

Madhya Pradesh Public Service Commission (MPPSC)



MPPSC DSP Radio Sample Paper

1 What does the "AM" in AM radio represent?

Answer: Amplitude Modulation

2. The first licensed commercial radio station debuted in 1920 in this city:

Answer: Pittsburgh

3. When was the first regular AM radio broadcast? (Hint: think sometime between the Wright stuff and the Titanic disaster.)

Answer: 1909

4. Who invented the FM band?

Answer: Edwin Howard Armstrong

5. Which of the following was NOT one of the NBC network 'colors'?

Your options: [Orange] [Red] [Green] [Blue]

Answer: Green

6. What type of radiation are radio waves considered to be?

Answer: Electromagnetic radiation

7. Which company ended up developing the first radio network in the USA?

Your options: [BMG] [RCA] [AT&T] [Motorola]

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Answer: AT&T

8. Transmitted voice was patented by

- A. Sir Reginald A. Fessenden
- B. Sir Nikola Tesla
- C. Sir Rudolf Diesel
- D. Sir Schuyler Skaats Wheeler

Ans: A

9. Radio signals were first time sent and received in

- A. 1888
- B. 1879
- C. 1895
- D. 1847

Ans: C

10. Radio was devised by an Italian inventor named?

- A. Sir Josip Belusic
- B. Sir Guglielmo Marconi
- C. Sir Benjamin Franklin
- D. Sir Martin Cooper

Ans: B

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11. In which one of the following countries Guglielmo Marconi sent and receives his first radio signal?

- A. France
- B. Italy
- C. London
- D. Egypt

Ans: B

12. Satellite transmissions work on what kind of signal

- A. AM
- B. FM
- C. UHF
- D. VHF
- E. PCM

Ans: E

13. Omnidirectional mics are used in field recordings for

- A. Capturing ambiance
- B. They are impervious to the proximity effect
- C. Capturing more than one source at a time
- D. All of the above
- E. None of the above

Ans: D

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14. The process of temporarily lowering the volume of a recording (or any source) to speak over it is called

- A. A quick fade
- B. A drop out
- C. A donut
- D. A hole
- E. None of the above

Ans: C

15. VSWR is a measure of an impedance mismatch between

- A. The antenna and the receiver
- B. The transmission line and its load
- C. The compressor and the oscillator
- D. The Antenna and the receiver and the transmission line and its load
- E. All of the above.

Ans: B