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Final Exam	
	You're ready for your final exam! Remember:
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Good luck! 1) Which of the following is a subset of the broad field of Information Design? Analytics O Vector graphics ○ jQuery 2) Louis Sullivan is quoted as saying, "Form ever follows _____." O design √ ● function O layout Opurpose 3) Successful information designs ______. $^{\bigcirc}$ are engaging $^{\bigcirc}$ are clarifying oprovide insight ✓ ● all of the above 4) Designing with a universal visual language in mind helps us to communicate to our audience by ______. simplifying our designs ✓ ● tapping in to innate ways we process visual information anticipating the audiences interests onone of the above 5) Some universal visual language elements to consider are ______. \circ size proximity ✓ ● all of the above 6) The visualization wheel can be used to _____. oreate a hierarchy choose the right kind of topic ✓ ● plan how to present information in a graphic guide reporting 7) The data-ink ratio, as described by Edward Tufte is found by dividing data-ink by ______. ✓ ● total ink used to print the graphic ochart ink decorative ink $^{\bigcirc}$ none of the above 8) Care should be taken when using circles to represent comparisons because ______. they can overlap they are not aesthetically pleasing ✓ ● circles represent data as area, which is two-dimensional they are hard to calculate 9) When choosing the kind of story to develop using visual language we should consider ______. that not all stories will lend themselves to visual explanation ○ finding a story in which visual presentation is necessary for understanding O letting reportage guide direction ✓

 all of the above 10) To separate the signal from the noise means to ______. Clean up audio files organize data sets report the story 11) Some steps to consider when creating an information graphic are to ______. oreate a hierarchy report the story sketch ✓

 all of the above 12) Ben Shneiderman defines the visual information seeking mantra as ______. ✓ ● overview first, zoom and filter, then details on demand. \bigcirc details first, then overview, then zoom and filter igcirc zoom and filter, then overview, then details on demand. $^{\bigcirc}$ none of the above 13) D3 stands for _____. O device driven data

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O data driven designs

O data data data

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FInal Exam | Information Design And Visualization Fundamentals Courseware | Gymnasium 14) SVG stands for _____. √

⑤ scalable vector graphic standard vector graphic scalable vector generator spline vector graphic 15) D3 is useful in its ability to attach _____ to SVG elements. o instructions functions O documents 16) The first version of the graphic was an interactive that let readers explore this data on their own. We ultimately decided to change directions because ______. 🗸 🌘 it was not a revealing form to explain why Rivera is great it was too difficult to build $^{\bigcirc}$ it had already been done many times \bigcirc none of the above 17) Autodesk Maya was used on the project to ______. oreate visual assets needed $^{\bigcirc}$ handle the data orender out artwork ✓

■ all of the above 18) The use of Python on this project was to ______. accurately create ball spins create a pitching mound ✓

■ load pitch trajectory data into Maya create heat maps 19) One of the problems with using choropleth maps to present election results data is that ______. ✓ ● the land area of any one color can be deceiving the results are hard to ascertain olors can be hard to differentiate O None of the above 20) One solution is the cartogram map. This map solves the problem by _____. shading states lighter or darker by importance ✓ ● turning states into squares and scaling them by electoral votes using more colors to convey importance ousing a bar chart instead You have used 1 of 2 submissions FINAL CHECK SAVE **CONGRATULATIONS!** Congrats on completing the course and passing the final exam. You really know your stuff! Now show off to your network by sharing your badge on LinkedIn. You can access it

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