

00145

**B.Tech. Civil (Water Resources Engineering)**

**Term-End Examination**

**June, 2012**

**ET-537(B) : AGRICULTURAL LEGISLATION  
AND MANAGEMENT**

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** *Answer any seven questions.*

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1. (a) What are the major factors for improving agricultural productivity in India ? 5
- (b) Examine the contributions of NABARD in improving economic health of farmers. 5
  
2. (a) Discuss the importance of animal husbandry in economy of farmers. 5
- (b) Briefly describe the following breeds : 1x5=5
  - (i) Sahiwal,
  - (ii) Murrah,
  - (iii) Large White Yorkshire,
  - (iv) Silver Carp,
  - (v) Assel

3. (a) What is difference between risk and uncertainty ? What kind of risks usually Indian farmers face in farming ? 5
- (b) Why some agricultural technologies are considered scale neutral, while others not ? Explain with examples. 5
4. (a) Briefly discuss the role of co-operatives and commercial banks in rural finance. Why the need to establish Regional Rural Banks (RRB) was realised and how far it succeeded in its objectives ? 5
- (b) What were the major hurdles in achieving the objectives of Land Reforms in India ? Explain. 5
5. Discuss briefly the functioning of Crop Insurance Scheme in India. What are the major problems in its wider adoption and implementation ? 10
6. (a) Differentiate between 'Control Measures' and 'Regulatory measures'. How these two measures are important for sustainable agricultural growth ? 5
- (b) Write short notes on : 1.25x4=5
- (i) Bonded labours
- (ii) Institutional and commodity approach
- (iii) Gender inequity and minimum wage act
- (iv) Objectives of Extension

7. (a) Name the Agro-climatic regions in India. 5  
What are the essential plant nutrients ?  
How plant nutrients are associated with  
Agro-climatic regions ?
- (b) Discuss the advantages of AGMARK in 5  
regulating the food quality in India.
8. (a) Briefly discuss the problems and prospects 5  
of cattle insurance in India.
- (b) What are the precautionary measures to 5  
control pests and diseases in field crops ?
9. What were the major recommendations of 10  
National Commission on Agriculture on  
Pricing ? Currently which organisation  
announces Minimum Support Price (MSP) and  
how many commodities are covered under it ?  
How did agricultural pricing help farmers ?
10. (a) Discuss the role of vast network of National 5  
Agricultural Research System (NARS) in  
India in agricultural development.
- (b) Increasing area under irrigation is becoming 5  
most limiting factor in agriculture. Suggest  
suitable plan and strategy for increasing  
irrigated area for any region