

- Q.4 The machine used for digging holes for tree plantation. (CO4)
- a) Hydrodozer b) Scraper
- c) Post hole digger d) Ditcher
- Q.5 A method of correcting unwanted inertia forces
- a) Vibration b) Balancing (CO2)
- c) Tension d) Centrifugal force
- Q.6 The implement used for making bunds or ridges by collecting the soil (CO5)
- a) Ridger b) Bund former
- c) Puddler d) Digger

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 What is the function of rotavator? (CO5)
- Q.8 Name two types of gears used in machinery. (CO1)
- Q.9 Define tilt angle. (CO5)
- Q.10 Name two types of couplings used in agriculture. (CO3)

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- Q.11 What is the function of chiesel plough? (CO4)
- Q.12 Define vibration. (CO2)

SECTION-C

Note: Short answer type Questions. Attempt any eight questions out of ten Questions. (8x4=32)

- Q.13 What are different types of seed metering mechanisms used in planter? (CO6)
- Q.14 What are different types of balancing? (CO2)
- Q.15 What are different methods of power transmission in farm machines? (CO1)
- Q.16 What are the objectives of tillage. (CO5)
- Q.17 What are the different methods of sowing crops? (CO6)
- Q.18 What are the advantages of rotavator over other implements? (CO4)
- Q.19 Give classification of implements according to field operations. (CO6)
- Q.20 Give any three differences between seed drill and planter. (CO6)

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