Q1/Fill in the blanks? 16 mark

1- Function ofMold boards plow (plough) -------------,----------------,--------------.

2- Cotyledons stay below the ground in --------- germination But----------- germination cotyledons are pushed above ground.

3- There are different kinds of seed shapes for example globular shape like --------- and -----------is another example of irregular shape.

4- The stage of germination are ---------,--------- and ---------.

5---------- a mature plant ovule containing an embryo.

6- -------- is a samples of oil crops and ----------- is a fiber crop also -------- is a sample of edible plant they planted in Grdarasha field .

7- Rotary plough is suitable for ---------- and -------------.

**Q2/** A/ Write different between monocot and Dicot? 8 Mark

**B/**write advantage of soil leveling**? 6 Mark**

**C/** what did you learn to visit Agriculture Research Directorate /Erbil? 10 Mark

**Q3**/Find Germination percentage, Raicle elongation speed and 10 Mark

Seed value for following data 100 seed germination in library:

The seed purity = 75%

The germinated seeds = 90 seeds

The first plant raicle length after 10 day = 8 cm

The second plant length = 10 cm

P3=9, P4=11 , P5=7 cm

The final counting after 8 days = 90 seedlings

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