

**NATIONAL ASSOCIATION of STATE
DEPARTMENTS of AGRICULTURE**

Score



Enumerator Selection Aid

This booklet is designed to show you some of the types of questions you may encounter as an interviewer. It contains questions on map reading, vocabulary, reading and following instructions and arithmetic. You will have **30 minutes** to finish (*20 minutes for State Office Enumerator Applicants not completing Part 1 - Map Reading*). The questions in this booklet need not be completed in any order. Answer first those that you can answer without delay. Then use the remainder of the time on the questions you have passed over. For questions requiring calculations, please show all work in the space provided.

Please complete the following information:

Name _____ Date _____
(Last) (First) (Middle Initial)

Address _____
(Route or Street)

(City) (State) (Zip)

County _____

Telephone Number (_____) _____

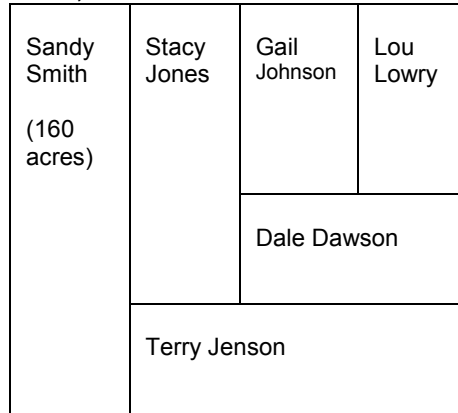
If you are applying for the job of: (Check one)

- Field Enumerator - Complete all Parts.
- State Office Enumerator - Skip Part 1 and complete Parts 2, 3 and 4.

DO NOT OPEN THIS BOOKLET UNTIL TOLD TO DO SO

PART 1 - MAP READING

The following drawing represents one square mile or 640 acres. The name inside each box is the owner of that land tract. For example, Sandy Smith owns one fourth of a square mile or 160 acres. Refer to the drawing for questions 1-10. For questions with multiple-choice answers, circle the correct answer.



For questions 1-4, acreage answers must be divisible by 40 (i.e. 80, 120, 160, etc.).

How many acres are owned by:

1. Stacy Jones? _____
2. Gail Johnson? _____
3. Dale Dawson? _____
4. Terry Jenson? _____
5. If Johnson, Lowry, and Dawson merged their land, what would be their combined acreage?
 - A. 80
 - B. 160
 - C. 240
 - D. 320
6. If Johnson sells all his land to Dawson and Lowry sells all his land to Jenson, which landowner within the square mile would own the most land?
 - A. Dawson
 - B. Jenson
 - C. Jones
 - D. Smith
7. If Jones sells half his land to Johnson and half to Dawson, which landowner within the square mile would own the most land? _____
8. If Jones land is rented to Sandy Smith for \$100 per acre, how much rent would Smith pay to Jones? _____
9. If Johnson and Lowry combine their land, what percentage of the acreage within the square mile would they own? _____
10. If Smith, Johnson, and Lowry combine their land, what percentage of the acreage within the square mile would they own? _____

(Continue on next page)

PART 2 - VOCABULARY

For questions 11-19, circle the answer which best fits the meaning of the word in capital letters.

11. Information obtained while interviewing is **CONFIDENTIAL**.
(*essential, important, interesting, reliable, secret*)
12. To conduct our surveys, we contact a **SAMPLE** of all farm operators across the state.
(*census, representation, aggregate, total, entirety*)
13. When questioning farmers about their crop acreage, they may have to respond with **INTENTIONS**.
(*contracts, futures, agreements, generalities, plans*)
14. Enumerators may have to **PROBE** when farmers give incomplete or unusual answers.
(*edit, reinterview, explore, revise, discard*)
15. A farmer may have grain storage **CAPACITY** and no crops or livestock.
(*stocks, supply, space, accumulation, inventory*)
16. Response on surveys is **VOLUNTARY**.
(*mandatory, optional, obligatory, required, command*)
17. An individual's survey data is **COMBINED** with other farmers' data.
(*ordered, sorted, filed, allocated, merged*)
18. The key to a successful interview is to be **COURTEOUS** and friendly.
(*skilled, decisive, polite, chatty, careful*)
19. It is important to collect the most **ACCURATE** data possible.
(*approximate, factual, comparable, careful, useable*)

(Continue on next page)

PART 3 - READING and FOLLOWING INSTRUCTIONS

For question 20, read the paragraph carefully. Select the statement best supported by the paragraph and circle the statement's letter.

20. At the start of the interview, farmer Devine states that this year's adverse weather affected his corn crop more than in the past. He planted his crop 3 weeks behind schedule due to heavy rains. Once the crop was in the field, additional rainfall reduced the effectiveness of the fertilizers and pesticides that had been added. Finally, just as the corn began to mature, the rain ended and the weather turned hot and dry. He said that he is about one half finished harvesting and his yields are running . . .

In which direction would you expect him to report for his corn yield?

- A - NORMAL FOR HIS FARM
- B - BELOW NORMAL FOR HIS FARM
- C - NOT ENOUGH INFORMATION, CANNOT TELL
- D - ABOVE NORMAL FOR HIS FARM

For questions 21-25, read each question and follow the instructions given.

21. Here are some numbers--

29 15 38 42 21 12 55 31

List the above numbers in order from **LARGEST** to **SMALLEST**. Then copy the sixth number into box d, the second number into box e, and the seventh number into box f.

d

f

e

22. Here are some letters--

M N H T D O U F

Put the above letters in REVERSE alphabetical order. Put the fifth letter into box 1, the third letter into box 3, and the seventh letter into box 2.

3

1

2

(Continue on next page)

23. A farmer has 16 beef cows, 11 milk cows, 1 bull, 13 heifers and 22 calves. In the box below, enter the number of milk cows in cell 252, beef cows in cell 251, heifers in cell 254, calves in cell 258 and the bull in cell 253. Then enter the sum of all animals in cell 250.

251
252
253
254
258
250

24. The farmer reported no hogs or pigs now or in the past but he planned to get a few pigs in October. Use the farmer's comments and refer to the questions below. Check the appropriate box (*either YES or NO*) and follow the enumerator instructions in brackets.

1. On June 1, were any hogs or pigs, regardless of ownership on the total acres operated?

YES [Go to question 15.] NO [Continue.]

2. Were any hogs or pigs on the total acres operated at any time during the period of March 1 through May 31 this year?

YES [Go to question 15.] NO [Continue.]

3. Will there be any hogs or pigs on the total acres operated from now through November 30?

YES [Go to next question.] NO [Go to next question.]

25. Farmer Willie Babb owns 410 acres. Of those 410 acres, he rents 60 acres of pasture to Dan Murray. However, Willie Babb rents 120 acres from Judy Campbell to raise corn and soybeans. In the table below, enter the various acreages for Willie Babb into the correct cells and enter the total acres he would be farming.

a. Owned	901
b. Rented from others	902
c. Rented to others	905
d. Total acres (a + b - c)	900

(Continue on next page)

Part 4 – ARITHMETIC

For questions 26 - 38, compute the answer and enter it in the space provided.

26. Add

$$\begin{array}{r} 22 \\ 19 \\ 7 \\ 65 \\ 31 \\ 79 \\ \hline 151 \end{array}$$

27. Subtract

$$\begin{array}{r} 681 \\ \underline{284} \end{array}$$

28. Divide (to the nearest tenth)

$$85 \overline{)1245}$$

29. Multiply

$$\begin{array}{r} 2000 \\ \underline{35} \end{array}$$

30. 71 out of 100 is what percent?.....	PERCENT	131
31. 75 percent of 400 is?		132
32. $\frac{3}{4}$ of 348 is?		133
33. A farmer applied 350 pounds of fertilizer per acre to 30 acres of corn. How many tons of fertilizer did he apply to the total 30 acres? TONS		134
34. A livestock operator weans an average of 7.5 pigs per litter. If the operator expects 24 sows to farrow next month, how many pigs can he expect to wean?.....	NUMBER	135
35. A dairy farmer has a herd of 52 cows producing an average of 65 pounds of milk per day. If milk is valued at \$11.50 per 100 pounds, what is the gross value of 1 day's milking from his herd ..	DOLLARS	136

Convert the following fractions to **ONE DECIMAL PLACE** (tenths). Remember, if .05 or greater, round up to the next tenth.

36. $4 \frac{3}{4} =$	137
37. $2 \frac{1}{2} =$	138
38. $\frac{1}{3} =$	139

END OF QUESTIONS, PLEASE REVIEW ANSWERS.

SUGGESTED SCORING

Applicant's Number Wrong		
Field	State	Office
0 - 4	0 - 3	Very Good
5 - 8	4 - 6	Above Average
9 - 12	7 - 9	Average
13 - 16	10 - 12	Below Average
Over 16	Over 13	Poor