

- Q.4 The implement that cuts and turns the soil in two opposite directions for forming ridges. (CO5)
- a) Ridger b) Bund former
c) Puddler d) Digger
- Q.5 The part of harrow that scraps the soil from concave side of the disc and keeps it clean for effective working (CO4)
- a) Spacer b) Scraper
c) Clevis d) Gang
- Q.6 To and fro motion of a particle about a fixed point (CO2)
- a) Balancing b) Vibration
c) Transmission d) Structure

SECTION-B

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

- Q.7 Write two causes of vibration? (CO2)
- Q.8 What is the function of subsoiler? (CO4)
- Q.9 State the function of wheel hand hoe. (CO5)
- Q.10 List different types of drives in machines. (CO1)
- Q.11 Name two types of bearings used in agriculture. (CO3)
- Q.12 What is the use of transplanter? (CO6)

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SECTION-C

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

- Q.13 Differentiate seed drill and planter. (CO6)
- Q.14 What are the harmful effect of vibrations in machines and their remedies. (CO2)
- Q.15 Classify agricultural implements according to hitching. (CO4)
- Q.16 What are different types of bearings used in farm machinery? (CO3)
- Q.17 What are different adjustments of disc plough? (CO5)
- Q.18 What are different drives for power transmission in machinery? (CO1)
- Q.19 What are the advantages of rotavator over other tillage implements? (CO5)
- Q.20 Give the difference between Oldham and Universal coupling. (CO3)
- Q.21 Describe the constructional detail of Disc harrow. (CO5)
- Q.22 Describe the working of sugarcane planter. (CO6)

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