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CSE 005 01

Summer 2020

**Lab 1 05: Working with DFDs**

Checkpoint Questions:

1.) DFD stands for **\_\_\_\_\_\_**

**data flow diagram**

2.) DFDs are commonly used by development teams that follow the object-oriented approach to systems analysis and design

**False**

3.) IPO stands for

**Input, Processing, and Output**

4.) Flowcharts and DFDs depict a sequential progression from a starting point to an ending point

**False**

5.) A \_\_\_\_\_ performs an operation that manipulates data.

**Process**

6.) A single DFD is typically used to depict an information system.

**False**

7.) A set of DFDs is organized by level of detail.

**True**

8.) On a DFD, explosions only take place within

**Processes**

9.) The top-level DF is referred to as the \_\_\_\_\_\_\_ DFD

**Context**

10.) A context DFD shows data stores

**False**

11.) CASE stands for \_\_\_\_\_\_\_\_\_

**Computer-aided software engineering**

12.) Premade diagram shapes are provided by most diagramming software packages

**True**

13.) Anchor points allow you to easily connect shapes with diagramming software

**True**

14.) Diagramming software does not allow you to maintain connections as shapes are moved.

**False**

15.) There is no way to link diagrams with diagramming software – you must make a notation of each link separately

**False**

16.) Only the \_\_\_\_\_\_\_\_ DFD should contain a single process.

**Context**

17.) You should provide at least two levels of DFDs as information system documentation

**True**

18.) A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ set of DFDs occur when the data flows coming into and coming out of a process at one level correspond to those at the next level of detail

**Balanced**

19.) A(n) \_\_\_\_\_\_\_\_\_\_\_\_ process has inputs, but no outputs

**Black Hole**

20.) A(n) \_\_\_\_\_\_\_\_\_ is a process that has output, but no input.

**Miracle**

21.) Create a context DFD and a Diagram 0 DFD for a video rental store. Use Gane/Sarson notation. Remember the store purchases as well as rents videos and DVDs. (5 Points)

