

TELECOMMUNICATIONS TECHNICIAN

Selection Process I.D. #

6321/0324

EXAMINATION PLAN

I. WRITTEN EXAMINATION

Multiple-Choice - 60 items

Weight = 50%

Pass = 70% or better

Time Limit = 2 hours

Hand-held Calculator Permitted

Topic	# of Questions	Percentage
1. Principles	4	6.67
2. Electrical Math	5	8.33
3. Components	5	8.33
4. Circuits	4	6.67
5. Digital Logic	4	6.67
6. Receivers	6	10.0
7. Transmitters	6	10.0
8. Modulation	3	5.00
9. Power Sources	3	5.00
10. Antennas	5	8.33
11. Installation, Maintenance & Repair	5	8.33
12. Communications Technology	3	5.00
13. Safety	2	3.34
14. Interpersonal Relationships and Public Contact	5	8.33
Total	60	100.00

Reference Sources:

West, Gordon, & Trotter, P. *GROL + Radar: FCC Commercial Radio License Preparation Study Manual*. Niles, IL. Master Publishing. 2009. (55 items)

Fulton-Calkins, Patsy, Stulz, Karin M. *Procedures & Theory for Administrative Professionals*, South Western Cengage Learning. 2009. (5 items)

II. PHYSICAL ASSESSMENT (Must pass all components to proceed to QAB)

Pass/Fail

Time limit = 50 minutes

Lifting, climbing, vision

III. QUALIFICATIONS APPRAISAL BOARD (QAB)

Weight = 50%

Pass = 70% or better

The QAB is an oral board examination. Unlike a job interview, the QAB is very structured with a panel of board members taking turns asking applicants a set number of questions. The same questions are asked of each applicant participating in the QAB evaluation process for the open position. Since this is an examination, panel members are not allowed to ask clarifying or follow-up questions of the applicants.