







TEL/Q0102 - Broadband Technician - V4

Review Date - 01/06/2025

Theory:

S No.	Question Text	Choice 1	Choice 2	Choice 3	Choice 4	Correct Choice
1	You need to join a broken optical fiber which of the following will you use?	Splicer 	Plier 	Soldering Iron 	Hammer 	Choice 1
2	You need to clip wires at the customer's place which of the following will you use?					Choice 2
3	Identify the RJ45 connector from the given options.					Choice 1
4	For a broadband connection what minimum speed should be maintained?	64 kbps	32kbps	256 kbps	128kbps	Choice 3
5	You need to enter commands such as ping which of the following should you use?	Browser	Run	Explorer	Settings	Choice 2
6	For configuring a modem which of the following is necessary?	Internet protocol address	Gateway address	Domain name system address	All of the given options	Choice 4
7	You are required to record ping results with a timestamp which of the following will help you to do the same?	Writing a batch file	Appending the existing ping file	Windows batch scripting	Writing a 'Find Packet' command	Choice 1

8	In a broadband router, what does the given symbol depict? 	Internet	Digital Subscriber Line	Power	Ethernet	Choice 3
9	You need to determine the exact location in case of a cable fault which of the following processes will you use?	Fault isolation	Fault localization	Fault decipher	Resolution	Choice 2
10	After successful installation of a broadband connection which of the following procedures should be recorded?	Fault rectification	Customer premises equipment installation	Cleaning customer premises	Visiting customer premises	Choice 1

Practical and Viva:

S No.	Question Type	Question Text	Suggestion Solution	Equipment Required
1	Practical	Perform the following task: Troubleshoot the problem of broadband not working.	The candidate has: <ol style="list-style-type: none"> 1. Verified if the modem is switched on. 2. Verified if the landline is working. 3. Verified all the physical connections. 4. Checked for physical line. 5. Checked for connectivity between personal computer and modem. 6. Checked the PPPoE (Point to Point Protocol over Ethernet) configuration of the modem. 	<ol style="list-style-type: none"> 1. PC with Windows 2. Broadband connection
2	Viva	Mention the steps that you would follow for wiring equipment such as modem and phone to a laptop/computer.	The candidate has mentioned: <ol style="list-style-type: none"> 1. Connecting the main telephone line to ADSL (Asymmetric Digital Subscriber Line) splitter. 2. Splitting ADSL (Asymmetric Digital Subscriber Line) into two lines, i.e. phone and modem line. 3. Using RJ11 connector to connect phone with modem and RJ45 connector to connect modem with laptop/computer. 	