

Cognitive Function Module

TIME

Time at start of cognitive test section (set by CfIntA)

CfIntA

In the next section of the interview, we will do some memory and concentration tasks and I will ask about your expectations for the future and how you feel now.

ENTER 1 AND CONTINUE

CfMetM

Part of this study is concerned with people's memory. How would you rate your memory at the present time? Would you say it is ...READ OUT...

- 1 excellent,
- 2 very good,
- 3 good,
- 4 fair,
- 5 or, poor?

CfInt

Now we will do the memory and concentration tasks. Some of them may seem rather easy but others are more difficult so please listen carefully. The tasks are designed so no-one gets the highest score possible. Please just do the best you can on all of them.

BEFORE STARTING THE TESTS, MAKE SURE RESPONDENT HAS GLASSES ETC IF NEEDED

ENTER 1 AND CONTINUE

CfDatD

Please tell me today's date.

CODE WHETHER DAY OF MONTH (^today's date) GIVEN CORRECTLY

- 1 day of month given correctly
- 2 day of month given incorrectly/doesn't know day

CfDatM

CODE WHETHER MONTH (^today's date) GIVEN CORRECTLY

- 1 month given correctly
- 2 month given incorrectly/doesn't know month

CfDatY

CODE WHETHER YEAR (^today's date) GIVEN CORRECTLY

- 1 year given correctly
- 2 year given incorrectly/doesn't know day

CfDay

And please tell me what day of the week it is today?

CORRECT ANSWER: ^day of the week

- 1 day of week given correctly
- 2 day of week given incorrectly/doesn't know day

TCfDscr

Computed score from date questions

Range: 0..4

TIME

Time at start of everyday memory test (set by CfProM)

CfProM

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Now I would like you to remember two things in order to assess everyday memory.

The first is remembering to do a task. At some point during the interview I will hand you this clipboard and a pencil. (SHOW RESPONDENT THE CLIPBOARD). When I do I would like you to write your initials on the top left hand corner of the piece of paper attached to the clipboard. Is that clear?

IF 'no' EXPLAIN FURTHER

The second task is for you to remind me to do something. When we finish the memory and concentration tasks I will say 'That is the end of the memory and concentration tasks'. When I do I would like you to remind me to record what time we finish the tasks. Is that clear?

IF 'no' EXPLAIN FURTHER

Press <Enter> to continue.

TIME

Time at start of word memory test (set by CfLsInt)

CfLsInt

For the next task the computer will 'read' a list of words which I will ask you to recall. First I'd like to check that you will be able to hear the computer voice - please listen to this short message.

PRESS 1 AND ENTER TO ACTIVATE THE TEST MESSAGE.

CfTest

IF RESPONDENT CANNOT HEAR PROPERLY ADJUST VOLUME ON LAPTOP, THEN GO BACK TO THE PREVIOUS QUESTION AND PRESS 'ENTER' TO PLAY THE TEST MESSAGE AGAIN.

IF RESPONDENT STILL CANNOT HEAR PROPERLY CODE THAT YOU WILL READ OUT THE LIST YOURSELF.

- 1 List read out by computer
- 2 List read out by interviewer

CfWrds

Records word list used for this respondent.

Range: 1..4

IF word list read out by interviewer rather than by computer: CfTest = 2

CfLisSt

I will now read a set of 10 words. I would like you to recall as many as you can. We have purposely made the list long so it will be difficult for anyone to recall all the words. Most people recall just a few. Please listen carefully to the set of words as they cannot be repeated. When I have finished, I will ask you to recall aloud as many of the words as you can, in any order. Is this clear?

IF NO, EXPLAIN FURTHER

READ OUT WORD LIST BELOW AT A SLOW STEADY RATE APPROXIMATELY ONE WORD EVERY 2 SECONDS.

IF word list A is being used: CfWrds = 1

WORD LIST A: Hotel River Tree Skin Gold Market Paper Child King Book

ELSEIF word list B is being used: CfWrds = 2

WORD LIST B: Sky Ocean Flag Dollar Wife Machine Home Earth College Butter

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ELSEIF word list C is being used: CfWrds = 3
|
| WORD LIST C: Woman Rock Blood Corner Shoes Letter Girl House
| Valley Engine
|
ELSE
|
| WORD LIST D: Water Church Doctor Palace Fire Garden Sea Village
| Baby Table
|
ENDIF
|
AFTER WORD LIST HAS BEEN READ OUT PRESS ENTER
|
ENDIF

IF list read out by computer: CfTest = 1
|
| CfLis
| The computer will now read a set of 10 words. I would like you to
| recall as many as you can. We have purposely made the list long so
it
| will be difficult for anyone to recall all the words. Most
| people recall just a few. Please listen carefully to the set of
| words as they cannot be repeated. When it has finished, I will ask
you to | recall aloud as many of the words as you can, in any order.
Is this
| clear?
| IF NO, EXPLAIN FURTHER
| IF YES, PRESS ENTER TO BEGIN TEST AND HAVE BOOKLET READY.
|
IF word list A is being used: CfWrds = 1
|
| CfSndA
| INTERVIEWER: AFTER WORD LIST HAS BEEN READ OUT PRESS ENTER
| ^Words from word list A above
|
ELSEIF word list B is being used: CfWrds = 2
|
| CfSndB
| INTERVIEWER: AFTER WORD LIST HAS BEEN READ OUT PRESS ENTER
| ^Words from word list B above
|
ELSEIF word list C is being used: CfWrds = 3
|
| CfSndC
| INTERVIEWER: AFTER WORD LIST HAS BEEN READ OUT PRESS ENTER
| ^Words from word list C above
|
ELSEIF word list D is being used: CfWrds = 4
|
| CfSndD
| INTERVIEWER: AFTER WORD LIST HAS BEEN READ OUT PRESS ENTER
| ^Words from word list D above
|
ENDIF
|
ENDIF

CfLisEn
Now please tell me the words you can recall.
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^Words from whichever word list selected at CfWrds

WRITE WORDS IN BOOKLET PROVIDED.

ALLOW AS MUCH TIME AS RESPONDENT WISHES - UP TO 2 MINUTES

ENTER NUMBER OF WORDS RESPONDENT CORRECTLY RECALLS

Range: 0..10

TIME

Time at start of animal test (set by CfAniSt)

CfAniSt

Now I would like you to name as many different animals as you can think of. You have one minute to do this. The computer voice will tell you when to stop. Ready, go.

PRESS 1 AND ENTER AS YOU SAY 'GO'.

TIME

(set by CfAni)

CfAni

WRITE ANIMALS MENTIONED IN BOOKLET PROVIDED.

ENTER NUMBER OF DIFFERENT ANIMALS MENTIONED

Range: 0..100

TIME

Time at start of prospective memory test (set by CfMem)

CfMem

ATTACH BOOKLET (OPEN TO THE LETTER CANCELLATION PAGE) TO THE CLIPBOARD AND HAND TO THE RESPONDENT ALONG WITH A PENCIL AND SAY: These are for you.

PAUSE FOR EXACTLY 5 SECONDS. IF NO RESPONSE, PROMPT:

You were going to do something when I gave you the clipboard and pencil. Can you remember what it was?

IF RESPONDENT SAYS 'AM I SUPPOSED TO....?' THEN SAY: 'Do whatever you think you are supposed to.'

CODE WHETHER OR NOT YOU PROMPTED RESPONDENT

1 No prompt given

2 Prompt given

TIME

Time at start of letter crossing test (set by CfLet)

CfLet

LETTER CANCELLATION PAGE

The next task is a measure of how rapidly you can do something. In a moment I will ask you to work through this list as quickly as you can crossing out all the P's and W's.

Start at the top left hand corner where the arrow is and work along the line. Then go to the beginning of the next line and work along the line again as if you were reading a page. Carry on this way crossing out all the P's and W's with one mark of pencil as in the example at the top of the page.

Please work as quickly and as accurately as you can. The computer voice will tell you when to stop.

You may begin now

PRESS 1 AND ENTER AS YOU SAY 'NOW'.

TIME

Time start of memory test - second (set by CfLetEn)

CfLetEn

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AFTER THE COMPUTER SAYS 'STOP NOW', SAY:
Please underline the letter on which you finished.
NOW TAKE BACK THE BOOKLET AND CLIPBOARD
ENTER 1 AND CONTINUE

CfMemS

CODE WHAT RESPONDENT DID WHEN YOU HANDED THEM THE CLIPBOARD AND PENCIL

- 1 Wrote their initials in top left hand corner
- 2 Wrote their initials somewhere else
- 3 Wrote something else in top left hand corner
- 4 Did something else
- 5 *^Did nothing/did not remember what to do*

CfPAScr

Score from first prospective memory test

CfLisD

A little while ago, you were read a list of words and you repeated the ones you could remember. Please tell me any of the words that you can remember now.

^Words from whichever word list selected at CfWrds

WRITE WORDS IN BOOKLET PROVIDED.

ALLOW AS MUCH TIME AS RESPONDENT WISHES - UP TO 2 MINUTES

ENTER NUMBER OF WORDS RESPONDENT CORRECTLY RECALLS.

Range: 0..10

TIME

Time at start of numeracy test (set by CfNInt)

CfNInt

Next I would like to ask you some questions which assess how people use numbers in everyday life.

IF NECESSARY, ENCOURAGE THE RESPONDENT TO TRY TO ANSWER EACH OF THE NUMERACY QUESTIONS

ENTER 1 AND CONTINUE

CfSumB

In a sale, a shop is selling all items at half price. Before the sale, a sofa costs £300. How much will it cost in the sale?

- 1 £150
- 2 £100
- 3 £200
- 4 £250
- 5 £600
- 95 Other answer
- 96 Doesn't know answer

CfSumC

If the chance of getting a disease is 10 percent, how many people out of 1,000 (one thousand) would be expected to get the disease?

- 1 100
- 2 10
- 3 90
- 4 900
- 95 Other answer
- 96 Doesn't know answer

CfSumD

A second hand car dealer is selling a car for £6,000. This is two-thirds of what it cost new. How much did the car cost new?

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- 1 £9,000
- 2 £2,000
- 3 £3,000
- 4 £4,000
- 5 £8,000
- 6 £12,000
- 7 £18,000
- 95 Other answer
- 96 Doesn't know answer

IF respondent responded incorrectly on all three previous maths questions

CfSumA

If you buy a drink for 85 pence and pay with a one pound coin, how much

change should you get back?

- 1 15 pence
- 2 25 pence
- 95 Other answer
- 96 Doesn't know answer

ENDIF

IF respondent replied correctly to any of the first three maths questions: CfSumB = 1 OR CfSumC = 1 OR CfSumD = 1

CfSumE

If 5 people all have the winning numbers in the lottery and the prize is £2 million, how much will each of them get?

- 1 £400,000
- 2 £200,000
- 3 £250,000
- 4 £500,000
- 95 Other answer
- 96 Doesn't know answer

ENDIF

IF respondent replied with the correct number of people that would be expected to get the disease, with the correct price of the car new, or with the correct amount received by each of the lottery winners: CfSumC = 1 OR CfSumD = 1 OR CfSumE = 1

CfSumF

Let's say you have £200 in a savings account. The account earns ten per

cent interest each year. How much would you have in the account at the

end of two years?

- 1 £242
- 2 £202
- 3 £204
- 4 £210
- 5 £220
- 6 £240
- 95 Other answer
- 96 Doesn't know answer

ENDIF

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TIME

Time at start of final section (set by CfEnd)

CfEnd

That is the end of the memory and concentration tasks.

PAUSE FOR EXACTLY FIVE SECONDS. IF NO RESPONSE, PROMPT:

You were going to do something when I said that. Can you remember what it was?

IF RESPONDENT SAYS 'Am I supposed to?' THEN SAY: 'Do whatever you think you are supposed to.'

CODE WHETHER OR NOT YOU PROMPTED RESPONDENT.

- 1 Prompt not given
- 2 Prompt given

CfPMB

CODE WHAT RESPONDENT DID

- 1 Reminded you to record the time
- 2 Did something else
- 3 ^Did nothing/did not remember what to do

CfWho

INTERVIEWER: WAS THERE ANYONE OTHER THAN YOU AND RESPONDENT IN THE ROOM WHILE YOU WERE CONDUCTING THE COGNITIVE FUNCTION TESTS?

- 1 No [exclusive code]
- 2 Yes - respondent's spouse or partner
- 3 Yes - other household member (adult)
- 4 Yes - other household member (child)
- 5 Yes - not a household member"

CfImp

INTERVIEWER: WERE THERE ANY FACTORS THAT MAY HAVE IMPAIRED RESPONDENTS PERFORMANCE ON THE TESTS?

- 1 Yes
- 2 No

IF interviewer thinks there are other factors that may have impaired the respondent's performance on cognitive function tests: CfImp = 1

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CfWhat

WRITE IN DETAILS

ENDIF