**1: function used to convert a string to camel case**

Ans: INITCAP

**2: function to check the existence of a value in a column**

Answer: instr

**3: CSV format works well with complex types like array.**Ans : No

**4: which file format works well with complex data type**

Parquet

**5: How to handle duplicate columns in join expression**

Answer:

1: change the join expression from a Boolean expression to a string or sequence

2: Dropping the column after the join

3: Renaming a column before the join

**6: Functions that is used to check the existence of a value in a string**

Answer: INSTR

**7: Spark will throw an error if it cannot parse the date: True or False**

Answer: False. Spark will not throw an error if it cannot parse the date; rather, it will just return null

**8: Mention any 5 functions used for null handling**

Answer: Coalesce, ifnull, nullif, nvl, nvl2, drop, fill, replace

**9: Function used to split a column value into rows**

Answer: Explode

**10: Read modes specify what will happen when Spark does come across malformed records. Which is the default read mode in spark.?**

If need options: Permissive, dropMalformed, failFast

Answer: **permissive**