

TIN TRIVIA 4-20-2023

PREVIEW QUESTIONS

- 1. This ham hit .264 lifetime over 16 seasons in the American League of Baseball. He hit .309 in his highest season and 22 home runs for his highest home run production four years later.***
- 2. What is the oldest operational satellite that carries amateur radio?***
- 3. How many studios are at W1AW from which visiting hams can operate?***
- 4. Of the three current major Japanese manufacturers: which one first introduced amateur radio equipment to the market?
When did it start selling amateur equipment, and when did the other two begin?***
- 5. In what state is the office of CQ magazine?***
- 6. In what year was ARRL's first Field Day held?***
- 7. What famous ham radio operator tries to think about Elvis? Which one can't help it?***
- 8. What part of FCC rules governs amateur radio? How many Subparts does it have? Can you name them?***
- 9. Dr. Joseph Taylor, K1JT, won a Nobel Prize in 1993. In what field was his award?***
- 10. When were the Q-signals developed and by what organization?***

The approximate height of the E-layer is?

A: 0-10km

B: 50-80km

C: 90-150km.....(55 to 93 miles)

D: 25-55 miles

Where did the term "73" originate from?

A: Air Traffic Controllers.

B: The Railroad.

C: Old AM radio sign-off's.

D: Western Union.

According to the solar observatory in Zurich, Switzerland, the solar cycle that begun in what year, is now called first cycle?

A: 1492

B: 1755

C: 1834

D: 1904

What does "VOX" stand for?

A: Voice of America - eXtended

B: Variable Operator eXchange

C: Voltage Operated Xmitter.

D: Voice Operated Xmit.

If you qualify for DXCC (DX Century Club), you would automatically also qualify for WAZ (Worked All Zones).

A: True

B: False

Who first wrote the four equations that describe electromagnetic phenomena and are popularly called "Maxwell's Equations?"

A: Michael Faraday

B: James Clark Maxwell

C: Oliver Heaviside

D: Albert Einstein

What famous rock star is an Amateur Radio Operator?

A: Bill Haley

B: Jimi Hendrix

C: Elvis Presley

D: Joe Walsh

Which of the following is most closely related to the planetary "A-INDEX"?

A: MUF

B: Solar Flux

C: Tropospheric Ducting

D: K-Index

Of the following what is the best SWR match for an antenna?

A: 2:4

B: 1:1

C: 1.2:1

D: 3:3

Where is the newest Nikola Tesla museum located?

A: In Budapest

B: In Belgrad

C: In New York

D: In Colorado Springs

- 1) What amateur-invented AM mode is often heard around 14.230 MHz?
 - a. Fast-scan TV
 - b. Wide-band FM
 - c. Slow-scan TV
 - d. Working split
- 2) Amateurs are credited with the first documented observations of which unusual phenomenon?
 - a. Whistlers
 - b. Growlers
 - c. Long-delayed echoes
 - d. Sprites and jets
- 3) Who was the first ham to transmit from space via Amateur Radio?
 - a. Dave Garroway
 - b. Owen Garriott
 - c. Gary Owens
 - d. Garrett Phillips
- 4) What type of preamplifier, invented by hams, does not include a transistor, tube or other active amplifying device?
 - a. parametric
 - b. supercooled
 - c. negative-feedback
 - d. servo

5) Relegated to these in the early days of radio, hams found them to be prime radio real estate.

- a. Very Low Frequencies
- b. Sub-bands
- c. Quiet zones
- d. Short waves

6) VHF enthusiasts discovered and documented what unusual propagation mode?

- a. Transequatorial skip
- b. D-layer absorption
- c. Tropospheric propagation
- d. Continuous wave.

7) Grote Reber (ex-W9GFZ) pioneered what scientific discipline?

- a. Kirilian photography
- b. Telekinesis
- c. Radio astronomy
- d. Quantum mechanics

8) What communication mode pioneered by amateurs has been revolutionized by a Nobel laureate ham's software?

- a. Semaphore
- b. Long-path
- c. Chordal hops
- d. Moonbounce

9) Hams created what worldwide network to distribute e-mail via Amateur Radio?

- a. EMTOR
- b. FEC
- c. WINLINK
- d. FELD-HELL

10) Bob Dennison, W0DX, led the "Gone Waki" team in the first example of what popular activity?

- a. Field Day
- b. Transatlantic DX QSOs
- c. DXCC
- d. DXpeditions

Bonus Question: Which amateur-invented protocol lies at the heart of many commercial location tracking systems?

11-Where would you tune for a signal that has the same numeric value of frequency in MHz and wavelength in meters?

12. In Hawaii, KH6, to which of the continents does the antenna always point, no matter what the rotator control box says?

13. Which DXCC entity gives its name to a popular item of men's summer clothing?
14. On what holiday does the ARRL's Straight Key Night occur?
15. Who invented the first multi-band dipole antenna to use tuned traps?
16. Which two metals were used to make the first battery?
17. From what country was the first European to make a two-way contact with US hams?
18. Which circuit and structure have the same name?
19. If three known-value resistors are connected in series, how many measurements does it take to determine the power dissipation of all three?
20. What does the abbreviation WARC stand for?

Bonus Question: When movie character Rick Blaine says to Ilsa Lund "We'll always have Paris," in what DXCC entity is he standing?