expression? (Choose two)

A. If more than one field is selected, the calculation can be applied to each field.
B. For VB calculations, field names must be enclosed in square brackets [ ]
C. If any records are currently selected in the table, only the selected records will be calculated
D. For Python calculations, field names must be enclosed in double quotes" "

Correct Answer: BC

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