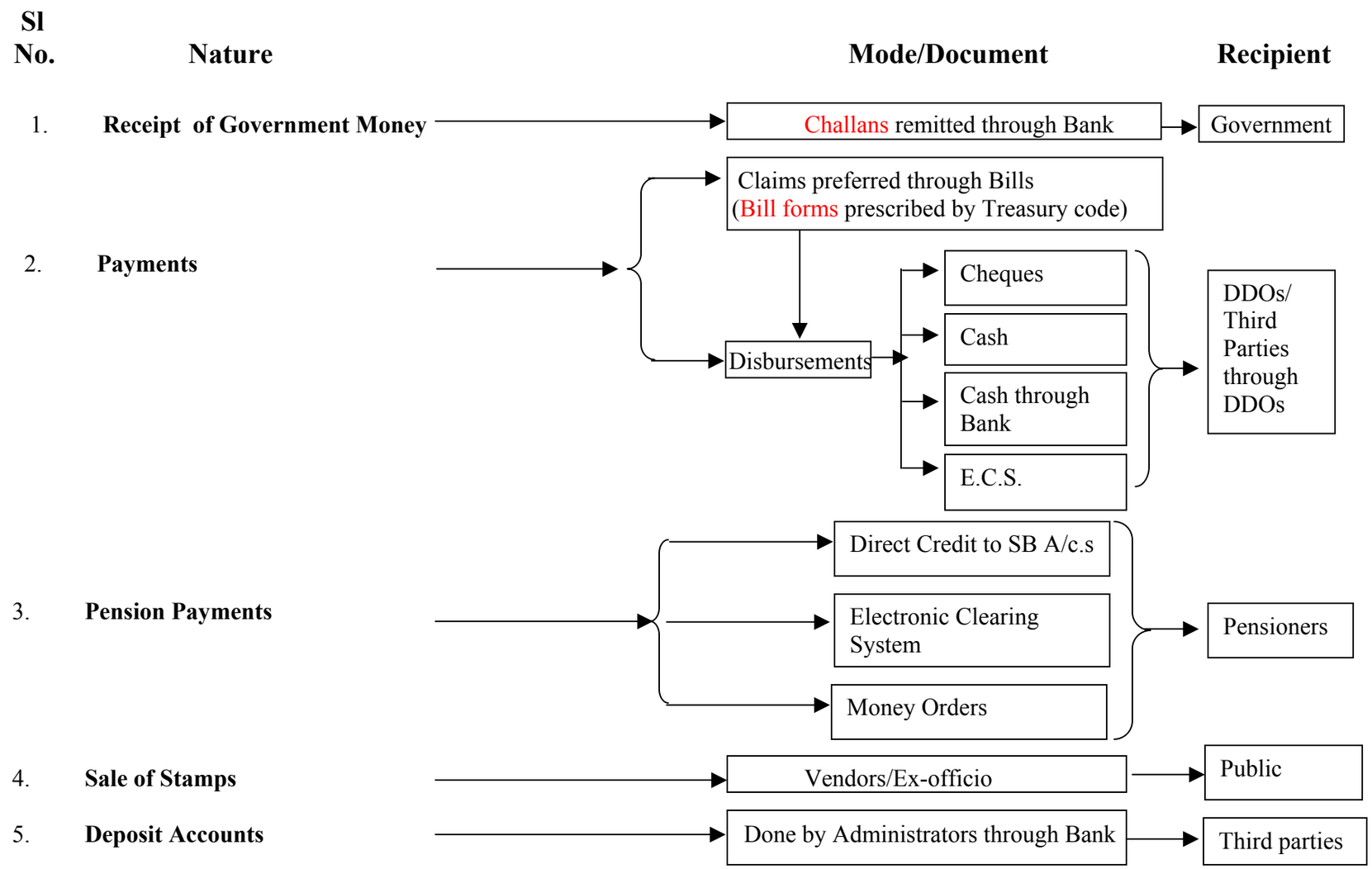TREASURY FUNCTIONS