



Draft



GCSID#

--	--	--	--	--

Georgia Centenarian Study

Folstein Mini-Mental State Exam (MMSE)

Pilot Testing Booklet

Summer 2002

Date of Interview

--	--

/

--	--

/

--	--

MM

DD

YY

Time Begun

--	--

:

--	--

HH

MM





Draft



GCS ID#

--	--	--	--	--

Instructions

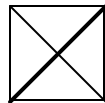
This is a brief, standardized measure of mental status. It takes about 10 minutes to administer.

You will need: a pencil, a watch and a piece of paper.

Tell the subject,

"I am going to test your memory. There are no time limits, take all the time you need."

**Fill in the blanks with responses from subject
and indicate if the responses are correct ...
i.e. with a check mark like this**



YES



NO





Draft



GCS ID#

--	--	--	--	--

This page has been intentionally left blank.





Draft

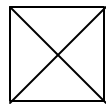


GCS ID#

1. Orientation

Ask subject the questions.

Fill in the blanks with responses from subject and indicate if the responses are correct ... i.e. with a check mark like this



YES



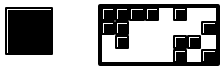
NO

Prompt if necessary.

Example:

	Subject's response	Is the reponse correct?	
What is the year?	<input type="text" value="1976"/>	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO





Draft

GCS ID#

Five empty boxes for GCS ID#

1. Orientation

A. You ask "What is today's date and season?" Correct?

What is the **year** ?

Empty box for year

YES NO

What **season** is this ?

Empty box for season

YES NO

What **month** is this ?

Empty box for month

YES NO

What **date** of the **month**?

Two empty boxes for date

YES NO

What **day** of the **week**?

Empty box for day of the week

YES NO

B. You ask "Can you tell me.....?" Correct?

What **town** are we in ?

Empty box for town

YES NO

What **county** are we in ?

Empty box for county

YES NO

What **state** are we in ?

Empty box for state

YES NO

What is your **home address** ?

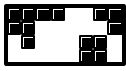
Large empty box for home address

YES NO

What is your **phone number** (or alternate number)?

Empty box for phone number

YES NO



Draft



GCS ID#

--	--	--	--	--

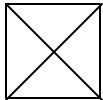
2. Registration

Tell the subject you will say three words and they should repeat them after you.

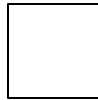
If the subject does not say all three words correctly, repeat the three words up to six times. List the number of trials needed.

This is done to prepare the subject for the delayed recall later in the instrument.

Fill in the blanks with responses from subject and indicate if the responses are correct ...
i.e. with a check mark like this



YES



NO





Draft



GCS ID#

2. Registration

You ask "I will say three words. Just listen and then repeat them for me.
TOOTHBRUSH, CIGARETTE, PEN"

Fill in the blanks with responses from subject and indicate if the responses are correct ...

i.e. with a check mark like this



YES



NO

Response of the subject

Toothbrush

Correct

Incorrect

Cigarette

Correct

Incorrect

Pen

Correct

Incorrect

Number of trials needed :





Draft

GCS ID#

--	--	--	--	--

3. Attention and Calculation

We want subjects to perform **both** the **SERIAL 7's** (subtracting 7's from 100) and spelling **WORLD** backwards. You should administer both tests, even if the subject gets the first entirely correct.

NOTE

A. SERIAL 7's

If the subject makes a mistake in subtraction, allow the subject to continue without correction. Scoring will not penalize cumulatively. You may demonstrate the subtraction exercise one time, if needed, but that example does not count and the subject must take an additional subtraction (down to 58).

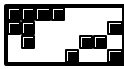
If you had to demonstrate the first subtraction (example, 93) indicate it by putting a checkmark for N/A so we will not count that.

Example:

Correct

Incorrect

N/A



Draft



GCS ID#

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------

3. Attention and Calculation

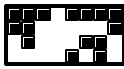
A.

You ask "I want you to start at 100 and then subtract (take away) 7, then take away 7 from that, and keep taking away 7 until I say stop. Okay?"

100	<input type="checkbox"/>	Correct	<input type="checkbox"/>	Incorrect	<input type="checkbox"/>	N/A
93	<input type="checkbox"/>	Correct	<input type="checkbox"/>	Incorrect	<input type="checkbox"/>	N/A
86	<input type="checkbox"/>	Correct	<input type="checkbox"/>	Incorrect	<input type="checkbox"/>	N/A
79	<input type="checkbox"/>	Correct	<input type="checkbox"/>	Incorrect	<input type="checkbox"/>	N/A
72	<input type="checkbox"/>	Correct	<input type="checkbox"/>	Incorrect	<input type="checkbox"/>	N/A
65	<input type="checkbox"/>	Correct	<input type="checkbox"/>	Incorrect	<input type="checkbox"/>	N/A
58	<input type="checkbox"/>	Correct	<input type="checkbox"/>	Incorrect	<input type="checkbox"/>	N/A

Total number of Correct Responses





Draft



GCS ID #

--	--	--	--	--

3. Attention and Calculation

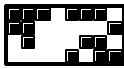
Now administer Part B.

NOTE

B. WORLD Backward

If the subject is illiterate, i.e. cannot spell WORLD frontwards, therefore cannot be expected to spell it backwards, ask the subject to provide any other word (such as his/her name) of equal or similar length that the subject knows to spell. Write that word on the score sheet and ask the subject to spell it backwards. Write the response verbatim and we will score it.





Draft



GCS ID#

3. Attention and Calculation

B. *You ask* "I want you to spell the word WORLD backwards."
OR
 "I want you to spell the word _____ backwards."

Correct Response:

Subject Response:

OR

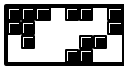
If the subject chooses another word instead, please write what the correct response of the chosen word is below and the subjects response.

Correct Response:

Subject Response:

Total Number of correct letters spelt backwards:





Draft



GCS ID#

--	--	--	--	--

4. RECALL

Here, you are asking the subject to recall the three words from the Section 2 a few minutes ago.

If no response, you may cue the subject with the first word, **toothbrush**, but then that response does not count.

Indicate the necessity of the cue by putting a check mark on N/A like this:

YES

NO

N/A





Draft

GCS ID#

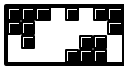
Five empty boxes for GCS ID#

4. RECALL

You ask "Can you tell me the three words I asked you to repeat a few minutes ago?"

Note: Indicate the necessity of the cue by putting a check mark on **N/A**

		<i>Response of the subject</i>		
Toothbrush	<input type="text"/>	<input type="checkbox"/> Correct	<input type="checkbox"/> Incorrect	<input type="checkbox"/> N/A
Cigarette	<input type="text"/>	<input type="checkbox"/> Correct	<input type="checkbox"/> Incorrect	<input type="checkbox"/> N/A
Pen	<input type="text"/>	<input type="checkbox"/> Correct	<input type="checkbox"/> Incorrect	<input type="checkbox"/> N/A
Calculate the total responses here:		<input type="checkbox"/> Correct	<input type="checkbox"/> Incorrect	<input type="checkbox"/> N/A



Draft



GCS ID#

--	--	--	--	--

5. Language and Praxis

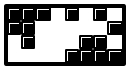
Follow the instructions for each item as given.

Section A: You will need a watch.

Section B: You will need a pencil.

Section C: You ask the subject to repeat a phrase "No ifs ands or buts".
If the subject get **8 -15** letters correct, give **1** point.
If the subject get **0 - 7** letters correct, give **0** points.





Draft



GCS ID#

--	--	--	--	--

5. Language and Praxis

A. You ask "What is this?" (*point at the watch*).

Subject's Response :

Correct

Incorrect

B. You ask "What is this?" (*point at the pencil*).

Subject's Response:

Correct

Incorrect

C. You ask "I am going to say a phrase, listen to it, and repeat it to me when i am completely finished"

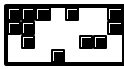
No ifs ands or buts.

Subject's Response:

If 8 -15 letters correct give **1** point.
 If 0 - 7 letters correct give **0** point.

Subject's score





Draft



GCS ID#

--	--	--	--	--

5. Language and Praxis

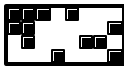
Follow the instructions for each item as given.

Section D: You need a sheet of paper.

Section E: You need a Card that says "Close Your Eyes". It is on the last page of the Folstein Exam

Section F: You need a sheet of paper and pencil.





Draft



GCS ID#

--	--	--	--	--

5. Language and Praxis

D. **You say** "Take this paper in your right hand, fold it in half, put it on the floor." (Lap instead of floor is okay if infirmity is present).

Takes paper in right hand	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Folds in half	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
Puts it on the floor	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

E. **You say** "Read this and do what it says" (show subject the Instruction Card).

Subject closed eyes	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
---------------------	--------------------------	-----	--------------------------	----

F. **You say** "Here's a pencil and a piece of paper. I want you to write a complete sentence for me. Just make one up, but be sure it is a complete sentence"

Is it a complete sentence?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
----------------------------	--------------------------	-----	--------------------------	----





Draft

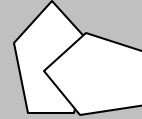


GCS ID #

--	--	--	--	--

5. Language and Praxis

- G. You need the drawing of two intersecting pentagons



You ask "Look at this drawing and make one just like it"
(Have the subjects perform this task on the following sheet of paper within the box, next to the original drawing).

Scoring:

All ten angles and the two intersections should be preserved.
Indicate below if the figure is correctly drawn disregarding shaky lines or rotation of the figure.

Figure drawn is

Correct

Incorrect





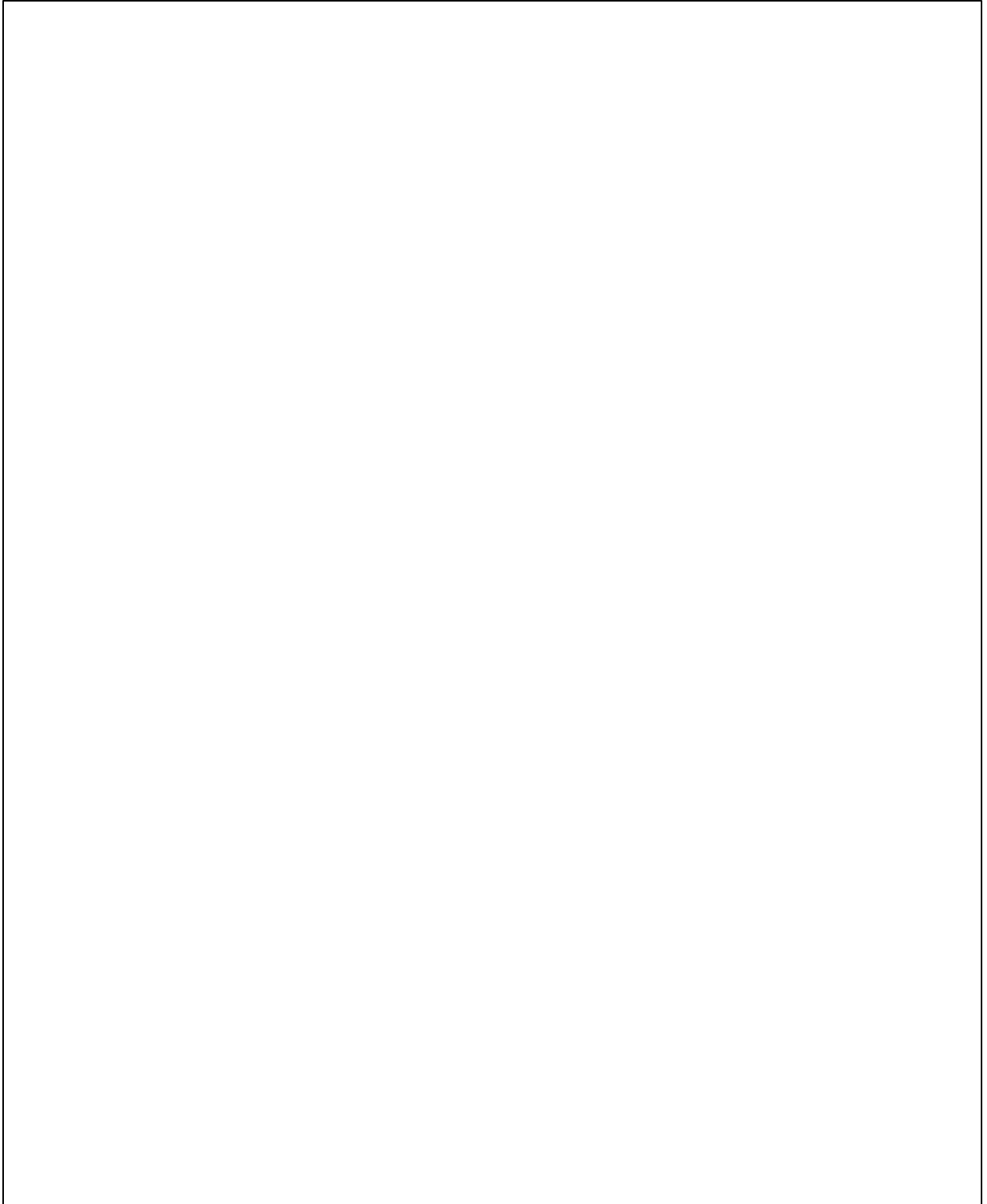
Draft

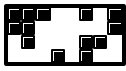


GCS ID#

--	--	--	--	--

G. Drawing two intersecting pentagons.





Draft



GCS ID#

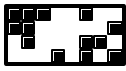
--	--	--	--	--

5. Language and Praxis

Section H: Estimate the subject's level of consciousness.

Checkmark the appropriate level like this





Draft



GCS ID#

--	--	--	--	--

5. Language and Praxis

H.

Estimate the subject's level of consciousness. Checkmark only one level.

Alert

Drowsy

Stupor

Coma

Time Ended

		:		
--	--	---	--	--

