

# Chapter 4

## Systems Design: Process Costing

### Solutions to Questions

**4-1** A process costing system should be used in situations where a homogeneous product is produced on a continuous basis.

**4-2**

1. Job-order costing and process costing have the same basic purposes—to assign materials, labor, and overhead cost to products and to provide a mechanism for computing unit product costs.
2. Both systems use the same basic manufacturing accounts.
3. Costs flow through the accounts in basically the same way in both systems.

**4-3** Costs are accumulated by department in a process costing system.

**4-4** In a process costing system, the activity performed in a department must be performed uniformly on all units moving through it and the output of the department must be homogeneous.

**4-5** Cost accumulation is simpler under process costing because costs only need to be assigned to departments—not separate jobs. A company usually has a small number of processing departments, whereas a job-order costing system often must keep track of the costs of hundreds or even thousands of jobs.

**4-6** In a process costing system, a Work in Process account is maintained for each separate processing department.

**4-7** The journal entry would be:

Work in Process, Firing .....	XXXX
Work in Process, Mixing .....	XXXX

**4-8** The costs that might be added in the Firing Department include: (1) costs transferred in from the Mixing Department; (2) materials costs added in the Firing Department; (3) labor costs added in the Firing Department; and (4) overhead costs added in the Firing Department.

**4-9** Under the weighted-average method, equivalent units of production consist of units transferred to the next department (or to finished goods) during the period plus the equivalent units in the department's ending work in process inventory.

**4-10** A quantity schedule summarizes the physical flow of units through a department during a period. It serves several purposes. First, it provides information about activity in the department and also shows the stage of completion of any in-process units. Second, it provides data for computing the equivalent units and for preparing the other parts of the production report.

**4-11** In process costing a unit of product accumulates cost in each department that it passes through, with the costs of one department added to the costs of the preceding department in a snowballing fashion.

**4-12** The company will want to distinguish between the costs of the metals used to make the medallions, but the medals are otherwise identical and go through the same production processes. Thus, operation costing is ideally suited for the company's needs.

**4-13** Any company that manufactures products that have some common characteristics and some individual characteristics may want to use operation costing. Examples include textiles, shoes, electronic parts, and clothing.

## Chapter 4 Process Costing Solutions

**Arora M.N.**

## Chapter 4 Process Costing Solutions:

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general information bulb solitary or clustered applanate globose to cylindric ovoid tunic purple red brown red pale brown red or yellow to pale yellow papery to thinly leathery entire leaves shorter than scape 0 5 2 cm wide terete fistulose

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floral formula and floral diagram google classroom a flower has the following characteristics zygomorphic bracteate gamosepalous calyx with valvate aestivation polypetalous corolla with vexillary aestivation diadelphous stamens basal placentation which of the following floral diagrams represents this flower

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stem underground bulb leaf a cluster of radical leaves emerges from the underground bulb cylindrical and fleshy having sheathy leaf bases with parallel venation inflorescence scapigerous i e the inflorescence axis peduncle arising from the

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the floral formula of allium cepa onion of the liliaceae family is as follows here the symbols represent systematic position of liliaceae kingdom plantae subkingdom tracheobionta super division spermatophyta division magnoliophyta class liliopsida subclass liliidae order liliales family liliaceae features of liliaceae family

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the flowers of allium are described as bowl shaped flowers in morphological terms with hidden nectaries generally they are in under part of the ovary onion flowers are a good source of floral nectar and pollen the nectar produced from the nectaries was found to be collected in three cups between

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aug 31 2020 botanical description of allium cepa 1 habit perennial herb with bulb 2 root fibrous adventitious root system 3 stem underground bulb 4 leaf a cluster of radical leaves emerges from the underground bulb cylindrical and fleshy having sheathy leaf

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allium is a genus of monocotyledonous flowering plants with hundreds of species including the cultivated onion garlic scallion shallot leek and chives the generic name allium is the latin word for garlic and the type species for the genus is

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download scientific diagram allium cepa a inflorescence of fertile variety b flowers the red arrow indicates the inner stamen with a broad base and the blue arrow to the outer stamen with a

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oct 1 2023 onion allium cepa herbaceous biennial plant in the amaryllis family amaryllidaceae grown for its edible bulb the onion is likely native to southwestern asia but is now grown throughout the world chiefly in the temperate zones