

Time important in work because of the following reasons **except**:

- ☐ a. All other choices are correct regarding the importance of time
- ☐ b. Most workers are paid according to the amount of time they work
- ☒ c. Labor and staffing requirements are based on workloads measured in units of time.
- ☐ d. while on the job, workers must utilize their time effectively
- ☐ e. time is the most frequently used measure of work

Clear my choice

Question 9

Not yet
answered

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1

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question

If the actual cycle time for an element is 2.00 minutes and the performance rating is 80%, then the normal time for this element is min

Question 7

Not yet
answered

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question

"a series of work activities that are logically grouped together because they have a unified function within the task" this definition refers to

- ☐ a. none of the choices
- ☐ b. career
- ☒ c. Work element
- ☐ d. Basic motion element
- ☐ e. Task

Clear my choice

Question 12

Not yet
answered

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1

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question

in nonrepetitive work situations the time to accomplish the work depends on the skill and work ethic of the worker performing the tasks

Select one:

☐ True

☐ False

Question 8

Not yet
answered

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1

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question

a defect rate greater than zero yield to increase the quantity of work units processed.

Select one:

☒ True

☐ False

Question 11

Not yet
answered

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1

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question

the reduction in cycle time as the worker become familiar with a repetitive task is known as:

- ☐ a. None of the choices
- ☐ b. Worker efficiency
- ☐ c. worker utilization
- ☐ d. worker cycle time efficiency
- ☐ e. learning curve phenomenon

Question 5

Not yet
answered

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1

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question

Batch processing refers to operations in which work units are processed in groups

Select one:

- ☒ True
- ☐ False

Question 4

Not yet
answered

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The work cycle in a worker-machine system consists of (1) external manual work elements with a total normal time of 0.5 min, (2) a machine cycle with machine time of 1.2 min, and (3) internal manual elements with a total normal time of 1.15 min. using a PFD allowance factor of 15%, and a machine allowance factor of 30%. the standard time for the cycle is

2.135 min

Question 23

Not yet
answered

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question

If the actual cycle time for an element is 2.00 minutes and the performance rating is 80%, then the normal time for this element is

min

the following facts are true about productivity **except**:

- ☐ a. it is defined as the level of the output relative to the level of the input.
- ☐ b. a competitive advantage in the global economy can be highly achieved if a country can produce the same output with fewer input labor hours.
- ☐ c. None of the choices.
- ☒ d. worker compensation can be increased without increasing the cost of the products and services they produce.
- ☐ e. the most important factors that improves the productivity are capital and technology and labor

Clear my choice

in nonrepetitive work situations the time to accomplish the work depends on the skill and work ethic of the worker performing the tasks

Select one:

- ☒ True
- ☐ False

Question 3

Not yet
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question

one of the following is **not** classified as a powered machinery

- ☐ a. portable powered tools
- ☐ b. office equipment
- ☐ c. transportation equipment
- ☒ d. None of the choices
- ☐ e. transportable and stationary machines

Clear my choice

Question 3

Not yet

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Question

a material handling worker belongs to the occupation category of:

- ☐ a. none of the choices
- ☐ b. production worker
- ☐ c. service workers
- ☒ d. logistics workers
- ☐ e. knowledge workers

Clear my choice

If the actual cycle time for an element is 2.00 minutes and the performance rating is 80%, then the normal time for this element is 1.6 min

Question 20

Not yet
answered

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Question

the following are true about
Availability in worker machine
systems

- ☐ a. all other choices are correct about the Availability
- ☐ b. the available time is the actual shift time in a period multiplied by the availability
- ☐ c. it is applicable for mechanized or automated equipment
- ☐ d. Availability is the proportion of time that the equipment is not malfunctioning or broken down
- ☐ e. Availability is the proportion of time the equipment is available to run relative to total time it could be used

Question 1

Not yet
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question

a worker-machine system consists of manual work elements with a total normal time of 1.5 min, and a machine cycle with machine time of 2.4 min, using a PFD allowance factor of 15%, and a machine allowance factor of 30%. How many work units are produced daily (8-hour shift) at standard performance? 99.07 pc

Question 2

Not yet
answered

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question

the total task time consist of:

- ☐ a. excess activities due to poor design of product or service , inefficient methods and poor work layout and interruption, excess activity due to human factors.
- ☒ b. basic productive work content, excess activities due to inefficient methods and poor work layout and interruption, and the excess activity due to human factors.
- ☐ c. basic productive work content, excess activities due to poor design of product or service
- ☐ d. basic productive work content, excess activities due to poor design of product or service , inefficient methods and poor work layout and interruption, excess activity due to human factors.
- ☐ e. basic productive work content

Clear my choice

the following are true about Availability in worker machine systems

- ☐ a. it is applicable for mechanized or automated equipment
- ☐ b. all other choices are correct about the Availability
- ☐ c. the available time is the actual shift time in a period multiplied by the availability
- ☐ d. Availability is the proportion of time the equipment is available to run relative to total time it could be used
- ☐ e. Availability is the proportion of time that the equipment is not malfunctioning or broken down

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A total of 600 units of a certain product must be completed in 6 days(8 hours-shift) . The standard time for producing each unit of the product is 9.5 min. How many workers will be required to complete this production order if it is assumed that worker efficiency 100%? workers

Question 14

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Batch processing refers to operations in which work units are processed in groups

Select one:

- ☒ True
- ☐ False

Question 15

Not yet
answered

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🚩 Flag
question

"a series of work activities that are logically grouped together because they have a unified function within the task" this definition refers to

- ☐ a. Task
- ☐ b. Work element
- ☐ c. Basic motion element
- ☐ d. career
- ☐ e. none of the choices