

1. When a DBA meets with stakeholders like developers, data engineers, and architects to discuss database design, which of the following might be discussed?

1 / 1 point

- ☒ Stress test scenarios for measuring the database's maximum load
- ☐ What platform will be used to develop the database software
- ☐ The cost of server resources
- ☐ Which logs will be reviewed daily

✓ **Correct**

Correct, DBAs plan how to test the database's load by planning how to stress it.

2. Which is an essential part of the Design and Plan stage of the database life cycle?

1 / 1 point

- ☒ Database modeling
- ☐ Monitoring and maintenance
- ☐ Automating repeating tasks
- ☐ Identifying users

✓ **Correct**

Correct. In working on a database plan, it's important to model the database to assess how the parts will interact, how users will access the database, and so on.

3. Which of the following database life cycle phases involves automating repeating tasks?

1 / 1 point

- ☐ Monitoring and maintenance
- ☐ Requirements analysis
- ☒ Implementation
- ☐ Design and plan

✓ **Correct**

Correct. DBAs set up automation for repeating tasks like backups, restores, and deployments to improve efficiency.

4. What is transparency?

1 / 1 point

- ☐ Using color coding to make the user interface easier to understand.
- ☐ Regular maintenance and backup of the database.
- ☐ Letting all users know who is using the system at all times.
- ☒ Making sure owners of information know what data you plan to collect and how you will use it.



Correct

Correct. Transparency is an important ethical practice that builds trust and respect.

5. What is a best practice for compliance?

1 / 1 point

- ☒ Check to make sure you understand all the regulations that may affect your organization on the national, international, and industry levels.
- ☐ Make sure you follow laws, but don't worry about industry standards.
- ☐ Write a report every day about what you have done and the time you spent on it.
- ☐ Always host your database in the cloud.



Correct

Correct. Failure to comply with all relevant laws and specifications may result in loss of business, data insecurity, or even legal action.

