Topic: Publishing and Sharing in Power BI
Prerequisites: Give a written brief explanation for all questions.

1. What is the difference between Power BI Desktop and Power BI Online Service?

    Power BI Desktop is an app that is downloaded into Desktop. In Power BI Desktop, developing reports, DAX, Power Query are available. Power BI Online Service is used to publish and share reports and scheduled refresh is available.

2. How do you publish a Power BI report from Desktop to the Online Service?

    Open report in Power BI Desktop, Click Publish, sign in with Power BI Account, choose a Workspace, and Click Ok.

3. What is a workspace in Power BI? What are the types of workspaces available?

    A workspace is an environment in Power BI Online Service. There are two types of workspaces, My Workspace – for personal use of account owner. Shared workspace - for collaborative use. Used for teams or projects.

4. What is the difference between a workspace and an app in Power BI?

    Workspace is mainly for Developers and collaborators, editable by members, the data can be draft and shared with workspace members. App is for Consumers (end users) and can be only read until permission is given, content is published, finalized and can be shared with users, even outside workspace.

5. Explain the different Power BI license types and their limitations.

    Free license – Personal Development and Cannot share or collaborate. Pro - Share content, collaborate, use workspaces and Paid per user. Premium Per User (PPU) - Premium features + AI + larger dataset and Paid per user. Premium Capacity - Organization-wide; large models; enterprise and Paid per capacity.

6. How can you share a report with someone who doesn't have a Pro license?

    First way, Publish to a workspace assigned to Premium Capacity – viewers do not need Pro license. Second, export to PDF / Power Point. Third, share the pbix file itself.

7. What is a semantic model (dataset) in Power BI, and where is it stored in the service?

    After publishing from Power BI Desktop, semantic model also will be stored in the same workspace with the report.

8. How does Scheduled Refresh work in Power BI Online Service?

    Configured in dataset settings. Can be scheduled up to 8/day (Pro license) or 48/day (Premium) times. Requires a Gateway. Sends refresh failure notifications.

9. What is the difference between a dataset and a dataflow in Power BI?

   Dataset is stored inside Power BI Service, can be refreshed and for report consumption. For Dataflow premium license is required, Dataflow is stored in Dataverse, refreshed separately and can be used across datasets.

10. When and why would you use a dataflow instead of a dataset?

    When multiple datasets need common, reusable data, to centralize ETL logic and for large enterprise environments.

11. What are dashboards in Power BI Online? How are they different from reports?

    A Dashboard is a single-page collection of visuals pinned from reports or datasets. Dashboard: Summarized view. Report: Multi-page, interactive. Dashboards allow alerts, reports don't.

12. How do you pin a visual to a dashboard from a report?

    Open a report in Power BI Online Service, Hover over a visual. Click pin visual (Pin icon). Choose a dashboard.

13. What is the mobile view in Power BI and why is it useful?

    It is a view for tablets or phones. Visuals can be rearranged for better mobile experience. Available in Power BI Desktop.

14. What is a paginated report in Power BI and when would you use it?

    Paginated report is printable reports. Built with Power BI Report Builder. To publish a paginated report Premium or PPU license is required.

15. Can you export reports from Power BI Service to PDF or PowerPoint? How?

    Open report in Power BI Online Service, click on Export button on top left and choose the type (PDF, Power Point or Analyze in Excel).

16. What does "Live Connection" mean in Power BI Service, and how does it work?

    The report connects directly to a published semantic model. No data duplication. Changes to the dataset reflect immediately in the report. Supported for Analysis Services and Power BI datasets.

17. Explain Row-Level Security (RLS) and how it's applied in Power BI Online.

    Restricts data visibility based on user roles. First roles should be created in Power BI Desktop. Defined in Power BI Desktop (Model view > Manage roles). Applied automatically in the Service when users open reports. Needs Pro license to publish with RLS

18. How can you test RLS roles in Power BI Service?

    First, roles should be created in Power BI Desktop. After publishing, open the dataset in Power BI Online workspace. Select Security. Choose a role and click Test as role. You'll see the report from that role's perspective.

19. What are Apps in Power BI and how do you publish one?

    Packaged content from a workspace. Can include dashboards, reports, datasets. Published to users or groups with permissions. Easier distribution and updates than sharing individual reports.

20. What are some key benefits of using the Power BI Online Service in enterprise environments?

    Centralized content management & sharing. Integration with Microsoft 365 & Teams. Enterprise security (RLS, Azure AD integration). Scalable with Premium Capacity. Access anywhere: Web, Mobile, Embedded. Supports governance with audit logs, usage metrics.