

IF random number for order of sections = 1 THEN

| **instructions** Oral Comprehension

| Instructions for Rating Your Abilities In this survey, you will be asked to rate your level
| of functioning for a series of different abilities. When giving your rating, please rate your
| current level of ability, not what you were able to do in the past or what you could do in the
| future with additional training. If you use an assistive device (e.g., glasses), please rate your
| ability when using the assistive device. First you will be shown the name and definition of
| an ability. Please read the definition carefully. For example: Arm-Hand Steadiness The
| ability to keep your hand and arm steady while moving your arm or while holding your arm and hand
| in one position. You will then be asked to rate your level of ability on a scale from 1 to
| 7, where 1 is the lowest possible level and 7 is the highest possible level. If you cannot do any
| level of the ability, please select that response below the numeric scale. To help you understand
| what we mean by level, we provide you with examples of tasks or activities at different levels for
| each ability. The examples are meant to help you find your own rating within the scale; do not
| focus on whether you perform the specific activity, which may come from an unfamiliar context. For
| example: Please rate your level of ARM-HAND STEADINESS by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Light a candle

| 3

| 4 Thread a needle

| 5

| 6 Cut facets in a diamond

| 7

| **A1** Oral Comprehension

| Oral Comprehension The ability to listen to and understand information and ideas presented
| through spoken words and sentences. Please rate your level of ORAL COMPREHENSION by clicking
| the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Understand a television commercial

| 3

| 4 Understand a coach's oral instructions for a sport

| 5

| 6 Understand a lecture on advanced physics

| 7

| **A2** Written Comprehension

| Written Comprehension The ability to read and understand information and ideas presented in
| writing. Please rate your level of WRITTEN COMPREHENSION by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Understand signs on the highway

| 3

| 4 Understand an apartment lease

| 5
| 6 Understand an instruction book on repairing missile guidance systems
| 7
|

| **A3 Oral Expression**

| Oral Expression The ability to communicate information and ideas in speaking so others will
| understand. Please rate your level of ORAL EXPRESSION by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1
| 2 Cancel newspaper delivery by phone

| 3
| 4 Give instructions to a lost motorist

| 5
| 6 Explain advanced principles of genetics to college freshmen

| 7
|

| **A4 Written Expression**

| Written Expression The ability to communicate information and ideas in writing so others will
| understand. Please rate your level of WRITTEN EXPRESSION by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Write a note to remind someone to take food out of the freezer

| 2

| 3
| 4 Write a job recommendation for a subordinate

| 5
| 6 Write an advanced economics textbook

| 7
|

| **A5 Fluency of ideas**

| Fluency of Ideas The ability to come up with a number of ideas about a topic (the number of
| ideas is important not their quality, correctness, or creativity). Please rate your level of
| FLUENCY OF IDEAS by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Name four different uses for a screwdriver

| 3

| 4 Think of as many ideas as possible for the name of a new company

| 5

| 6 Name all the possible strategies for a military battle

| 7
|

| **A6 Originality**

| Originality The ability to come up with unusual or clever ideas about a given topic or
| situation, or to develop creative ways to solve a problem. Please rate your level of
| ORIGINALITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Use a credit card to open a locked door

| 3

| 4 Redesign job tasks

to be interesting for employees

| 5

| 6 Invent a new type of man-made fiber

| 7

|

| **A7 Problem Sensitivity**

| Problem Sensitivity The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing that there is a problem. Please rate your level of PROBLEM SENSITIVITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Recognize that an unplugged lamp won't work

| 3

| 4 Recognize from the mood of prisoners that a prison riot is likely to occur

| 5

| 6 Recognize an illness at an early stage of a disease when there are only a few symptoms

| 7

|

| **A8 Deductive Reasoning**

| Deductive Reasoning The ability to apply general rules to specific problems to produce answers that make sense. Please rate your level of DEDUCTIVE REASONING by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Know that a stalled car can coast downhill

| 3

| 4

| 5 Decide what factors to consider in selecting stocks

| 6 Design an aircraft wing using principles of aerodynamics

| 7

|

| **A9 Inductive Reasoning**

| Inductive Reasoning The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events). Please rate your level of INDUCTIVE REASONING by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Decide what to wear based on the weather report

| 3

| 4 Determine the prime suspect based on crime scene evidence

| 5

| 6 Diagnose a disease using results of many different lab tests

| 7

|

| **A10 Information Ordering**

| Information Ordering The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations). Please rate your level of INFORMATION ORDERING by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1 Put things in numerical order
- | 2 Follow the correct steps to make changes
- | 3
- | 4
- | 5
- | 6 Assemble a nuclear warhead
- | 7
- |

| **A11 Category Flexibility**

| Category Flexibility The ability to generate or use different sets of rules for combining or grouping things in different ways. Please rate your level of CATEGORY FLEXIBILITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Sort nails in a toolbox on the basis of length
- | 3 Classify flowers according to size, color, and smell
- | 4
- | 5
- | 6 Classify man-made fibers in terms of their strength, cost, flexibility, melting points, etc.
- | 7
- |

| **A12 Mathematical Reasoning**

| Mathematical Reasoning The ability to choose the right mathematical methods or formulas to solve a problem. Please rate your level of MATHEMATICAL REASONING by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1 Determine how much 10 oranges will cost when they are priced at 2 for 20 cents
- | 2
- | 3
- | 4 Decide how to calculate profits to determine the amounts of yearly bonuses
- | 5
- | 6 Determine the mathematics required to simulate a spacecraft landing on the moon
- | 7
- |

| **A13 Number Facility**

| Number Facility The ability to add, subtract, multiply, or divide quickly and correctly.

| Please rate your level of NUMBER FACILITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1 Add 2 and 7
- | 2
- | 3 Balance a checkbook
- | 4
- | 5 Compute the interest payment that should be generated from an investment
- | 6
- | 7
- |

| **A14 Memorization**

| Memorization The ability to remember information such as words, numbers, pictures, and procedures. Please rate your level of MEMORIZATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Remember the numbers on your bus to be sure you get back on the right one

| 2

| 3

| 4 Recite the first names of the five people you just met

| 5

| 6 Recite the Gettysburg Address after studying it for 15 minutes

| 7

|

| **A15** Speed of Closure

| Speed of Closure The ability to quickly make sense of, combine, and organize information into meaningful patterns. Please rate your level of SPEED OF CLOSURE by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2

| 3 Recognize a song after hearing only the first few notes

| 4 Make sense out of strange handwriting

| 5 Interpret patterns on weather radar to decide if the weather is changing

| 6

| 7

|

| **A16** Flexibility of Closure

| Flexibility of Closure The ability to identify or detect a known pattern (a figure, object, word, or sound) that is hidden in other distracting material. Please rate your level of FLEXIBILITY OF CLOSURE by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Tune in a radio in a noisy truck

| 3

| 4 Look for a golf ball in the rough

| 5

| 6 Identify camouflaged tanks from a high-speed airplane

| 7

|

| **A17** Perceptual Speed

| Perceptual Speed The ability to quickly and accurately compare similarities and differences among sets of letters, numbers, objects, pictures, or patterns. The things to be compared may be presented at the same time or one after the other. This ability also includes comparing a presented object with a remembered object. Please rate your level of PERCEPTUAL SPEED by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Sort mail according to ZIP codes with no time pressure

| 3

| 4 Read five temperature gauges in 10 seconds to make sure each temperature is within safe limits

| 5

| 6 Inspect electrical parts for defects as they flow by on a fast-moving assembly line

| 7

|

| **A18** Spatial Orientation

| Spatial Orientation The ability to know your location in relation to the environment or to know where other objects are in relation to you. Please rate your level of SPATIAL ORIENTATION by

| clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Use the floor plan to locate a store in a mall

| 3 Find your way through a dark room without hitting anything

| 4

| 5

| 6 Navigate an ocean voyage using only the positions of the sun and stars

| 7

|

| **A19** Visualization

| Visualization The ability to imagine how something will look after it is moved around or when its parts are moved or rearranged. Please rate your level of VISUALIZATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Imagine how to put paper in a typewriter so that the letterhead comes out on top

| 3

| 4 Follow a diagram to assemble a metal storage cabinet

| 5

| 6 Anticipate opponent's as well as your own future moves in a chess game

| 7

|

| **A20** Selective Attention

| Selective Attention The ability to concentrate on a task over a period of time without being distracted. Please rate your level of SELECTIVE ATTENTION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Answer a business call with coworker talking nearby

| 3

| 4 Monitor security TV for intruders throughout the night shift

| 5

| 6 Study a technical manual in a noisy boiler room

| 7

|

| **A21** Time Sharing

| Time Sharing The ability to shift back and forth between two or more activities or sources of information (such as speech, sounds, touch, or other sources). Please rate your level of TIME SHARING by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Listen to music while filing papers

| 3 Watch street signs while driving at 30 miles an hour

| 4

| 5

| 6 Monitor radar and radio transmissions to keep track of aircraft during periods of heavy traffic

| 7

|

| **A22** Arm-Hand Steadiness

| Arm-Hand Steadiness The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position. Please rate your level of ARM-HAND STEADINESS by

| clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Light a candle

| 3

| 4 Thread a needle

| 5

| 6 Cut facets in a diamond

| 7

| **A23 Manual Dexterity**

| Manual Dexterity The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects. Please rate your level of MANUAL DEXTERITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Screw a light bulb into a light socket

| 2

| 3

| 4 Pack oranges in crates as quickly as possible

| 5

| 6

| 7 Perform open heart surgery with surgical instruments

| **A24 Finger Dexterity**

| Finger Dexterity The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects. Please rate your level of FINGER DEXTERITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Put coins in a parking meter

| 3

| 4 Attach small knobs to stereo equipment on an assembly line

| 5

| 6 Put together the inner workings of a small wrist watch

| 7

| **A25 Control Precision**

| Control Precision The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions. Please rate your level of CONTROL PRECISION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Adjust a room light with a dimmer switch

| 3

| 4 Adjust farm tractor controls

| 5

| 6 Drill a tooth

| 7

| **A26 Multilimb Coordination**

| Multilimb Coordination The ability to coordinate two or more limbs (for example, two arms, two legs, or one leg and one arm) while sitting, standing, or lying down. It does not involve

| performing the activities while the whole body is in motion. Please rate your level of
| MULTILIMB COORDINATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Row a boat

| 3

| 4 Operate a forklift truck in a warehouse

| 5

| 6 Play the drum set in a jazz band

| 7

|

| **A27** Response Orientation

| Response Orientation The ability to choose quickly between "two or more movements" in response
| to "two or more different signals" (lights, sounds, pictures). It includes the speed with which
| the correct response is started with the hand, foot, or other body part. Please rate your
| level of RESPONSE ORIENTATION by clicking the circled number that best matches your level of
| ability.

| 0 I cannot do any level of this ability.

| 1

| 2 When the doorbell and telephone ring at the same time, quickly select which to answer first

| 3

| 4 Hit either the automobile break or gas pedal in a skid situation

| 5

| 6

| 7 In an out of control spacecraft, react quickly to restore control

|

| **A28** Rate Control

| Rate Control The ability to time your movements or the movement of a piece of equipment in
| anticipation of changes in the speed and/or direction of a moving object or scene. Please
| rate your level of RATE CONTROL by clicking the circled number that best matches your level of
| ability.

| 0 I cannot do any level of this ability.

| 1 Ride a bicycle alongside a jogger

| 2

| 3

| 4 Keep up with a car that changes speed

| 5 Shoot a duck in flight

| 6

| 7

|

| **A29** Reaction Time

| Reaction Time The ability to quickly respond (with the hand, finger, or foot) to a signal
| (sound, light, picture) when it appears. Please rate your level of REACTION TIME by clicking
| the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Start to slow down the car when a traffic light turns yellow

| 3

| 4 Throw a switch when a red warning light goes off

| 5

| 6 Hit the brake when a pedestrian steps in front of the car

| 7

|
| **A30 Wrist-Finger Speed**

| Wrist-Finger Speed The ability to make fast, simple, repeated movements of the fingers, hands,
| and wrists. Please rate your level of WRIST-FINGER SPEED by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Use a manual pencil sharpener

| 3 Carve roast beef in a cafeteria

| 4

| 5

| 6 Type a document at 90 words per minute

| 7
|

| **A31 Speed of Limb Movement**

| Speed of Limb Movement The ability to quickly move the arms and legs. Please rate your
| level of SPEED OF LIMB MOVEMENT by clicking the circled number that best matches your level of
| ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Saw through a thin piece of wood

| 3

| 4 Swat a fly with a fly swatter

| 5

| 6 Throw punches in a boxing match

| 7
|

| **A32 Static Strength**

| Static Strength The ability to exert maximum muscle force to lift, push, pull, or carry
| objects. Please rate your level of STATIC STRENGTH by clicking the circled number that best
| matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Push an empty shopping cart

| 2

| 3

| 4 Pull a 40-pound sack of fertilizer across the lawn

| 5

| 6 Lift 75-pound bags of cement onto a truck

| 7
|

| **A33 Explosive Strength**

| Explosive Strength The ability to use short bursts of muscle force to propel oneself (as in
| jumping or sprinting) or to throw an object. Please rate your level of EXPLOSIVE STRENGTH by
| clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Hit a nail with a hammer

| 3

| 4 Jump onto a 3-foot high platform

| 5

| 6

| 7 Throw a shot-put in a track meet

|
| **A34 Dynamic Strength**

| Dynamic Strength The ability to exert muscle force repeatedly or continuously over time. This
| involves muscular endurance and resistance to muscle fatigue. Please rate your level of
| DYNAMIC STRENGTH by clicking the circled number that best matches your level of ability.
| 0 I cannot do any level of this ability.

- | 1
| 2 Use pruning shears to trim a bush
| 3
| 4
| 5 Climb a 48-foot long ladder
| 6 Perform a gymnastics routine using the rings
| 7

|
| **A35 Trunk Strength**

| Trunk Strength The ability to use your abdominal and lower back muscles to support part of the
| body repeatedly or continuously over time without "giving out" or fatiguing. Please rate your
| level of TRUNK STRENGTH by clicking the circled number that best matches your level of ability.
| 0 I cannot do any level of this ability.

- | 1
| 2 Sit up in an office chair
| 3
| 4 Shovel snow for half an hour
| 5
| 6 Do 100 sit-ups
| 7

|
| **A36 Stamina**

| Stamina The ability to exert yourself physically over long periods of time without getting
| winded or out of breath. Please rate your level of STAMINA by clicking the circled number
| that best matches your level of ability.
| 0 I cannot do any level of this ability.

- | 1 Walk 1/4 mile
| 2
| 3
| 4 Climb 6 flights of stairs
| 5
| 6 Run 10 miles
| 7

|
| **A37 Extent Flexibility**

| Extent Flexibility The ability to bend, stretch, twist, or reach with your body, arms, and/or
| legs. Please rate your level of EXTENT FLEXIBILITY by clicking the circled number that best
| matches your level of ability.
| 0 I cannot do any level of this ability.

- | 1
| 2 Reach for a microphone in a patrol car
| 3
| 4 Reach for a box on a high warehouse shelf
| 5
| 6 Work under the dashboard of a car
| 7

|
| **A38 Dynamic Flexibility**

| Dynamic Flexibility The ability to quickly and repeatedly bend, stretch, twist, or reach out
| with your body, arms, and/or legs. Please rate your level of DYNAMIC FLEXIBILITY by clicking
| the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Hand pick a bushel of apples from a tree

| 3

| 4

| 5 Perform a dance routine as part of a cheerleading squad

| 6 Maneuver a kayak through swift rapids

| 7
|

| **A39 Gross Body Coordination**

| Gross Body Coordination The ability to coordinate the movement of your arms, legs, and torso
| together when the whole body is in motion. Please rate your level of GROSS BODY COORDINATION
| by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Get in and out of a truck

| 3

| 4 Swim the length of a pool

| 5

| 6 Perform a ballet dance

| 7
|

| **A40 Gross Body Equilibrium**

| Gross Body Equilibrium The ability to keep or regain your body balance or stay upright when in
| an unstable position. Please rate your level of GROSS BODY EQUILIBRIUM by clicking the
| circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Stand on a ladder

| 3

| 4 Walk on ice across a pond

| 5

| 6 Walk on narrow beams in high-rise construction

| 7
|

| **A41 Near Vision**

| Near Vision The ability to see details at close range (within a few feet of the observer).

| Please rate your level of NEAR VISION by clicking the circled number that best matches your level
| of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Read dials on the dashboard of a car

| 3

| 4

| 5 Read the fine print of a legal document

| 6 Detect minor defects in a diamond

| 7

|
| **A42 Far Vision**

| Far Vision The ability to see details at a distance. Please rate your level of FAR VISION
| by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Read a roadside billboard

| 3

| 4 Focus a slide projector

| 5

| 6

| 7 Detect differences in ships on the horizon

|
| **A43 Visual Color Discrimination**

| Visual Color Discrimination The ability to match or detect differences between colors,
| including shades of color and brightness. Please rate your level of VISUAL COLOR
| DISCRIMINATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Separate laundry into colors and whites

| 2

| 3

| 4 Trace electrical circuits marked by various colored wires

| 5

| 6 Paint a color portrait of a live person

| 7

|
| **A44 Night Vision**

| Night Vision The ability to see under low-light conditions. Please rate your level of
| NIGHT VISION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Read street signs at dusk (just before sunset)

| 3

| 4 Take notes during a slide presentation

| 5

| 6 Find your way through the woods on a moonless night

| 7

|
| **A45 Peripheral Vision**

| Peripheral Vision The ability to see objects or movement of objects to one's side when the eyes
| are looking ahead. Please rate your level of PERIPHERAL VISION by clicking the circled number
| that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Keep in step while marching in a military formation

| 3

| 4 Be aware of the location of your teammates while dribbling a basketball

| 5

| 6 Distinguish friendly from enemy planes during air combat

| 7

|
| **A46 Depth Perception**

| Depth Perception The ability to judge which of several objects is closer or farther away from you, or to judge the distance between you and an object. Please rate your level of DEPTH PERCEPTION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Merge a car into traffic on a city street

| 3

| 4 Operate a crane to move materials from a truck bed to the ground

| 5

| 6 Throw a long pass to a closely guarded teammate

| 7

|

| **A47 Glare Sensitivity**

| Glare Sensitivity The ability to see objects in the presence of a glare or bright lighting.

| Please rate your level of GLARE SENSITIVITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Drive on a familiar road on a cloudy day

| 3

| 4

| 5 See boats on the horizon when sailing

| 6 Snow ski in bright sunlight

| 7

|

| **A48 Hearing Sensitivity**

| Hearing Sensitivity The ability to detect or tell the differences between sounds that vary in pitch and loudness. Please rate your level of HEARING SENSITIVITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Notice when a watch alarm goes off

| 3

| 4 Diagnose what's wrong with a car engine from its sound

| 5

| 6 Tune an orchestra

| 7

|

| **A49 Auditory Attention**

| Auditory Attention The ability to focus on a single source of sound in the presence of other distracting sounds. Please rate your level of AUDITORY ATTENTION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Listen to a lecture while people nearby are talking

| 3

| 4 Listen for your flight announcement at a busy airport

| 5

| 6 Listen to instructions from a coworker in a noisy sawmill

| 7

|

| **A50 Sound Localization**

| Sound Localization The ability to tell the direction from which a sound originated. Please rate your level of SOUND LOCALIZATION by clicking the circled number that best matches your level of ability.
| 0 I cannot do any level of this ability.

| 1

| 2 Listen to a stereo to determine which speaker is working

| 3

| 4 Find a ringing telephone in an unfamiliar apartment

| 5

| 6 Determine the direction of an emergency vehicle from the sound of the siren

| 7

|

| **A51 Speech Recognition**

| Speech Recognition The ability to identify and understand the speech of another person.

| Please rate your level of SPEECH RECOGNITION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Recognize the voice of a coworker

| 3

| 4 Identify a former customer's voice over the telephone

| 5

| 6 Understand a speech presented by someone with a strange accent

| 7

|

| **A52 Speech Clarity**

| Speech Clarity The ability to speak clearly so others can understand you. Please rate your

| level of SPEECH CLARITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Call numbers in a bingo game

| 2

| 3

| 4 Make announcements over the loudspeaker at a sports event

| 5

| 6 Give a lecture to a large audience

| 7

|

| **Q1 Q1**

| Are you working now, temporarily laid off, unemployed and looking for work, disabled and unable to work, retired, a homemaker, or what?

| 1 Working now

| 2 Unemployed and looking for work

| 3 Temporarily laid off

| 4 Disabled

| 5 Retired

| 6 Homemaker

| 7 Don't know

| 8 Refuse to answer

|

| IF Q1 = Working now THEN

||

|| **Q2a Q2a**

|| What kind of work do you do, that is, what is your occupation? For example: plumber, typist,

|| farmer.

|| String

||

|| **Q2b** Q2b

|| What are your usual activities or duties at this job? For example: typing, keeping account

|| books, filing, selling cars, operating printing press, laying brick.

|| String

||

|| [The following questions are displayed as a table]

||

|| **Q2c_occupation** Q2c_occupation

|| In which category is your current occupation? Please start typing, and the list below will

|| automatically fill with suggestions. Please select an option from the list, then NEXT. If you do

|| not see an option in the list below that is correct for you, then please type your full

|| occupation in the text box, then click NEXT without selecting an option.

|| String

||

|| **Q2c_occupationcode** Q2c_occupationcode

|| Please select an option from the list below.

|| String

||

|| [End of table display]

|| **Q3a** Q3a

|| Thinking about your MAIN paid job, what kind of business or industry do you work in? That is,

|| what do they make or do at the place where you work?

|| 1 Agriculture, Forestry, Fishing, and Hunting

|| 2 Mining, Quarrying, and Oil and Gas Extraction

|| 3 Utilities

|| 4 Construction

|| 5 Manufacturing

|| 6 Wholesale Trade

|| 7 Retail Trade

|| 8 Transportation and Warehousing

|| 9 Information

|| 10 Finance and Insurance

|| 11 Real Estate and Rental and Leasing

|| 12 Professional, Scientific, and Technical Services

|| 13 Management of Companies and Enterprises

|| 14 Administrative and Support and Waste Management and Remediation

|| 15 Educational Services

|| 16 Health Care and Social Assistance

|| 17 Arts, Entertainment, and Recreation

|| 18 Accommodation and Food Services

|| 19 Other Services (except Public Administration)

|| 20 Public Administration

||

|| ELSE

||

|| **Q2d** Q2d

|| What kind of work you used to do in your last paid job, that is, what was your occupation? For

|| example: plumber, typist, farmer.

|| String

```

||
|| Q2e Q2e
|| What were your usual activities or duties at that job? For example: typing, keeping account
|| books, filing, selling cars, operating printing press, laying brick.
|| String
||
|| [The following questions are displayed as a table]
||
|| Q2f_occupation Q2f_occupation
|| In which category was that occupation? Please start typing, and the list below will
|| automatically fill with suggestions. Please select an option from the list, then NEXT. If you do
|| not see an option in the list below that is correct for you, then please type your full
|| occupation in the text box, then click NEXT without selecting an option.
|| String
||
|| Q2f_occupationcode Q2f_occupationcode
|| Please select an option from the list below.
|| String
||
|| [End of table display]
|| Q3b Q3b
|| Thinking about the last main paid job you had, what kind of business or industry did you work
|| in? That is, what did they make or do at the place where you worked?
|| 1 Agriculture, Forestry, Fishing, and Hunting
|| 2 Mining, Quarrying, and Oil and Gas Extraction
|| 3 Utilities
|| 4 Construction
|| 5 Manufacturing
|| 6 Wholesale Trade
|| 7 Retail Trade
|| 8 Transportation and Warehousing
|| 9 Information
|| 10 Finance and Insurance
|| 11 Real Estate and Rental and Leasing
|| 12 Professional, Scientific, and Technical Services
|| 13 Management of Companies and Enterprises
|| 14 Administrative and Support and Waste Management and Remediation
|| 15 Educational Services
|| 16 Health Care and Social Assistance
|| 17 Arts, Entertainment, and Recreation
|| 18 Accommodation and Food Services
|| 19 Other Services (except Public Administration)
|| 20 Public Administration
||
|| ENDIF
||
|| IF ( Q1 = Working now or Q1 = Unemployed and looking for work or Q1 = Temporarily laid off )
|| and CALCULATED AGE < 65 THEN
||
|| [The following questions are displayed as a table]
||
|| Q4a Q4a

```


Thinking about work in general and not just your present job, on a scale from 0 to 100, where
"0" means that you think there is absolutely no chance, and "100" means that you think the event
is absolutely sure to happen, what do you think the chances are that you will be working
full-time after you reach age 65?
Range: 0.0..100.0

[End of table display]

ELSEIF (Q1 = Working now or Q1 = Unemployed and looking for work or Q1 = Temporarily laid
off) and CALCULATED AGE >= 65 THEN

[The following questions are displayed as a table]

Q4b Q4b

Thinking about work in general and not just your present job, on a scale from 0 to 100, where
"0" means that you think there is absolutely no chance, and "100" means that you think the event
is absolutely sure to happen, what do you think the chances are that you will be working
full-time after you reach age 70?
Range: 0.0..100.0

[End of table display]

ELSEIF Q1 >= Disabled THEN

[The following questions are displayed as a table]

Q4c Q4c

On a scale from 0 to 100, where "0" means that you think there is absolutely no chance, and
"100" means that you think the event is absolutely sure to happen, what do you think the chances
are that you will return to work sometime in the future?
Range: 0.0..100.0

[End of table display]

ENDIF

Q5 Q5

Would you say your health is excellent, very good, good, fair, or poor?

1 Excellent

2 Very good

3 Good

4 Fair

5 Poor

6 Don't know

7 Refuse to answer

Q6 Q6

Do you have any impairment or health problem that limits the kind or amount of paid work you could
do?

1 Yes

5 No

6 Don't know

7 Refuse to answer

Q7 Q7

| Do you receive Social Security Disability Insurance benefits?

| 1 Yes

| 5 No

| 6 Don't know

| 7 Refuse to answer

|

ELSE

|

| **Q1** Q1

| Are you working now, temporarily laid off, unemployed and looking for work, disabled and unable to work, retired, a homemaker, or what?

| 1 Working now

| 2 Unemployed and looking for work

| 3 Temporarily laid off

| 4 Disabled

| 5 Retired

| 6 Homemaker

| 7 Don't know

| 8 Refuse to answer

|

| IF Q1 = Working now THEN

||

|| **Q2a** Q2a

|| What kind of work do you do, that is, what is your occupation? For example: plumber, typist, farmer.

|| String

||

|| **Q2b** Q2b

|| What are your usual activities or duties at this job? For example: typing, keeping account books, filing, selling cars, operating printing press, laying brick.

|| String

||

|| [The following questions are displayed as a table]

||

|| **Q2c_occupation** Q2c_occupation

|| In which category is your current occupation? Please start typing, and the list below will automatically fill with suggestions. Please select an option from the list, then NEXT. If you do not see an option in the list below that is correct for you, then please type your full occupation in the text box, then click NEXT without selecting an option.

|| String

||

|| **Q2c_occupationcode** Q2c_occupationcode

|| Please select an option from the list below.

|| String

||

|| [End of table display]

|| **Q3a** Q3a

|| Thinking about your MAIN paid job, what kind of business or industry do you work in? That is, what do they make or do at the place where you work?

|| 1 Agriculture, Forestry, Fishing, and Hunting

|| 2 Mining, Quarrying, and Oil and Gas Extraction

|| 3 Utilities

|| 4 Construction

- || 5 Manufacturing
- || 6 Wholesale Trade
- || 7 Retail Trade
- || 8 Transportation and Warehousing
- || 9 Information
- || 10 Finance and Insurance
- || 11 Real Estate and Rental and Leasing
- || 12 Professional, Scientific, and Technical Services
- || 13 Management of Companies and Enterprises
- || 14 Administrative and Support and Waste Management and Remediation
- || 15 Educational Services
- || 16 Health Care and Social Assistance
- || 17 Arts, Entertainment, and Recreation
- || 18 Accommodation and Food Services
- || 19 Other Services (except Public Administration)
- || 20 Public Administration

||

| ELSE

||

|| **Q2d** Q2d

|| What kind of work you used to do in your last paid job, that is, what was your occupation? For example: plumber, typist, farmer.

|| String

||

|| **Q2e** Q2e

|| What were your usual activities or duties at that job? For example: typing, keeping account books, filing, selling cars, operating printing press, laying brick.

|| String

||

|| [The following questions are displayed as a table]

||

|| **Q2f_occupation** Q2f_occupation

|| In which category was that occupation? Please start typing, and the list below will automatically fill with suggestions. Please select an option from the list, then NEXT. If you do not see an option in the list below that is correct for you, then please type your full occupation in the text box, then click NEXT without selecting an option.

|| String

||

|| **Q2f_occupationcode** Q2f_occupationcode

|| Please select an option from the list below.

|| String

||

|| [End of table display]

|| **Q3b** Q3b

|| Thinking about the last main paid job you had, what kind of business or industry did you work in? That is, what did they make or do at the place where you worked?

- || 1 Agriculture, Forestry, Fishing, and Hunting
- || 2 Mining, Quarrying, and Oil and Gas Extraction
- || 3 Utilities
- || 4 Construction
- || 5 Manufacturing
- || 6 Wholesale Trade

```

|| 7 Retail Trade
|| 8 Transportation and Warehousing
|| 9 Information
|| 10 Finance and Insurance
|| 11 Real Estate and Rental and Leasing
|| 12 Professional, Scientific, and Technical Services
|| 13 Management of Companies and Enterprises
|| 14 Administrative and Support and Waste Management and Remediation
|| 15 Educational Services
|| 16 Health Care and Social Assistance
|| 17 Arts, Entertainment, and Recreation
|| 18 Accommodation and Food Services
|| 19 Other Services (except Public Administration)
|| 20 Public Administration
||
|ENDIF
|
|IF ( Q1 = Working now or Q1 = Unemployed and looking for work or Q1 = Temporarily laid off )
|and CALCULATED AGE < 65 THEN
||
||[The following questions are displayed as a table]
||
|| Q4a Q4a
|| Thinking about work in general and not just your present job, on a scale from 0 to 100, where
|| "0" means that you think there is absolutely no chance, and "100" means that you think the event
|| is absolutely sure to happen, what do you think the chances are that you will be working
|| full-time after you reach age 65?
|| Range: 0.0..100.0
||
||[End of table display]
|ELSEIF ( Q1 = Working now or Q1 = Unemployed and looking for work or Q1 = Temporarily laid
|| off ) and CALCULATED AGE >= 65 THEN
||
||[The following questions are displayed as a table]
||
|| Q4b Q4b
|| Thinking about work in general and not just your present job, on a scale from 0 to 100, where
|| "0" means that you think there is absolutely no chance, and "100" means that you think the event
|| is absolutely sure to happen, what do you think the chances are that you will be working
|| full-time after you reach age 70?
|| Range: 0.0..100.0
||
||[End of table display]
|ELSEIF Q1 >= Disabled THEN
||
||[The following questions are displayed as a table]
||
|| Q4c Q4c
|| On a scale from 0 to 100, where "0" means that you think there is absolutely no chance, and
|| "100" means that you think the event is absolutely sure to happen, what do you think the chances
|| are that you will return to work sometime in the future?
|| Range: 0.0..100.0

```

||
|| [End of table display]
| ENDIF

| **Q5 Q5**

| Would you say your health is excellent, very good, good, fair, or poor?

- | 1 Excellent
- | 2 Very good
- | 3 Good
- | 4 Fair
- | 5 Poor
- | 6 Don't know
- | 7 Refuse to answer

| **Q6 Q6**

| Do you have any impairment or health problem that limits the kind or amount of paid work you could do?

- | 1 Yes
- | 5 No
- | 6 Don't know
- | 7 Refuse to answer

| **Q7 Q7**

| Do you receive Social Security Disability Insurance benefits?

- | 1 Yes
- | 5 No
- | 6 Don't know
- | 7 Refuse to answer

| **instructions Oral Comprehension**

| Instructions for Rating Your Abilities In this survey, you will be asked to rate your level
| of functioning for a series of different abilities. When giving your rating, please rate your
| current level of ability, not what you were able to do in the past or what you could do in the
| future with additional training. If you use an assistive device (e.g., glasses), please rate your
| ability when using the assistive device. First you will be shown the name and definition of
| an ability. Please read the definition carefully. For example: Arm-Hand Steadiness The
| ability to keep your hand and arm steady while moving your arm or while holding your arm and hand
| in one position. You will then be asked to rate your level of ability on a scale from 1 to
| 7, where 1 is the lowest possible level and 7 is the highest possible level. If you cannot do any
| level of the ability, please select that response below the numeric scale. To help you understand
| what we mean by level, we provide you with examples of tasks or activities at different levels for
| each ability. The examples are meant to help you find your own rating within the scale; do not
| focus on whether you perform the specific activity, which may come from an unfamiliar context. For
| example: Please rate your level of ARM-HAND STEADINESS by clicking the circled number that
| best matches your level of ability. |

| 0 I cannot do any level of this ability.

- | 1
- | 2 Light a candle
- | 3
- | 4 Thread a needle
- | 5
- | 6 Cut facets in a diamond
- | 7

|
A1 Oral Comprehension

| Oral Comprehension The ability to listen to and understand information and ideas presented
| through spoken words and sentences. Please rate your level of ORAL COMPREHENSION by clicking
| the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Understand a television commercial

| 3

| 4 Understand a coach's oral instructions for a sport

| 5

| 6 Understand a lecture on advanced physics

| 7
|

A2 Written Comprehension

| Written Comprehension The ability to read and understand information and ideas presented in
| writing. Please rate your level of WRITTEN COMPREHENSION by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Understand signs on the highway

| 3

| 4 Understand an apartment lease

| 5

| 6 Understand an instruction book on repairing missile guidance systems

| 7
|

A3 Oral Expression

| Oral Expression The ability to communicate information and ideas in speaking so others will
| understand. Please rate your level of ORAL EXPRESSION by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Cancel newspaper delivery by phone

| 3

| 4 Give instructions to a lost motorist

| 5

| 6 Explain advanced principles of genetics to college freshmen

| 7
|

A4 Written Expression

| Written Expression The ability to communicate information and ideas in writing so others will
| understand. Please rate your level of WRITTEN EXPRESSION by clicking the circled number that
| best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Write a note to remind someone to take food out of the freezer

| 2

| 3

| 4 Write a job recommendation for a subordinate

| 5

| 6 Write an advanced economics textbook

| 7

|
| **A5 Fluency of ideas**

| Fluency of Ideas The ability to come up with a number of ideas about a topic (the number of
| ideas is important not their quality, correctness, or creativity). Please rate your level of
| FLUENCY OF IDEAS by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Name four different uses for a screwdriver

| 3

| 4 Think of as many ideas as possible for the name of a new company

| 5

| 6 Name all the possible strategies for a military battle

| 7
|

| **A6 Originality**

| Originality The ability to come up with unusual or clever ideas about a given topic or
| situation, or to develop creative ways to solve a problem. Please rate your level of
| ORIGINALITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Use a credit card to open a locked door

| 3

| 4 Redesign job tasks to be interesting for employees

| 5

| 6 Invent a new type of man-made fiber

| 7
|

| **A7 Problem Sensitivity**

| Problem Sensitivity The ability to tell when something is wrong or is likely to go wrong. It
| does not involve solving the problem, only recognizing that there is a problem. Please rate
| your level of PROBLEM SENSITIVITY by clicking the circled number that best matches your level of
| ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Recognize that an unplugged lamp won't work

| 3

| 4 Recognize from the mood of prisoners that a prison riot is likely to occur

| 5

| 6 Recognize an illness at an early stage of a disease when there are only a few symptoms

| 7
|

| **A8 Deductive Reasoning**

| Deductive Reasoning The ability to apply general rules to specific problems to produce answers
| that make sense. Please rate your level of DEDUCTIVE REASONING by clicking the circled number
| that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Know that a stalled car can coast downhill

| 3

| 4

| 5 Decide what factors to consider in selecting stocks

| 6 Design an aircraft wing using principles of aerodynamics

| 7

|

| **A9 Inductive Reasoning**

| Inductive Reasoning The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events). Please rate your level of **INDUCTIVE REASONING** by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Decide what to wear based on the weather report

| 3

| 4 Determine the prime suspect based on crime scene evidence

| 5

| 6 Diagnose a disease using results of many different lab tests

| 7

|

| **A10 Information Ordering**

| Information Ordering The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations). Please rate your level of **INFORMATION ORDERING** by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Put things in numerical order

| 2 Follow the correct steps to make changes

| 3

| 4

| 5

| 6 Assemble a nuclear warhead

| 7

|

| **A11 Category Flexibility**

| Category Flexibility The ability to generate or use different sets of rules for combining or grouping things in different ways. Please rate your level of **CATEGORY FLEXIBILITY** by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Sort nails in a toolbox on the basis of length

| 3 Classify flowers according to size, color, and smell

| 4

| 5

| 6 Classify man-made fibers in terms of their strength, cost, flexibility, melting points, etc.

| 7

|

| **A12 Mathematical Reasoning**

| Mathematical Reasoning The ability to choose the right mathematical methods or formulas to solve a problem. Please rate your level of **MATHEMATICAL REASONING** by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Determine how much 10 oranges will cost when they are priced at 2 for 20 cents

| 2

| 3

| 4 Decide how to calculate profits to determine the amounts of yearly bonuses

| 5

| 6 Determine the mathematics required to simulate a spacecraft landing on the moon

| 7

|

| **A13** Number Facility

| Number Facility The ability to add, subtract, multiply, or divide quickly and correctly.

| Please rate your level of NUMBER FACILITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Add 2 and 7

| 2

| 3 Balance a checkbook

| 4

| 5 Compute the interest payment that should be generated from an investment

| 6

| 7

|

| **A14** Memorization

| Memorization The ability to remember information such as words, numbers, pictures, and procedures. Please rate your level of MEMORIZATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Remember the numbers on your bus to be sure you get back on the right one

| 2

| 3

| 4 Recite the first names of the five people you just met

| 5

| 6 Recite the Gettysburg Address after studying it for 15 minutes

| 7

|

| **A15** Speed of Closure

| Speed of Closure The ability to quickly make sense of, combine, and organize information into meaningful patterns. Please rate your level of SPEED OF CLOSURE by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2

| 3 Recognize a song after hearing only the first few notes

| 4 Make sense out of strange handwriting

| 5 Interpret patterns on weather radar to decide if the weather is changing

| 6

| 7

|

| **A16** Flexibility of Closure

| Flexibility of Closure The ability to identify or detect a known pattern (a figure, object, word, or sound) that is hidden in other distracting material. Please rate your level of FLEXIBILITY OF CLOSURE by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Tune in a radio in a noisy truck

| 3

| 4 Look for a golf ball in the rough

- | 5
- | 6 Identify camouflaged tanks from a high-speed airplane
- | 7

| **A17 Perceptual Speed**

| Perceptual Speed The ability to quickly and accurately compare similarities and differences among sets of letters, numbers, objects, pictures, or patterns. The things to be compared may be presented at the same time or one after the other. This ability also includes comparing a presented object with a remembered object. Please rate your level of PERCEPTUAL SPEED by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Sort mail according to ZIP codes with no time pressure
- | 3
- | 4 Read five temperature gauges in 10 seconds to make sure each temperature is within safe limits
- | 5
- | 6 Inspect electrical parts for defects as they flow by on a fast-moving assembly line
- | 7

| **A18 Spatial Orientation**

| Spatial Orientation The ability to know your location in relation to the environment or to know where other objects are in relation to you. Please rate your level of SPATIAL ORIENTATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Use the floor plan to locate a store in a mall
- | 3 Find your way through a dark room without hitting anything
- | 4
- | 5
- | 6 Navigate an ocean voyage using only the positions of the sun and stars
- | 7

| **A19 Visualization**

| Visualization The ability to imagine how something will look after it is moved around or when its parts are moved or rearranged. Please rate your level of VISUALIZATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Imagine how to put paper in a typewriter so that the letterhead comes out on top
- | 3
- | 4 Follow a diagram to assemble a metal storage cabinet
- | 5
- | 6 Anticipate opponent's as well as your own future moves in a chess game
- | 7

| **A20 Selective Attention**

| Selective Attention The ability to concentrate on a task over a period of time without being distracted. Please rate your level of SELECTIVE ATTENTION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Answer a business call with coworker talking nearby

- | 3
- | 4 Monitor security TV for intruders throughout the night shift
- | 5
- | 6 Study a technical manual in a noisy boiler room
- | 7
- |

| **A21 Time Sharing**

| Time Sharing The ability to shift back and forth between two or more activities or sources of information (such as speech, sounds, touch, or other sources). Please rate your level of TIME SHARING by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Listen to music while filing papers
- | 3 Watch street signs while driving at 30 miles an hour
- | 4
- | 5
- | 6 Monitor radar and radio transmissions to keep track of aircraft during periods of heavy traffic
- | 7
- |

| **A22 Arm-Hand Steadiness**

| Arm-Hand Steadiness The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position. Please rate your level of ARM-HAND STEADINESS by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Light a candle
- | 3
- | 4 Thread a needle
- | 5
- | 6 Cut facets in a diamond
- | 7
- |

| **A23 Manual Dexterity**

| Manual Dexterity The ability to quickly move your hand, your hand together with your arm, or your two hands to grasp, manipulate, or assemble objects. Please rate your level of MANUAL DEXTERITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1 Screw a light bulb into a light socket
- | 2
- | 3
- | 4 Pack oranges in crates as quickly as possible
- | 5
- | 6
- | 7 Perform open heart surgery with surgical instruments
- |

| **A24 Finger Dexterity**

| Finger Dexterity The ability to make precisely coordinated movements of the fingers of one or both hands to grasp, manipulate, or assemble very small objects. Please rate your level of FINGER DEXTERITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Put coins in a parking meter

- | 3
- | 4 Attach small knobs to stereo equipment on an assembly line
- | 5
- | 6 Put together the inner workings of a small wrist watch
- | 7

| **A25 Control Precision**

| Control Precision The ability to quickly and repeatedly adjust the controls of a machine or a vehicle to exact positions. Please rate your level of CONTROL PRECISION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Adjust a room light with a dimmer switch
- | 3
- | 4 Adjust farm tractor controls
- | 5
- | 6 Drill a tooth

| 7

| **A26 Multilimb Coordination**

| Multilimb Coordination The ability to coordinate two or more limbs (for example, two arms, two legs, or one leg and one arm) while sitting, standing, or lying down. It does not involve performing the activities while the whole body is in motion. Please rate your level of MULTILIMB COORDINATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Row a boat
- | 3
- | 4 Operate a forklift truck in a warehouse
- | 5
- | 6 Play the drum set in a jazz band

| 7

| **A27 Response Orientation**

| Response Orientation The ability to choose quickly between "two or more movements" in response to "two or more different signals" (lights, sounds, pictures). It includes the speed with which the correct response is started with the hand, foot, or other body part. Please rate your level of RESPONSE ORIENTATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 When the doorbell and telephone ring at the same time, quickly select which to answer first
- | 3
- | 4 Hit either the automobile break or gas pedal in a skid situation
- | 5
- | 6
- | 7 In an out of control spacecraft, react quickly to restore control

| **A28 Rate Control**

| Rate Control The ability to time your movements or the movement of a piece of equipment in anticipation of changes in the speed and/or direction of a moving object or scene. Please rate your level of RATE CONTROL by clicking the circled number that best matches your level of

| ability.

| 0 I cannot do any level of this ability.

| 1 Ride a bicycle alongside a jogger

| 2

| 3

| 4 Keep up with a car that changes speed

| 5 Shoot a duck in flight

| 6

| 7

|

| **A29 Reaction Time**

| Reaction Time The ability to quickly respond (with the hand, finger, or foot) to a signal (sound, light, picture) when it appears. Please rate your level of REACTION TIME by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Start to slow down the car when a traffic light turns yellow

| 3

| 4 Throw a switch when a red warning light goes off

| 5

| 6 Hit the brake when a pedestrian steps in front of the car

| 7

|

| **A30 Wrist-Finger Speed**

| Wrist-Finger Speed The ability to make fast, simple, repeated movements of the fingers, hands, and wrists. Please rate your level of WRIST-FINGER SPEED by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Use a manual pencil sharpener

| 3 Carve roast beef in a cafeteria

| 4

| 5

| 6 Type a document at 90 words per minute

| 7

|

| **A31 Speed of Limb Movement**

| Speed of Limb Movement The ability to quickly move the arms and legs. Please rate your level of SPEED OF LIMB MOVEMENT by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Saw through a thin piece of wood

| 3

| 4 Swat a fly with a fly swatter

| 5

| 6 Throw punches in a boxing match

| 7

|

| **A32 Static Strength**

| Static Strength The ability to exert maximum muscle force to lift, push, pull, or carry objects. Please rate your level of STATIC STRENGTH by clicking the circled number that best

| matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Push an empty shopping cart

| 2

| 3

| 4 Pull a 40-pound sack of fertilizer across the lawn

| 5

| 6 Lift 75-pound bags of cement onto a truck

| 7

|

| **A33** Explosive Strength

| Explosive Strength The ability to use short bursts of muscle force to propel oneself (as in jumping or sprinting) or to throw an object. Please rate your level of EXPLOSIVE STRENGTH by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Hit a nail with a hammer

| 3

| 4 Jump onto a 3-foot high platform

| 5

| 6

| 7 Throw a shot-put in a track meet

|

| **A34** Dynamic Strength

| Dynamic Strength The ability to exert muscle force repeatedly or continuously over time. This involves muscular endurance and resistance to muscle fatigue. Please rate your level of DYNAMIC STRENGTH by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Use pruning shears to trim a bush

| 3

| 4

| 5 Climb a 48-foot long ladder

| 6 Perform a gymnastics routine using the rings

| 7

|

| **A35** Trunk Strength

| Trunk Strength The ability to use your abdominal and lower back muscles to support part of the body repeatedly or continuously over time without "giving out" or fatiguing. Please rate your level of TRUNK STRENGTH by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Sit up in an office chair

| 3

| 4 Shovel snow for half an hour

| 5

| 6 Do 100 sit-ups

| 7

|

| **A36** Stamina

| Stamina The ability to exert yourself physically over long periods of time without getting winded or out of breath. Please rate your level of STAMINA by clicking the circled number

| that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Walk 1/4 mile

| 2

| 3

| 4 Climb 6 flights of stairs

| 5

| 6 Run 10 miles

| 7

|

| **A37** Extent Flexibility

| Extent Flexibility The ability to bend, stretch, twist, or reach with your body, arms, and/or legs. Please rate your level of EXTENT FLEXIBILITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Reach for a microphone in a patrol car

| 3

| 4 Reach for a box on a high warehouse shelf

| 5

| 6 Work under the dashboard of a car

| 7

|

| **A38** Dynamic Flexibility

| Dynamic Flexibility The ability to quickly and repeatedly bend, stretch, twist, or reach out with your body, arms, and/or legs. Please rate your level of DYNAMIC FLEXIBILITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Hand pick a bushel of apples from a tree

| 3

| 4

| 5 Perform a dance routine as part of a cheerleading squad

| 6 Maneuver a kayak through swift rapids

| 7

|

| **A39** Gross Body Coordination

| Gross Body Coordination The ability to coordinate the movement of your arms, legs, and torso together when the whole body is in motion. Please rate your level of GROSS BODY COORDINATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Get in and out of a truck

| 3

| 4 Swim the length of a pool

| 5

| 6 Perform a ballet dance

| 7

|

| **A40** Gross Body Equilibrium

| Gross Body Equilibrium The ability to keep or regain your body balance or stay upright when in an unstable position. Please rate your level of GROSS BODY EQUILIBRIUM by clicking the

| circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Stand on a ladder

| 3

| 4 Walk on ice across a pond

| 5

| 6 Walk on narrow beams in high-rise construction

| 7

|

| **A41** Near Vision

| Near Vision The ability to see details at close range (within a few feet of the observer).

| Please rate your level of NEAR VISION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Read dials on the dashboard of a car

| 3

| 4

| 5 Read the fine print of a legal document

| 6 Detect minor defects in a diamond

| 7

|

| **A42** Far Vision

| Far Vision The ability to see details at a distance. Please rate your level of FAR VISION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1

| 2 Read a roadside billboard

| 3

| 4 Focus a slide projector

| 5

| 6

| 7 Detect differences in ships on the horizon

|

| **A43** Visual Color Discrimination

| Visual Color Discrimination The ability to match or detect differences between colors, including shades of color and brightness. Please rate your level of VISUAL COLOR DISCRIMINATION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

| 1 Separate laundry into colors and whites

| 2

| 3

| 4 Trace electrical circuits marked by various colored wires

| 5

| 6 Paint a color portrait of a live person

| 7

|

| **A44** Night Vision

| Night Vision The ability to see under low-light conditions. Please rate your level of NIGHT VISION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Read street signs at dusk (just before sunset)
- | 3
- | 4 Take notes during a slide presentation
- | 5
- | 6 Find your way through the woods on a moonless night
- | 7

| **A45** Peripheral Vision

| Peripheral Vision The ability to see objects or movement of objects to one's side when the eyes are looking ahead. Please rate your level of PERIPHERAL VISION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Keep in step while marching in a military formation
- | 3
- | 4 Be aware of the location of your teammates while dribbling a basketball
- | 5
- | 6 Distinguish friendly from enemy planes during air combat
- | 7

| **A46** Depth Perception

| Depth Perception The ability to judge which of several objects is closer or farther away from you, or to judge the distance between you and an object. Please rate your level of DEPTH PERCEPTION by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Merge a car into traffic on a city street
- | 3
- | 4 Operate a crane to move materials from a truck bed to the ground
- | 5
- | 6 Throw a long pass to a closely guarded teammate
- | 7

| **A47** Glare Sensitivity

| Glare Sensitivity The ability to see objects in the presence of a glare or bright lighting. Please rate your level of GLARE SENSITIVITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Drive on a familiar road on a cloudy day
- | 3
- | 4
- | 5 See boats on the horizon when sailing
- | 6 Snow ski in bright sunlight
- | 7

| **A48** Hearing Sensitivity

| Hearing Sensitivity The ability to detect or tell the differences between sounds that vary in pitch and loudness. Please rate your level of HEARING SENSITIVITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Notice when a watch alarm goes off
- | 3
- | 4 Diagnose what's wrong with a car engine from its sound
- | 5
- | 6 Tune an orchestra
- | 7
- |

| **A49** Auditory Attention

| Auditory Attention The ability to focus on a single source of sound in the presence of other
| distracting sounds. Please rate your level of AUDITORY ATTENTION by clicking the circled
| number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Listen to a lecture while people nearby are talking
- | 3
- | 4 Listen for your flight announcement at a busy airport
- | 5
- | 6 Listen to instructions from a coworker in a noisy sawmill
- | 7
- |

| **A50** Sound Localization

| Sound Localization The ability to tell the direction from which a sound originated. Please
| rate your level of SOUND LOCALIZATION by clicking the circled number that best matches your level
| of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Listen to a stereo to determine which speaker is working
- | 3
- | 4 Find a ringing telephone in an unfamiliar apartment
- | 5
- | 6 Determine the direction of an emergency vehicle from the sound of the siren
- | 7
- |

| **A51** Speech Recognition

| Speech Recognition The ability to identify and understand the speech of another person.
| Please rate your level of SPEECH RECOGNITION by clicking the circled number that best matches your
| level of ability.

| 0 I cannot do any level of this ability.

- | 1
- | 2 Recognize the voice of a coworker
- | 3
- | 4 Identify a former customer's voice over the telephone
- | 5
- | 6 Understand a speech presented by someone with a strange accent
- | 7
- |

| **A52** Speech Clarity

| Speech Clarity The ability to speak clearly so others can understand you. Please rate your
| level of SPEECH CLARITY by clicking the circled number that best matches your level of ability.

| 0 I cannot do any level of this ability.

- | 1 Call numbers in a bingo game

| 2
| 3
| 4 Make announcements over the loudspeaker at a sports event
| 5
| 6 Give a lecture to a large audience
| 7
|
ENDIF

[The following questions are displayed as a table]

B0a Oral Comprehension A

Finally, we will ask you some questions about five activities as they relate to your job. As before, you will be asked about a series of different abilities, but now we would like you to think how they relate to your current job – that is the job you hold now. You will be asked to answer two questions about each ability: For example: Arm-Hand Steadiness The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position.

A. How important is ARM-HAND STEADINESS to the performance of your current job?

- 1 Not Important*
- 2 Somewhat Important
- 3 Important
- 4 Very important
- 5 Extremely Important

B0b Oral Comprehension B

B. What level of ARM-HAND STEADINESS is needed to perform your current job?

- 0
- 1
- 2 Light a candle
- 3
- 4 Thread a needle
- 5
- 6 Cut facets in a diamond
- 7

[End of table display]

[The following questions are displayed as a table]

B1a Oral Comprehension A

Oral Comprehension The ability to listen to and understand information and ideas presented through spoken words and sentences. A. How important is ORAL COMPREHENSION to the performance of your current job?

- 1 Not Important
- 2 Somewhat Important
- 3 Important
- 4 Very important
- 5 Extremely Important

B1b Oral Comprehension B

B. What level of ORAL COMPREHENSION is needed to perform your current job?

- 0

- 1
- 2 Understand a television commercial
- 3
- 4 Understand a coach's oral instructions for a sport
- 5
- 6 Understand a lecture on advanced physics
- 7

[End of table display]

IF Oral Comprehension A > Not

Important and Oral Comprehension B = empty THEN

|

| **check_B** check_B

| You did not answer the previous question. Your answers are important to us. Please return to the
| previous question and answer it to the best of your ability.

|

ENDIF

[The following questions are displayed as a table]

B2a Inductive Reasoning A

Inductive Reasoning The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events). A. How important is INDUCTIVE REASONING to the performance of your current job?

- 1 Not Important
- 2 Somewhat Important
- 3 Important
- 4 Very important
- 5 Extremely Important

B2b Inductive Reasoning B

B. What level of INDUCTIVE REASONING is needed to perform your current job?

- 0
- 1
- 2 Decide what to wear based on the weather report
- 3
- 4 Determine the prime suspect based on crime scene evidence
- 5
- 6 Diagnose a disease using results of many different lab tests
- 7

[End of table display]

IF Inductive Reasoning A > Not

Important and Inductive Reasoning B = empty THEN

|

| **check_B** check_B

| You did not answer the previous question. Your answers are important to us. Please return to the
| previous question and answer it to the best of your ability.

|

ENDIF

[The following questions are displayed as a table]

B3a Number Facility A

Number Facility The ability to add, subtract, multiply, or divide quickly and correctly. A.

How important is NUMBER FACILITY to the performance of your current job?

- 1 Not Important
- 2 Somewhat Important
- 3 Important
- 4 Very important
- 5 Extremely Important

B3b Number Facility B

B. What level of NUMBER FACILITY is needed to perform your current job?

- 0
- 1 Add 2 and 7
- 2
- 3 Balance a checkbook
- 4
- 5 Compute the interest payment that should be generated from an investment
- 6
- 7

[End of table display]

IF Number Facility A > Not

Important and Number Facility B = empty THEN

|

| **check_B** check_B

| You did not answer the previous question. Your answers are important to us. Please return to the
| previous question and answer it to the best of your ability.

|

ENDIF

[The following questions are displayed as a table]

B4a Arm-Hand Steadiness A

Arm-Hand Steadiness The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position. A. How important is ARM-HAND STEADINESS to the performance of your current job?

- 1 Not Important
- 2 Somewhat Important
- 3 Important
- 4 Very important
- 5 Extremely Important

B4b Arm-Hand Steadiness B

B. What level of ARM-HAND STEADINESS is needed to perform your current job?

- 0
- 1
- 2 Light a candle
- 3
- 4 Thread a needle
- 5
- 6 Cut facets in a diamond

[End of table display]

IF Arm-Hand Steadiness A > Not

Important and Arm-Hand Steadiness B = empty THEN

|

| **check_B** check_B

| You did not answer the previous question. Your answers are important to us. Please return to the
| previous question and answer it to the best of your ability.

|

ENDIF

[The following questions are displayed as a table]

B5a Stamina A

Stamina The ability to exert yourself physically over long periods of time without getting winded or out of breath. A. How important is STAMINA to the performance of your current job?

1 Not Important

2 Somewhat Important

3 Important

4 Very important

5 Extremely Important

B5b Stamina B

B. What level of STAMINA is needed to perform your current job?

0

1 Walk 1/4 mile

2

3

4 Climb 6 flights of stairs

5

6 Run 10 miles

7

[End of table display]

IF Stamina A > Not

Important and Stamina B = empty THEN

|

| **check_B** check_B

| You did not answer the previous question. Your answers are important to us. Please return to the
| previous question and answer it to the best of your ability.

|

ENDIF

CS_001 HOW PLEASANT INTERVIEW

Could you tell us how interesting or uninteresting you found the questions in this interview?

1 Very interesting

2 Interesting

3 Neither interesting nor uninteresting

4 Uninteresting

5 Very uninteresting