

NATIONAL RADIO CLUB

EXAMINATION 2004

RULES:

All correct answers have appeared in DX News or on the DX Audio Service during the past 12 months, or is presently shown in the 24th Edition of the NRC Domestic Log.

When the examiner says stop, you must turn in your test sheets immediately. Any sheets turned in after the discussion of the questions begins will be excluded from consideration.

One point will be given for each correct answer regardless of difficulty. The person with the most points at the end will be declared the winner.

The correct answers relate only to A.M. stations.

Section A

1. If all the cities of the United States with at least one radio station were listed in alphabetical order, what city in the United States would be the first named?

_____ , _____
City State

2. What is the call sign of the one station licensed to that city?

3. If all the cities in the State of New York with at least one radio station were listed in alphabetical order, what city in New York State would be the first named?

4. What is the station in that city with the lowest operating frequency?

5. Batavia has a station. What other city is nearest here with a station?

NRC Examination continues . . .

6. List the stations in Rochester, NY in frequency order:

Call Sign	Frequency	Call Sign	Frequency
1 _____	_____ kHz	4 _____	_____ kHz
2 _____	_____ kHz	5 _____	_____ kHz
3 _____	_____ kHz	6 _____	_____ kHz

7. List the stations in Buffalo, NY in frequency order:

Call Sign	Frequency	Call Sign	Frequency
1 _____	_____ kHz	4 _____	_____ kHz
2 _____	_____ kHz	5 _____	_____ kHz
3 _____	_____ kHz	6 _____	_____ kHz

8. List other stations in New York State licensed to these cities:

	Call Sign	Frequency
Amherst	_____	_____ kHz
Auburn	_____	_____ kHz
Auburn	_____	_____ kHz
Avon	_____	_____ kHz
Brockport	_____	_____ kHz
Canandaigua	_____	_____ kHz
Canandaigua	_____	_____ kHz
Cheektowaga	_____	_____ kHz
Lancaster	_____	_____ kHz
Lockport	_____	_____ kHz
Niagara Falls	_____	_____ kHz
Niagara Falls	_____	_____ kHz
Penn Yan	_____	_____ kHz
Warsaw	_____	_____ kHz
Youngstown	_____	_____ kHz

Okay, that's enough about New York State. Let's move on.

NRC Examination continues . . .

We're close to Canada so let's take a little trip through nearby Ontario

9. For each frequency, list the call sign, city of license and night power:

<u>kHz</u>	<u>City in Ontario</u>	<u>Call</u>	<u>Night Power</u>
530	_____	_____	_____ kW
610	_____	_____	_____ kW
710	_____	_____	_____ kW
820	_____	_____	_____ kW
900	_____	_____	_____ kW
1150	_____	_____	_____ kW
1220	_____	_____	_____ kW

And that's all we'll ask you about Canada.

10. As you tune around the night-time dial, you hear an announcer telling about the Princeton High School car wash coming up on Saturday. For each dial position, tell the station, state and night-time power (go on, just guess!):

	<u>Call</u>	<u>State</u>	<u>Night Power</u>
1250	_____	_____	_____ kW
1300	_____	_____	_____ kW
1490	_____	_____	_____ kW
1680	_____	_____	_____ kW

11. Same situation, but this time the announcer is promoting a PTA meeting in the Newport High School auditorium next Thursday night.

	<u>Call</u>	<u>State</u>	<u>Night Power</u>
700	_____	_____	_____ kW
740	_____	_____	_____ kW
1020	_____	_____	_____ kW
1060	_____	_____	_____ kW
1280	_____	_____	_____ kW
1310	_____	_____	_____ kW
1490	_____	_____	_____ kW
1540	_____	_____	_____ kW

NRC Examination continues . . . but you're almost done

12. Here are some call letters of stations. Tell what the significance is of this collection of radio stations -- that is, why did we pick these out?

WLJM-940, WWNL-1080, KHCK-1480, WKXV-900

13. Radio stations are supposed to give a "legal" ID as close to the top of the hour as possible without interrupting the program in progress. Which of these would be a legal ID (if the station existed)? Just write yes or no on the line.

_____ "This is KAAC, Acura, Colorado at 750 on your dial with the best in 1940's jazz."

_____ "This is KAAC, 750 on your dial in Acura, Colorado."

_____ "This is KAAC, with the best in 1940's jazz for Acura."

_____ "7-50, This is KAAC, Acura, CO with the best in jazz."

_____ "Acura's Jazz voice, this is KAAC at 750 on your dial."

14. Here is a grouping of stations. What is so particular about the group?
730, 800, 900, 1050, 1220 and 1570 kHz.

15. You pass by a field with two radio towers, obviously used by one AM broadcast station. You know, therefore, that the pattern of radiation has to be a "Figure 8." (yes or no) _____

16. You pass by the towers of a station and hear them operating at 1560 but can't find a listing for any 1560 stations in that area. Your radio is not overloaded, although the signal is very strong. The local stations are on 650, 820 and 1430. Which station are you hearing? Answer: The one at _____.

17. FCC Rules apply to stations in Puerto Rico. That means that stations operating on our "Graveyard Frequencies" must not exceed 1,000 Watts of operating power, day or night. (yes or no) _____

18. Canadian rules are quite different from those of the FCC. How many Canadian stations are now operating with power in excess of 1,000 Watts at night on what we call "graveyard frequencies?" (Make a good guess) _____

There! You made it. Now turn in your papers and relax.