Feedback — Module 3 Quiz

Thank you. Your submission for this quiz was received.

You submitted this quiz on **Wed 12 Aug 2015 10:10 PM PDT**. You got a score of **28.00** out of **28.00**.

Question 1

Where are basic analyses you can perform found in the Galaxy interface?

Your Answer		Score	Explanation
○ Data Libraries			
○ The History			
○ The Workflow Tab			
◉ The Tool Panel	✔	1.00	
Total		1.00 / 1.00	

Question 2

Where are the datafiles and output of analysis you have performed located in the Galaxy interface?

Your Answer	Score	Explanation
○ The Workflow Tab		
○ The Tool Panel		
○ Data Libraries		

● The History	✔	1.00

Total		1.00 / 1.00

Question 3

Where can I find tools that download or upload data to Galaxy?

Your Answer	Score	Explanation
○ In the Galaxy History		
○ The Workflow Tab		
○ Shared Data tab in Galaxy's top navigation bar		
● Get Data in the tool panel	✔ 1.00	
Total		1.00 / 1.00

Question 4

What file format was used for both the exon and repeat data in the exercise?

Your Answer	Score	Explanation
○ GFF file format		
○ FASTA file format		
○ TXT file format		
● BED file format	✔ 1.00	
Total		1.00 / 1.00

Question 5

What information is not contained within a BED file?

Your Answer	Score	Explanation
◯ A name for each feature		
◯ Position on chromosome for each feature		
◉ The genome the feature belongs to	✔ 1.00	
◯ The strand on which the feature is encoded		
Total	1.00 / 1.00	

Question 6

What does the "Operate on Genomic Intervals: Join" tool do?

Your Answer	Score	Explanation
◉ Join overlapping region from two or more datasets	✔ 1.00	
◯ Combine overlapping regions within a single dataset		
◯ Match rows in one or more datasets that share the same key		
◯ Combine regions that are located close to each other along the chromosome		
Total	1.00 / 1.00	

Question 7

What question are we trying to answer using the exon and repeat data?

Your Answer	Score	Explanation
○ How many exons in each gene?		
○ Which exons overlap a repetitive element?		
⦿ How many repeat regions overlap each exon region?	✔ 1.00	
○ How many exons overlap each repeat region?		
Total	1.00 / 1.00	

Question 8

Which of the following can be done with the group tool?

Your Answer	Score	Explanation
○ Combine columns based on common values		
⦿ Count the occurrence of each record or data field within a file	✔ 1.00	
○ Identify datasets with similar characteristics		
○ Combine datasets based on similar fields		
Total	1.00 / 1.00	

Question 9

How does Galaxy assist in the reproducibility of analysis?

Your Answer	Score	Explanation
⦿ All of these options	✔ 1.00	
○ Archives data from external databases that may change		

○ Allows repeating the entire analysis

○ Automatically maintains records of tools and parameters

Total	1.00 / 1.00

Question 10

The "pencil" icon in the Galaxy history allows you to do all but

Your Answer		Score	Explanation
⦿ Edit a dataset's contents	✔	1.00	
○ Modify metadata about a datasets			
○ Provide an annotation for a datasets			
○ Modify the name of a datasets			
Total		1.00 / 1.00	

Question 11

The file Quiz3_Genes.bed contains locations of how many transcripts?

Your Answer		Score	Explanation
○ 1810			
○ 1510			
○ 1620			
⦿ 1720	✔	1.00	
Total		1.00 / 1.00	

Question 12

The file Quiz3_Genes.bed contains locations of how many genes?

Your Answer		Score	Explanation
⦿ 1510	✔	1.00	
○ 1810			
○ 1320			
○ 1620			
Total		1.00 / 1.00	

Question 13

What is a workflow?

Your Answer	Score	Explanation
○ A tutorial for analyzing a type of data		
○ A summary of the provenance of a given piece of data		
○ A description of how to carry out an analysis on a specific dataset		
⦿ An abstract representation of a multi-step analysis ✔	1.00	
Total	1.00 / 1.00	

Question 14

How can a workflow be added to a Galaxy instance?

Your Answer	Score	Explanation
⦿ All of these options	✔ 1.00	
◯ Import a workflow from a file		
◯ Create a new workflow from scratch with the workflow editor		
◯ Create a workflow from an existing history		
Total	1.00 / 1.00	

Question 15

Which of the following statements is true?

Your Answer	Score	Explanation
◯ Files can be uploaded as part of running a workflow		
⦿ Galaxy allows sending workflow data to a new history	✔ 1.00	
◯ Workflows cannot run multiple tools in parallel		
◯ A workflow can only operate on one type of data		
Total	1.00 / 1.00	

Question 16

Which are advanced options available in workflows?

Your Answer	Score	Explanation
⦿ Both of these options	✔ 1.00	
◯ Rename output datasets		

○ Neither of these options

○ Hide datasets that represent intermediate steps

Total		1.00 / 1.00

Question 17

Which of the following is true of tags?

Your Answer		Score	Explanation
○ They can only be attached to datasets			
⦿ An item can have more than one of them	✔	1.00	
○ They can contain arbitrary free form text			
○ They can only be created by a Galaxy administrator			
Total		1.00 / 1.00	

Question 18

Which of the following is true of annotations?

Your Answer		Score	Explanation
○ They can only be created by a Galaxy administrator			
⦿ They can contain arbitrary free form text	✔	1.00	
○ An item can have more than one of them			
○ They can only be attached to datasets			
Total		1.00 / 1.00	

Question 19

Which of the following is true of tags and annotations?

Your Answer	Score	Explanation
⚪ They allow users to provide additional information about entities in Galaxy		
⚪ They can be used for search		
🔘 All of these options	✔ 1.00	
⚪ They can be attached to Datasets, Histories, and Workflows		
Total	1.00 / 1.00	

Question 20

What does it mean to share a galaxy history?

Your Answer	Score	Explanation
⚪ Make the history automatically available on any Galaxy server		
⚪ Automatically send an email/tweet/facebook with a link to it		
🔘 Only certain users will be able to access it	✔ 1.00	
⚪ Make is possible to download an entire history		
Total	1.00 / 1.00	

Question 21

What does it mean to publish a galaxy history?

Your Answer	Score	Explanation
⚪ Post it on social media (twitter/facebook)		
⦿ The history will be listed in a central, public place within Galaxy and all users can access it	✔ 1.00	
⚪ Email the history		
⚪ Post it on a blog		
Total	1.00 / 1.00	

Question 22

What do you need to share a history with just one user?

Your Answer	Score	Explanation
⚪ It cannot be done; a history can only be shared with all users		
⚪ Galaxy administrator access		
⚪ Access to a server where the data can be uploaded to		
⦿ The email associated with the user's Galaxy account	✔ 1.00	
Total	1.00 / 1.00	

Question 23

Who can see a history that's been made 'accessible'?

Your Answer	Score	Explanation

○ It is visible on the 'Published Histories' page so anyone that
clicks on the history name

⦿ Anyone who knows the URL (the browser address)   ✔   1.00

○ Only people I have given explicit permission

○ Only the person that owns (i.e., has created) this history

Total   1.00 /
                                                               1.00

Question 24

Where are published histories found on Galaxy?

Your Answer	Score	Explanation
○ All of these options		
○ In a Data Library		
○ On the Galaxy's wiki		
⦿ Shared Data -> Published Histories	✔ 1.00	
Total	1.00 / 1.00	

Question 25

What can you do if you no longer want a history to be accessible?

Your Answer	Score	Explanation
○ Rename the history		
○ It must be deleted		
○ Need to send an email to helpdesk and ask to make it private		

◉ From the same interface used to make it accessible: use the   ✔   1.00
'Share or Publish' link in the history options

Total   1.00 /
                                                                 1.00

Question 26

What do Galaxy pages allow you to do?

Your Answer	Score	Explanation
◯ Embed histories		
◉ All of these options	✔ 1.00	
◯ Add and format text		
◯ None of these options		
Total	1.00 / 1.00	

Question 27

Why can annotations be important in a Galaxy page?

Your Answer	Score	Explanation
◯ They are required to share the page with others		
◉ They can be used to describe why an analysis was performed in a particular way	✔ 1.00	
◯ They provide machine readable provenance information		
◯ They are needed to attach histories and workflow to a page		
Total	1.00 / 1.00	

Question 28

What are Data Libraries?

Your Answer		Score	Explanation
◉ Another way to share data and make it easy to find	✔	1.00	
○ Where all data that is shared by users can be found			
○ How you search through data you have created in Galaxy			
○ A way to get data from external databases			
Total		1.00 / 1.00	