Jules' Workshop

Standard

Unit 15 – QUESTIONS

Q1 Describe how a dynamic speaker works.

Q2 What are ZS, ZO and ZL?

Q3 Name an unbalanced transmission line.

Q4 Name a balanced transmission line.

Q5 What is a waveguide?

Q6 How do you test a transmission line to measure the impedance?

Q7 ~~From the previous test, you got results of 500 Ω and 100 Ω. What is the impedance of the line?~~

Q8 What is the velocity factor of cables?

Q9 Explain what is the SWR?

Q10 ~~Measuring the signal on a transmission line, the maximum is 12 V and the minimum is 2 V. What is the SWR?~~

Q11 ~~Measuring the power of the signal on a transmission line, the maximum is 12 W and the minimum is 2 W. What is the SWR?~~

Q12 How are cable losses quantified?

Q13 What is a balun?

 © Jules Workshop 2026

Q14 ~~Connecting a balanced line of 450 Ω to an unbalanced line of 50 Ω. What are the turns ratio for the balun?~~

Q15 Name and draw two common ATU configurations.

~~Q16 What is a piezo electric speaker~~?

 © Jules Workshop 2026