**Pregunta 1**

Select the correct creation of Date/Time objects (choose 3):

1. LocalDateTime ldt=LocalDateTime.now();
2. LocalDate ld=LocalDate.of(2000,10,30);
3. LocalTime lt=new LocalTime(10,30,45);
4. LocalDate ld=LocalDate.of(2003,2,30);
5. LocalDateTime ldt=LocalDateTime.of(LocalDate.now(), LocalTime.now());

**Pregunta 2**

What will the following code print when compiled and run?

*Instant init = Instant.parse("2022-06-25T16:13:30.00z");*

*init.plus(10, ChronoUnit.HOURS);*

*System.out.println(init);*

*Duration duration = Duration.ofHours(1);*

*Instant instant = init.plus(duration);*

*System.out.println(instant);*

*LocalDateTime ltd = LocalDateTime.ofInstant(instant, ZoneId.of("GMT+2"));*

*System.out.println(ltd);*

1. 2022-06-25T16:13:30Z

2022-06-25T17:13:30Z

2022-06-25T15:13:30

1. T16:13:30Z

T17:13:30Z

2022-06-25T19:13:30

1. 2022-06-25T16:13:30Z

2022-06-25T17:13:30Z

2022-06-25T19:13:30

1. T16:13:30Z

T17:13:30Z

2022-06-25T15:13:30

**Pregunta 3**

Given that Daylight Savings Time ends on Nov 1 at 2 AM in US/Eastern time zone, what will the following code print?

*LocalDateTime ld = LocalDateTime.of(2022, Month.OCTOBER, 31, 10, 0);*

*ZonedDateTime date = ZonedDateTime.of(ld, ZoneId.of("US/Eastern"));*

*date = date.plus(Duration.ofDays(1));*

*System.out.println(date);*

*date = ZonedDateTime.of(ld, ZoneId.of("US/Eastern"));*

*date = date.plus(Period.ofDays(1));*

*System.out.println(date);*

1. 2022-11-01T09:00-05:00[US/Eastern]

2022-11-01T09:00-05:00[US/Eastern]

1. 2022-11-01T09:00-05:00[US/Eastern]

2022-11-01T10:00-05:00[US/Eastern]

1. 2022-11-01T10:00-05:00[US/Eastern]

2022-11-01T09:00-05:00[US/Eastern]

1. 2022-11-01T10:00-05:00[US/Eastern]

2022-11-01T10:00-05:00[US/Eastern]

**Pregunta 4**

Which of the following classes should you use to represent just a date without any time or zone information?

1. java.sql.Date
2. java.time.LocalDateTime
3. java.time.format.DateTimeFormatter
4. java.time.LocalDate
5. java.time.Instant

**Pregunta 5**

Given:

*var ldt1=LocalDateTime.of(2020,11,20,22,30,15);*

*var ldt2=ldt1.minusHours(3);*

*var zdt1=ZonedDateTime.of(ldt1,ZoneId.of("GMT"));*

*var zdt2=ZonedDateTime.of(ldt2,ZoneId.of("GMT-5"));*

*System.out.println(Duration.between(zdt1, zdt2));*

What will this code print?

1. PT2H
2. PT3H
3. PT8H
4. The code throws an exception