**Q1.** Which of the given annotation is used to execute spring boot application?

**1)**. **@Configuraton**

**2)**. **@EnableAutoConfiguration**

**3)**. @Resource

**4)**. @Bean

**Q2.** Consider the following SpEL expression:  
  
<property name=“smallCities" value="#{cities.?[population lt 100000]}"/>   
  
Which of the folloing statements are correct about this code?(Assume that cities is a list that exists)

**1)**. This example uses a projection operator

**2)**. **This example uses a selection operator**

**3)**. **It retrieves list of cities whose population is less than 100,000**

**4)**. **The "smallCities" property will be wired with list of cities objects**

**Q3.** Given the code snippet below, which of the following statements are true?  
          @PersistenceContext  
    private EntityManager entityManager;  
     public void registerUser() {  
     User usr = new User(); // Line 1  
     usr.setName(“John”); // Line 2  
     entityManager.persist(usr); // Line 3  
   }             
                                        Please choose all the answers that apply:

**1)**. At line 1 the user instance is a managed Entity

**2)**. **At line 1 the user instance is a new Entity**

**3)**. At line 1 a new record will be inserted in the user table

**4)**. At line 2 the entityManager will immediately reflect user name change to the database

**5)**. **At line 3 the entityManager will immediately reflect user name change to the database**

**Q4.**SpEL's \_\_\_\_\_\_\_\_\_\_ operator gives access to static methods and constants on a given class

**1)**. **#{}**

**2)**. **T()**

**3)**. Type

**4)**. Ternary

**Q5.** Which of the given options are implementation of DataSource?

**1)**. **BasicDataSource**

**2)**. **ConnectionDataSource**

**3)**. **DriverManagerDataSource**

**4)**. **PoolingDataSource**

**Q6.**Which of the given syntax is correct to get a unique instance of a bean each time it is asked for?

**1)**. **<bean id=“foo” class=“com.igate.Foo” scope=“prototype” />**

**2)**. <bean id=“foo” class=“com.igate.Foo” scope=“singleton” />

**3)**. <bean id=“foo” class=“com.igate.Foo” scope=“request” />

**4)**. <bean id=“foo” class=“com.igate.Foo” scope=“session” />

**Q7.** Which of the given class is configured for internationalization?

**1)**. CustomEditorConfigurer

**2)**. PropertyPlaceHolderConfigurer

**3)**. **ResourceBundleMessageSource**

**4)**. AspectJWeaving

**Q8.** <util:list id="cities">  
    <bean class=“trg.spring.City"  
         p:name="Chicago" p:state="IL" p:population="2853114"/>  
    <bean class=" trg.spring.City"  
         p:name="Atlanta" p:state="GA" p:population="537958"/>  
     <bean class=" trg.spring.City"  
          p:name="Dallas" p:state="TX" p:population="1279910"/>  
     ……  
</util:list>  
Which of the given statement is true about above code?

**1)**. **It will create a bean of type java.util.List that contains all of the values or beans that it contains.**

**2)**. util:list need to be replaced by list

**3)**. **p is the namespace used to set properties of beans**

**4)**. **All of the above**

**Q9.** The projection operator in SpEL is:

**1)**. .?[]

**2)**. **.![]**

**3)**. **#{}**

**4)**. .#[

**Q10.** How many ways you can configure EntityManagerFactory in Spring?

**1)**. LocalEntityManagerFactoryBean

**2)**. EntityManagerFactory lookup over JNDI

**3)**. LocalContainerEntityManagerFactoryBean

**4)**. **All of the above**