



Operator Test Battery (OTB)

Preparation Guide



The Operator Test Battery (OTB)

Overview

Pacific Gas and Electric Company's Operator Test Battery (OTB) is a paper-and-pencil test which consists of two components:

- **Numerical Reasoning**
- **Verbal Reasoning**

Each of the components of the OTB is described in more detail below. Please note that qualification on PG&E's Physical Test Battery (PTB) is required to receive a qualifying score on the OTB.

Numerical Reasoning

This exercise is designed to measure numerical reasoning ability or the ability to analyze logical numerical relationships and to discover underlying principles. Each question contains a number series, and the examinee selects the next number in each series from five alternatives. There is a five minute time limit to complete the exercise. A sample problem is shown below:

Look at the sample problems below. Each series of numbers is followed by a question mark where the next number of the series should be. There are patterns in the series. Your task is to look in the answer columns to the right of the question mark and find a number which will continue the series. Indicate your answer by making a heavy black mark in the answer space below the proper number.

1.	1	4	7	10	13	16	19	?	20	21	22	23	24
									<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.	20	18	16	14	12	10	8	?	7	6	5	4	3
									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.	20	20	19	19	18	18	17	?	17	16	15	14	13
									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4.	4	6	5	7	6	8	7	?	6	7	8	9	10
									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.	2	4	6	8	11	13	15	?	14	15	16	17	9
									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The Numerical Reasoning exercise allows you to demonstrate your ability to analyze logical numerical relationships in a very short amount of time. This ability is important to success on the job.

Verbal Reasoning

This exercise is designed to measure the ability to combine separate pieces of information and to form conclusions on the basis of that information. A list of facts is presented for the examinee to review. Five conclusions follow each list. Based upon factual information given, the examinee

indicates whether each conclusion is true, false, or uncertain. There is a five minute time limit to complete the exercise. A sample problem is shown below:

Look at the sample problems below. First read the list of facts. After you have read all the facts, look at each conclusion. From the facts, you can tell that some of the conclusions are definitely true and some are definitely false, but in some cases you just cannot tell from the facts whether the conclusion is either true or false. If you decide a conclusion is true, mark the answer space under "T." If it is definitely false, mark the answer space under "F." If the facts do not give enough information to tell whether a conclusion is definitely true or definitely false, mark the answer space under "X."

FACTS:

Chris is a welder.
Terry works for Company B.
Chris' only child is a girl.
Company A makes automotive parts.
Company B employs no welders.

CONCLUSIONS				
1.	T <input checked="" type="radio"/>	F <input type="radio"/>	X <input type="radio"/>	Chris does not work for Company B.
2.	T <input type="radio"/>	F <input checked="" type="radio"/>	X <input type="radio"/>	Chris' son is ill.
3.	T <input type="radio"/>	F <input type="radio"/>	X <input checked="" type="radio"/>	Chris works for Company C.
4.	T <input type="radio"/>	F <input type="radio"/>	X <input type="radio"/>	Terry is a welder.

The Numerical Reasoning exercise allows the candidate to demonstrate his or her reasoning ability in a very short amount of time. This ability is also important to success on the job.

DO YOUR BEST

A general reference book is always invaluable as a supplement to other textbooks from classes or specific subjects, and as an instrument for general review in preparing for qualifying tests. Additional resources for improving your understanding of the concepts above may be found at your local libraries and bookstores.

We hope you find this information helpful. Make sure that when you are scheduled to take the test you are physically and mentally alert and ready to do your best, or you should reschedule your appointment.