Feedback — Module 3 Quiz

Thank you. Your submission for this quiz was received.

You submitted this quiz on **Wed 12 Aug 2015 9:58 PM PDT**. You got a score of **25.00** out of **28.00**. You can attempt again, if you'd like.

Question 1

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

Your Answer		Score	Explanation
○ Data Libraries			
○ The Workflow Tab			
● The Tool Panel	✔	1.00	
○ The History			
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 Tool Panel			
○ The Workflow Tab			
○ 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
◯ Shared Data tab in Galaxy's top navigation bar			
◯ The Workflow Tab			
◯ In the Galaxy History			
⦿ 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
◯ TXT file format			
◯ GFF file format			
◯ FASTA 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
◯ Position on chromosome for each feature		
◉ A name for each feature	✖ 0.00	
◯ The genome the feature belongs to		
◯ The strand on which the feature is encoded		
Total	0.00 / 1.00	

Question 6

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

Your Answer	Score	Explanation
◯ 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		
◉ Join overlapping region from two or more datasets	✔ 1.00	
Total	1.00 / 1.00	

Question 7

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

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

Question 8

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

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

Question 9

How does Galaxy assist in the reproducibility of analysis?

Your Answer	Score	Explanation
○ Allows repeating the entire analysis		
◉ All of these options	✔ 1.00	

○ Automatically maintains records of tools and parameters

○ Archives data from external databases that may change

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 the name of a datasets			
○ Provide an annotation for a datasets			
○ Modify metadata about 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			
◉ 1720	✔	1.00	
○ 1620			
○ 1510			
Total		1.00 / 1.00	

Question 12

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

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

Question 13

What is a workflow?

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

Question 14

How can a workflow be added to a Galaxy instance?

Your Answer	Score	Explanation
○ Import a workflow from a file		
◉ All of these options	✔ 1.00	
○ 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
○ A workflow can only operate on one type of data		
◉ Galaxy allows sending workflow data to a new history	✔ 1.00	
○ Workflows cannot run multiple tools in parallel		
○ Files can be uploaded as part of running a workflow		
Total	1.00 / 1.00	

Question 16

Which are advanced options available in workflows?

Your Answer	Score	Explanation
○ Hide datasets that represent intermediate steps		
○ Neither of these options		

○ Both of these options   ✔   1.00

○ Rename output datasets

Total	1.00 / 1.00

Question 17

Which of the following is true of tags?

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

Question 19

Which of the following is true of tags and annotations?

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

Question 20

What does it mean to share a galaxy history?

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

Question 21

What does it mean to publish a galaxy history?

Your Answer	Score	Explanation
◯ Email the history		
◯ 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	
◯ 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
◯ Access to a server where the data can be uploaded to		
◯ It cannot be done; a history can only be shared with all users		
◯ Galaxy administrator access		
◉ 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

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

○ Only people I have given explicit permission

○ 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

Total   1.00 /
                                                             1.00

Question 24

Where are published histories found on Galaxy?

Your Answer	Score	Explanation
○ In a Data Library		
○ On the Galaxy's wiki		
○ All of these options		
◉ 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
○ It must be deleted		
◉ From the same interface used to make it accessible: use the 'Share or Publish' link in the history options	✔ 1.00	
○ Need to send an email to helpdesk and ask to make it private		

○ Rename the history

Total	1.00 / 1.00

Question 26

What do Galaxy pages allow you to do?

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

Question 27

Why can annotations be important in a Galaxy page?

Your Answer	Score	Explanation
○ They are needed to attach histories and workflow to a page		
○ They are required to share the page with others		
⦿ They provide machine readable provenance information	✖ 0.00	
○ They can be used to describe why an analysis was performed in a particular way		
Total	0.00 / 1.00	

Question 28

What are Data Libraries?

Your Answer		Score	Explanation
○ A way to get data from external databases			
● Where all data that is shared by users can be found	✖	0.00	
○ Another way to share data and make it easy to find			
○ How you search through data you have created in Galaxy			
Total		0.00 / 1.00	