1)what is IOC principle of Spring?

2)what is IOC container ?

3)What is Bean Factory ?

4)what is applicationcontext ?

5)What is bean in springboot ?

6)What is ambiguity Problem in springboot ?

7) what happens when you don’t provide @Component ?

8) what is @Primary ?

9)what is @Qualifier?

10)what is dependacy injection. Explain with @Autowired?

11)Class level vs Field level vs Method level annotations in java Springboot..

12)what happens when two beans have the same name in @Component ?

13)Can we have 2 @Primary beans of the same type.

14)@RestController vs @Controller

15)@Service vs @Component.

16)explain DI and it’s types.

a)Field

b)Constructor

c)Setter

17)Flow of Spring-boot application.

18) explain 200, 400, 404, 405, 500 , 403, 300 error codes.

19) @RequestParam explaination.

20) @PathVariable / dynamic Query.

21)what is @RequestBody ?

22) what are the different types of relations in hibernate Jpa?

23) how do you add a foreign key in the Entity ?

24) @Service vs @JpaRepository vs @RestController

25) what is Idempotency in springboot ?

26)How will you make the Post method Idempotent ?

27)Put vs Patch. With implementation.

28) How does springboot application start ?

29) Explain @SpringBootApplication annotation.

30)Lazy vs Eager Loading.

31)What is the difference between Entity , Pojo and DTO.

32) How will you make a relation bidirectional?

33)What are Actuators ?

34) What is Lombook ?(@Data , @NoArgs @AllArgs)

35) What is devtools dependency ?

36)What is Swagger ?

37) What is Postman tool?

38)what is the role of Spring Starter dependency ?

39)How will you create a Custom Actuator endpoint ?

40) Give account of important actuator endpoints.

41)Spring Profiles (\*)

42)In Memory database (H2 Console \*)

43)Why is CI preferred over field injection in Dependency Injection in the Springboot.

44) Explain @Autowired.

45) How will you decide the health of your microservice ?

46) How will you calculate the startup and running time of the springboot application ?

47)@Mappedby and @JoinColumn.

48) Explain the types of Cascades in the springboot.

49)what is Cascade=CascadeType.ALL in Springboot ?

50) what is ORM (hibernate ) fundamentally ?

51) Difference between Hibernate and Spring Data JPA ?

52)what is Code first and Database first approach in Springboot ?

53)What are the different strategies to autogenerate the Primary keys automatically.(  
@GeneratedValue(Strategy=GenerationType.identity)

@GeneratedValue(Strategy=GenerationType.UUID),

@GeneratedValue(Strategy=GenerationType.Sequence)

etc.(5 are there , go through it))

54)why it is preferrable to return an Object instead of plain data in springBoot ?

55) What is Jackson Library in the springboot ?

56)@RequestMapping vs @RestController.

57) Explain the flow of request(Client) to response (Server) in springboot.

58)What is commandLineRunner I/F and it’s use in the Springboot.

59)Why is Maven necessary to execute the POM.XML operations.

60)What is Pagination in SpringBoot ?

61) Advantages of Pagination is SB.

62) Pageable vs Pagerequest.

63) Sort (.class in pagination ) vs. Sort() (method, Stream api)

64)How will you fetch the limited data in the descending order on specific field in the springboot /

65)@CrossOrigin ?

66)AllowedHeaders vs AllowedOrigins in CQRS.