Microsoft RPA Power Automate interview questions and answers

If you are seeking a job and unsure of the questions asked in interviews for Microsoft Power Automate, EmergenTeck has **Microsoft RPA Power Automate interview questions and answers** which will assist you in clearing your interview with ease. The questions asked in interviews can be very confusing and become quite tricky. The following is a list of all possible questions asked in Power Automate interviews, along with their answers.

1. Explain the different types of flow on Power Automate.
   i. Automated cloud flows – To trigger the flow by designated event.
   ii. Instant could flow – To trigger the flow manually as needed.
   iii. Scheduled cloud flows – To trigger the flow on based on the schedule timeline
   iv. Desktop flows – Automates process on desktop environment.

2. What is RPA LIFE CYCLE?

   Phases of RPA Life Cycle:

- Analysis: The first phase in RPA begins with analysis. Business team and RPA Architect work together to understand a business process for RPA development.
- Bot Development: RPA developer (Team) starts working on the requirement in their environment possibly a distinct development environment.
- Testing: Some companies conduct Testing by Separate Testing Team, while some have a dedicated testing team which performs a dedicated QA like normal SDLC flow. Best Practice is to have a dedicated testing team which performs QA of a developed bot.
- Deployment and Maintenance: After the Development and Testing phases, a bot is ready for distribution and enters maintenance phase.
- This question is frequently asked in RPA interviews. You should know the RPA Life Cycle.

3. What are the benefits of using RPA?

Benefits of using RPA

- It Saves Cost: Since it can automate almost all manual and repetitive tasks, you can reduce the size of your workforce and hence reduce costs.
- More Accurate in Lesser Time: To err is human, but computers or machines don't commit any mistakes, they do exactly as they are told and hence are more accurate.
- Easy to Implement and learn: Like earlier stated, there is no coding required. Any automation can be created using a simple drag and drop.
- No Coding Required! RPA can be implemented to automate any repetitive process which is done on a computer. This process can be related to any desktop tool or web application, if the process is repetitive it can be automated, that too with minimum coding required

4. What are the characteristics of RPA?

The following are the characteristics of RPA:

- User-friendly: Robotic Process Automation Software's are usually very easy to use and understand. There is no need to have special or extra knowledge for users to use RPA.
- Not Disruptive: The process transformation in RPA is very simple and straightforward.
- Coding is not required: No coding is required for the employees who work on RPA. They only need to have knowledge regarding how the RPA works.
- More efficient results in less time:They never make mistakes as humans do. Once you provide them with the right data along with rules and regulations, they will execute the same without any errors.
- Easy to use:The code required for automating tasks is minimal and not required anymore. So, it can be done by simply dragging and dropping into the system.

5. What is Email automation?

Email is that type of automation where we can automate all the email manual steps like sending the mail, receiving the mail, attaching the attachments, downloading the attachments.

6. What are the factors that are encouraging the organizations to proceed with RPA according to you?

- As of today, most of the business organizations are adopting RPA and the following factors that drive most of the organizations to adopt RPA are:
- RPA always makes sure that it provides error-free results.
- It can automate tasks as simple as the way we do copy-paste.
- RPA robots provide an easy way to tackle activities accurately even if the employees are out of an organization.
- RPA is only a one-time investment for an organization and results are forever.
- Companies won't require any special attention for quality verification and testing.
- It requires less human interaction which ensures no conflicts and fast operations.

7. Difference between RPA and BPM

Function	RPA	BPM
Technology	Software bots are configured to complete monotonous tasks that humans would normally do	Encompasses a wide range of software technology components such as workflow engine, business analytics,etc., to improve business performance.
Automation focus	Minimizes manual/ repetitive/rule-based tasks that do not require complex decision making	remove bottlenecks and shorter process cycle times, and improves productivity business-wide
Deployment effort	Non-disruptive works across an organization's existing processes and applications	A longer-term effort which requires dedicated technical resources depending on process complexity and depth of integrations.
Business impact	Returns can be acquired quickly and cost-effectively.	Wide gains can be achieved in overall productivity
Cost	Less expensive when compared to BPM.	BPM is expensive for enterprise applications.

8. What kind of automation we can achieve with Power Automate desktop?

   Power automate desktop is RPA tool to automate the desktop, web, PDF, Excel, Mainframe applications and Database, API.

9. Where the Power Automate cloud and desktop flow are stored?

   Power automate cloud flows is getting stored in Microsoft dataverse database and desktop flows are getting stored in the one drive account which we are using to access the cloud and desktop flows.

10. What programming language Power Automate desktop supports?

    Power automate desktop supports VBScript, JavaScript, PowerShell and Python.

11. What are the PDF operations can be performed using Power Automate desktop?
    - Extract Text From PDF
    - Extract Tables From PDF
    - Extract Images From PDF
    - Extract PDF files pages to new PDF
    - Merge PDF files.

12. How to connect database with Power Automate desktop?

    To connect database within Power Automate desktop, we have to use Open SQL connection action.

    In the Open SQL Connection action, we have to provide the connection string or we can select the database provider and provide all necessary details such as Server Name, User Name, Password and Database Name.

13. What are the different types of actions are present in Power Automate desktop?

By using Power Automate desktop we can do variety of operations like Read, Write, Delete, Execute Macro, Excel Formatting etc.

14. What are the different email actions are present in Power Automate desktop?
- Retrieve email messages from outlook
- Send email messages through outlook
- Process email messages in outlook
- Save outlook email messages

15. What is OCR? Different types of OCR engine are available in Power Automate desktop?

Optical character recognition is the electronic or mechanical conversion of images of typed, handwritten or printed text into text format.

By default, Windows and Tesseract engine are available freely. But we can integrate other paid OCR engines as well like Abbyy, OmniPage etc.

16. How to perform command prompt (CMD) actions using Power Automate desktop?

In Power automate desktop we can perform the read write operations with Read From CMD Session and Write To CMD session without opening the command prompt session.

17. What is Process Design Document (PDD) and Solution Design Document (SDD)

PDD - PDD stands for Process Definition Document, which outlines the business process to be developed within RPA. Typically prepared by the end-user and/or business analyst, the document is then used by the developer as the basis from which to design automated solutions.

SDD – SDD stands for Solution Design Document, the SDD is usually prepared by the developer and helps end-users understand how to implement the automated solution. They are created for every business

process that is automated using RPA and contain high-level design reports that describe the 'to-be' process.

18. How to calculate the difference between two dates?

In Power Automate Desktop we can calculate the date difference in Days, Hours. Minutes and Seconds by using the Subtract dates action.

19. How to keep data in encrypted format in Power Automate Desktop?

User can use, Mark As Sensitive property while storing the data into variable.

20. What is the Ui Elements?

To automate specific user actions in the user interface,UI elements are used. User interface (UI) elements are the parts used to build apps or websites. They add interactivity to a user interface, providing touchpoints for the user as they navigate their way around; think buttons, scrollbars, menu items and checkboxes.

How to shape your career in Power Automate?

https://youtu.be/3JW4fdOPWGw

How to Install Power Automate Desktop?

https://youtu.be/ccVNeSOCmLA

Free Demo | How to get started with Power Automate?
https://forms.gle/XEFvy8hRYcQpk5wN7

UiPath Interview Questions And Answers
https://www.kausalvikash.in/uipath-interview-questions-and-answers/