Project 1: Building of an Automated System for Processing of Requests

Testing, Checking and Evaluation

#	Skill Measured	Applied In	Specific Application in this Flow	Points	Evaluation
1	Automated Trigger Configuration	Step 1	Configuring the MS Forms "When a new response is submitted" trigger to initiate the workflow upon user input.	10	
2	Variable Initialization & Management	Step 2	Defining a String Variable (RequestStatus) and setting a default value ('Pending') for use later in the lifecycle.	10	
3	External Data Retrieval (Connectors)	Step 3	Using the Excel Online (Business) connector to fetch a reference table (List rows...) containing Department Approver data.	10	
4	Data Operations (Filtering Arrays)	Step 4	Implementing the Filter Array action to query the Excel dataset and isolate the single row matching the user's "Department" selection.	10	
5	Expression Language (Data Extraction)	Step 4	Using a Compose action with expressions (e.g., body('Filter_Array')?[0]?['Email']) to extract a single email string from the data array.	10	
6	Concurrency Control (Parallelism)	Step 5	setting up a Parallel Branch to execute two independent actions (SharePoint logging and Teams notification) simultaneously for efficiency.	10	
7	Multi-Platform Integration	Step 5	interacting with two distinct ecosystems (SharePoint and MS Teams) within a single logic block to log data and notify users.	10	
8	Advanced Control Logic (Switch Cases)	Step 6	configuring a Switch control to handle multiple distinct paths based on the 'Priority' value ('High' vs. 'Normal').	10	
9	Approval Workflow Management	Step 7	implementing the Start and wait for an approval action, dynamically assigning the approver based on the email derived in Step 4.	10	
10	HTML Formatting & Conditional Output	Step 8	Constructing a dynamic HTML table within an Outlook email body and using Conditions to determine final status updates (Approve/Reject).	10	

Project 2: Building of Consolidation of Schedule of COD Mandatory Leaves and Dates of Surprise Assumption Automation

Testing, Checking and Evaluation

#	Skill	Where it appears in the Flow	Points	Evaluation
1	Integration (SP, Excel, Teams, Outlook)	Trigger (Schedule), Get Items (SP), List Rows (Excel), Post Message (Teams), Send Email (Outlook).	10	
2	MS Lists & MS Forms	Covered by the "Get Items" (Lists) and the implicit data source. *Note: Forms is usually a trigger, but for "Consolidation" flows, Scheduled triggers are better. If you strictly need Forms, see the "Alternative" below.*	10	
3	Approvals	"Start and wait for an approval" step included.	10	
4	Parallel Branching	Specifically requested in Step 2 to fetch SP and Excel data simultaneously (performance optimization).	10	
5	Variables	"Initialize Variable" step included at the start.	10	
6	Array Controls	"Filter Array" and "Select" data operations are explicitly requested to manipulate the data sets.	10	
7	HTML Modification	The prompt asks for "Create HTML Table" and specifically requests a replace expression to inject CSS (a common advanced interview skill).	10	
8	Conditions & Switches	Step 6 includes a Condition (Approved/Rejected) and a Switch (Department routing).	10	
9	Delays	A 1-hour delay is included in the "If No" branch.	10	
10	Compose	Used to merge data and log timestamps.	10	

Project 3: Preparation of Disbursement Vouchers

Testing, Checking and Evaluation

#	Skill	Where it appears	Application in your Solution	Points	Evaluation
1	JSON Parsing	Flow 1 (File Upload)	Using json(…) to extract the filename from the MS Forms attachment array.	10	
2	WDL Expressions	Flow 2 (Calc. Allowance)	Using div(sub(ticks(End), ticks(Start)), …) to calculate date differences.	10	
3	Trigger Conditions	Flow 2 (Trigger Settings)	Setting @equals(triggerBody()?['Status'], 'Approved') in settings.	10	
4	Sequential Logic	Flow 1 (Create vs Update)	Creating the item *first* to get the ID, then updating it to set the TAOno.	10	
5	Doc Generation	Flow 2 & 3 (PDFs)	Creating an HTML file in OneDrive, then using "Convert File" to make it a PDF.	10	
6	Inline Conditionals	Flow 1 (Tracker Logic)	Using if(…) inside the "Update Item" field to switch between TrackerNo and ID.	10	
7	Approvals V2	Flow 1 & 3	Using "Start and wait for an approval" to pause automation for human input.	10	
8	Date Formatting	Flow 1 (Tracker No)	Using formatDateTime(utcNow(), 'yyyyMMddHHmm') to generate IDs.	10	
9	Data Operations	Throughout all Flows	Using "Compose" for HTML templates and calculations vs. "Variables".	10	
10	Dynamic Attachments	Flow 2 & 3 (Email)	Passing the *file content* from OneDrive directly into the Outlook attachment field.	10	