



**BLANK PAGE**



PART - A

Marks : 40

भाग - अ

अंक : 40

Note : Attempt all the **twenty** questions. Each question carries 2 marks. Answer should not exceed 15 words.

नोट : समस्त २० प्रश्नों के उत्तर दीजिये। प्रत्येक प्रश्न के लिये २ अंक निर्धारित है। उत्तर १५ शब्दों से अधिक नहीं होना चाहिये।

1 What is vaccination ?

टीकाकरण क्या है ?

---

---

---

---

---

---

---

---

2 What is milk fever ?

दुग्ध ज्वर क्या है ?

---

---

---

---

---

---

---

---

3 Define balanced food.

सन्तुलित आहार को परिभाषित कीजिए।

---

---

---

---

---

---

---

---

4 Define whole milk.

पूर्ण दूध को परिभाषित कीजिए।

---

---

---

---

---

---

---

5 What is Silage ?

साइलेज क्या है ?

---

---

---

---

---

---

---

6 Write importance of colostrum.

खीस का महत्व लिखिए।

---

---

---

---

---

---

---



7 Clarify the meaning of "Weaning".

‘विनिंग’ का अर्थ बताइए।

---

---

---

---

---

---

---

---

8 What is Pasteurization ?

पास्तुरीकरण क्या है ?

---

---

---

---

---

---

---

---

9 Write nutritional value of cheese.

पनीर का पोषणमान लिखिये।

---

---

---

---

---

---

---

---



10 Give definition of Economics as given by Lionel Robbins.

लियोनेल रोबिन्स के अनुसार अर्थशास्त्र की परिभाषा दीजिए।

---

---

---

---

---

---

---

---

11 Define average physical production and marginal physical production.

औसत भौतिक उत्पादन तथा सीमान्त भौतिक उत्पादन की परिभाषा दीजिए।

---

---

---

---

---

---

---

---

12 Write meaning of the communication process.

संचार प्रक्रिया का मतलब लिखिए।

---

---

---

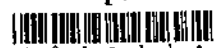
---

---

---

---

---



13 What do you mean by variable costs ?

चल लागतों से तुम्हारा क्या अभिप्राय है ?

---

---

---

---

---

---

---

---

14 What do you mean by co-operative farming ?

सहकारी खेती से आपका क्या अभिप्राय है ?

---

---

---

---

---

---

---

---

15 What do you understand by lead banks ?

लीड बैंक से आप क्या समझते हैं ?

---

---

---

---

---

---

---

---

16 Mention types of farm efficiency indicators.

फार्म कुशलता संकेतकों के प्रकारों का उल्लेख कीजिये।

---

---

---

---

---

---

---

---

17 Mention types of I.C. Engines.

आई. सी. इंजिन के प्रकारों का उल्लेख कीजिये।

---

---

---

---

---

---

---

---

18 What is puddler ?

'पडलर' क्या है ?

---

---

---

---

---

---

---

---





19 Define "Watershed".

“जलग्रहण” को परिभाषित कीजिये।

---

---

---

---

---

---

---

---

20 List out various sources of "Farm Power".

फार्म पावर के विभिन्न स्रोतों को सूचिबद्ध कीजिए।

---

---

---

---

---

---

---

---



**PART – B**

**Marks : 60**

**भाग – ब**

**अंक : 60**

**Note :** Attempt all the twelve questions. Each question carries 5 marks. Answer should not exceed 50 words.

**नोट :** समस्त १२ प्रश्नों के उत्तर दीजिये। प्रत्येक प्रश्न के ५ अंक निर्धारित हैं। उत्तर ५० शब्दों से अधिक नहीं होना चाहिए।

**21** Write main features of Murrah buffalo.

मुर्रा भैंस के मुख्य लक्षण लिखिए।

---

---

---

---

---

---

---

---

---

---

---

---

**22** Write symptoms of oestrus in cows.

गायों में मद के लक्षण लिखिए।

---

---

---

---

---

---

---

---

---

---

---

---





25 What is 'TRYSEM' ? Give its any two features.

“ट्रायसम” क्या है ? इसकी कोई दो मुख्य विशेषताएँ बताइए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

26 Describe the role of primary agriculture co-operative societies (PACS).

प्राथमिक कृषि सहकारी समिति की भूमिका की विवेचना कीजिए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



27 Write concepts of Extension education.  
प्रसार शिक्षा की धारणा लिखिए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

28 What was the objectives of nationalisation of banks ?  
बैंकों के राष्ट्रीयकरण के क्या उद्देश्य थे ?

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



29 What are the functions of Reserve Bank of India ?  
रिजर्व बैंक आफ इण्डिया के क्या कार्य हैं ?

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

30 Describe the 'Law of Diminishing Return' in farm management.  
फार्म प्रबन्धन में हासमान प्रतिफल के नियम की विवेचना कीजिए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



31 Discuss role of solar and wind energy in agriculture development.

कृषि विकास में सौर एवं पवन ऊर्जा की भूमिका की विवेचना कीजिये।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

32 Differentiate between field strip cropping and contour strip cropping.

फील्ड पट्टी खेती एवं समोच्च पट्टी खेती में अन्तर स्पष्ट कीजिए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



**PART - C**

भाग - स

**Marks : 100**

अंक : 100

**Note :** Attempt any five questions. Each question carries 20 marks. Answer should not exceed 200 words.

**नोट :** कोई भी ५ प्रश्न कीजिये। प्रत्येक प्रश्न के लिए २० अंक निर्धारित हैं। उत्तर २०० शब्दों से अधिक नहीं होना चाहिए।

**33** Live stock is the back bone of rural economy of Rajasthan. Explain the statement in detail.  
पशु-सम्पदा राजस्थान की ग्रामीण अर्थव्यवस्था की रीढ़ की हड्डी है। इस कथन की विस्तार से विवेचना कीजिए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---







- 34 Describe in detail housing systems in poultry farming.  
मुर्गी पालन के गृह प्रबन्ध प्रणाली का विस्तृत वर्णन कीजिये।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---









- 36 Explain rural leadership. Describe various methods of selection of leaders.  
ग्रामीण नेतृत्व को समझाइये। नेता के चयन के विभिन्न तरीकों का वर्णन कीजिए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



37 Discuss in detail the meaning and importance of finance in Agriculture.  
 कृषि में वित्त के अर्थ तथा महत्व की विस्तार से चर्चा कीजिए।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



Lined writing area with 25 horizontal lines.

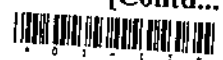






01 - II ]

[Contd...



- 39 Calculate the velocity and carrying capacity of flow in a channel if its bottom width is 40 cm., side slope is 1:1, depth of water is 80 cm., hydraulic slope is 0.1 percent and roughness coefficient of channel is 0.04.

सिंचाई नहर में पानी की गति तथा जल बहाव क्षमता की गणना कीजिए। यदि इसके तले की चौड़ाई 40 से.मी., किनारों का ढाल 1:1, पानी की ऊँचाई 80 से.मी., तले का ढाल 0.1 प्रतिशत तथा नहर का सिंचाई घर्षण गुणांक 0.04 हो।

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



fth  
ent  
ई  
हर

Lined writing area with horizontal lines.

SPACE FOR ROUGH WORK / रफ कार्य के लिए जगह

---



SPACE FOR ROUGH WORK / रफ कार्य के लिए जगह

---

01 - II ]

31

[Contd...



SPACE FOR ROUGH WORK / रफ कार्य के लिए जगह

---



