

Sample Test Packet

Operators Program

As part of the Selection Process you will be required to test and receive a passing score on the following:

- Mechanical Aptitude
- Arithmetic
- Problem Solving
- Inspection and Measurement
- Eye/Hand/Foot Coordination


This packet, which includes sample test questions from some of the above topics, has been provided for your review.

Additional sample test questions may be available on the “Sample Test” page and the “Resources” page of the Program’s website wpaoperators.org, or by searching the above topics on the internet.

Mechanical Aptitude


Practice Exercise X


Which way should the screw be turned to unscrew it?

A

B

Practice Exercise Y

Which watering can would empty more quickly?

A.


B.


C. No difference

Sample Answer Sheet

	A	B	C	D	E
X	●	②	③	④	⑤
	A	B	C	D	E
Y	①	●	③	④	⑤

Arithmetic

ADD:
Practice Exercise O

$$\begin{array}{r} \frac{1}{2} \\ + \frac{1}{2} \\ \hline \end{array}$$

A. $\frac{1}{4}$
B. $\frac{1}{2}$
C. 1
D. $1\frac{1}{2}$
E. 2

SUBTRACT:
Practice Exercise P

$$\begin{array}{r} 35 \\ - 25 \\ \hline \end{array}$$

A. 0
B. 10
C. 11
D. 20
E. 30

MULTIPLY:
Practice Exercise Q

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

A. 3
B. 8
C. 18
D. 48
E. 98

DIVIDE:
Practice Exercise R

$$3 \overline{)15}$$

A. 1
B. 2
C. 3
D. 4
E. 5

Practice Exercise S (Use Practice Table S)
What is the entry for Series B, Number 14?

Practice Table S

	SERIES			
	A	B	C	D
N	12	25	24	23
U	13	21	20	19
M	14	17	16	15
B	15	15	12	11
E				
R				

A. 10
B. 12
C. 16
D. 24
E. 25

SAMPLE ANSWER SHEET

	A	B	C	D	E		A	B	C	D	E
O	①	②	●	④	⑤	R	①	②	③	④	●
	A	B	C	D	E		A	B	C	D	E
P	①	●	③	④	⑤	S	①	②	●	④	⑤
	A	B	C	D	E						
Q	①	②	③	●	⑤						

Problem Solving

Example Passage

Making a hole in a piece of metal is a fairly simple operation. In order to make the hole accurately and quickly, a drill press may be used. The twist drill is the tool used to make the hole. It consists of a cylindrical length of steel with spiral grooves. The grooves, often called flutes, are either cut into the steel cylinder or are made by twisting a flat length of steel into a cylindrical shape.

Practice Exercise X

A drill press will make a hole

- A. accurately and quickly.
- B. simply and quickly.
- C. accurately and simply.
- D. fairly quickly.

Practice Exercise Y

What are the grooves in a twist drill often called?

- A. Flats
- B. Spirals
- C. Flutes
- D. Cylinders

Sample Answer Sheet

X	A	B	C	D	E
	●	②	③	④	⑤
Y	A	B	C	D	E
	①	②	●	④	⑤

Practice Exercises

101. The gauge below shows a reading of

- A. 0.
- B. 50.
- C. 100.
- D. 150.
- E. 200.



102. Measure the following.

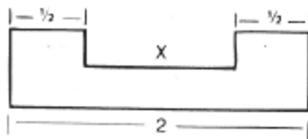


- A. 1/2"
- B. 3/4"
- C. 1"
- D. 1 1/2"

103. Which object is different from the others?



104. What is the length of X below?



- A. 1/2
- B. 1
- C. 1 1/4
- D. 1 1/2
- E. 2

105. Arrange the numbers below in numerical order.

1. 0012-73-6290
2. 0103-84-5887
3. 1013-29-3525
4. 0011-73-6290
5. 0012-72-6290
6. 0240-73-4680

- A. 4, 3, 6, 2, 1, 5
- B. 1, 4, 5, 3, 2, 6
- C. 4, 1, 5, 3, 2, 6
- D. 4, 5, 1, 6, 2, 3
- E. 4, 5, 1, 2, 6, 3

Sample Answer Sheet

	A	B	C	D	E
101.	(A)	(B)	(C)	(D)	(E)
102.	(A)	(B)	(C)	(D)	(E)
103.	(A)	(B)	(C)	(D)	(E)
104.	(A)	(B)	(C)	(D)	(E)
105.	(A)	(B)	(C)	(D)	(E)