

**PARUL UNIVERSITY**  
**COLLEGE OF AGRICULTURE**

**B.Sc. (Hons.) Agriculture Winter 2019 - 20 Examination**

Semester: 1

Date: 06/12/2019

Subject Code: 20101104

Time: 10:30 AM to 01:00 PM

Subject Name: Agriculture Heritage

Total Marks: 50

**Instructions**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

**Q.1 Do as Directed.****A. Fill in the blanks. (Each of 0.5 marks)****(05)**

1. .... is the National Institute which governs all Education and Research on Horticulture Sector of the country.
2. Green revolution was launched in the country for ..... sector.
3. Full form of CIAE is .....
4. Full form of NDDDB is .....
5. .... Fertilize company is located at Vadodara City of Gujarat State.
6. .... and ..... are major horticulture crops of Kutchh district.
7. The adoption of Micro-Irrigation system is very high in ..... district of Gujarat State.
8. in ..... pockets of Gujarat State the maximum Sugarcane Industries are occurred.
9. The maximum pulse processing industries are existed in ..... town of Gujarat State.
10. Full form of GGRC is .....

**B. Multiple choice type questions. (Each of 0.5 marks)****(10)**

- 1). The blue revolution in Agriculture Sector is for
 

|                           |                            |
|---------------------------|----------------------------|
| (a). Agriculture Crops    | (c). Water and Fish        |
| (b) Fruits and Vegetables | (d). Greenhouse Technology |
- 2). The white revolution in Agriculture Sector is for
 

|                            |                    |
|----------------------------|--------------------|
| (a). Milk and Milk product | (c) Water and Fish |
| (b). Fruits and Vegetables | (d). Oilseeds      |
- 3). The GDP rate of country is depended on
 

|                                       |   |
|---------------------------------------|---|
| (a). Agriculture Production           | (c). Export of Agriculture Production                                 |
| (b). Prices of Agriculture Production | (d). Production, Export and Consumption of Products at Domestic level |
- 4). Role of Agro-Processing Industries are
 

|  |                                   |
|--|-----------------------------------|
| (a). To generate employment in a particular pocket   | (c). To increase national economy |
| (b). To achieve higher price of Agriculture produces | (d). All of above                 |
- 5). The function of NABARD is
 

|                                |  |
|--------------------------------|--|
| (a). Credit finance to farmers | (c). Monitoring local Rural Agricultural Banks |
| (b). All (a, b, c and d).      | (d). Develop Agricultural Education            |
- 6). The perishable agricultural products transport to long distance places using ..... technology to increase shelf-life
 

|            |                      |
|------------|----------------------|
| a) Bio gas | c) Electricity       |
| b) Cooling | d) None of the above |
- 7). Seed Spices commodity categories under ..... crops.
 

|                 |                                |
|-----------------|--------------------------------|
| a) Horticulture | c) Aromatic & Medicinal Plants |
| b) Agriculture  | d) Oil Seed Crops              |
- 8). The Major Crop of West Bengal State is
 

|            |                |
|------------|----------------|
| (a). Paddy | (c). Soybean   |
| (b). Wheat | (d). Groundnut |

- 9). In Modern Harvesting Technology for Agriculture Crops ..... machine is used to harvest the Paddy and Wheat.
- (a). Combine harvester (c). Sicke  
(b). Mower (d). None of above
- 10). The Maximum Ground nut oil industries are situated in ..... district of Gujarat State.
- (a). Junagadh ©. Rajkot  
(b). Bhavnagar (d). Gir Somnath
- 11). In India ..... district of Maharashtra is famous for onion production.
- (a). Nagpur (c). Nasik  
(b). Jalgaon (d). Pune
- 12). Maximum cultivation and production of Potato is occurred in..... district of Gujarat
- (a). Himatnagar (c). Mehsana  
(b). Kheda (d). Deesa
- 13). The agriculture sector of India has occupied almost ..... percent of India's Geographical area.
- (a). 40-45 (c). 55-60  
(b). 30-35 (d). above 60
- 14). The pearl millet crop (Ragi) is widely cultivated in ..... state of India.
- (a). Madhypradesh (c). Orrisa  
(b). Uttarpradesh (d). Bihar
- 15). Which is the Major Pearl Millet Crop cultivated in Maharashtra State
- (a). Juwar (c). oat  
(b). Bajara (d). Ragi
- 16). Pradhan Mantri Gram Sinchai Yojana (PGSY) is for
- (a). Farm Mechanisation (c). Modern irrigation  
(b). Hybrid seed production (d). green house technology
- 17). ..... is a Central Government Scheme providing funds to state Governments to spend on Agriculture
- (a). Paramparagat Krishi Vikas Yojana (c). Pradhanmantri Gram Sinchai Yojana  
(b). Rashtriya Krishi Vikas Yojana (d). Pradhanmantri Gram sadak Yojana
- 18). ..... apps are used in Agriculture for checking the grain prices, market evaluations, news and finance
- (a). Econ Apps (c). Cals Apps  
(b). Guide apps (d). ITc Apps
- 19). Plants which are produced genetically have advantages
- (a). Resist diseases & pests (c). Less expenditure for diseases & pests  
(b). produce higher yield (d). All of above said
- 20). The Directorate of Economics and Statistics, Ministry of Agriculture (DESMOA) is responsible
- (a). Weekly and daily whole sale prices (c). Farm harvest prices  
(b). Retail prices of essential commodities (d). All of above

**Q.2 Do as Directed.**

**A. Define the following. (Any five)**

**(05)**

1. Define Agriculture
2. Define yellow revolution
3. State the aim of Pradhanmantri Gram Sinchai Yojana
4. Define protected cultivation in Agriculture
5. State the Use of ID Apps in Agriculture
6. Write the importance of Modern Irrigation Methods in Agriculture
7. State the function of NSCI (National Seed Corporation of India)

**B. Answer the following. (Any Five)**

**(05)**

1. State the different name of modern irrigation methods used by the famers.
2. What is the role of FCI (Food Corporation of India) in Nation development.
3. Enlist the different policy launched by state government for farmers benefits.

4. State the aim of Green Revolution of Agriculture
5. State the benefit of technological development in Agriculture
6. Indicates the weakness (Threats) in Agriculture Scenario
7. State the use of cold storage

**Q.3 Write short notes. (Anyfive)**

**(10)**

1. Role of Agriculture in Indian economy
2. State the importance of Farm Mechanisation
3. Write the importance of Agriculture Bio-Technology
4. State the use of Information Technology (ITc) in Agriculture
5. State the importance of International Trade in Agriculture Sector
6. Explain evergreen revolution in Agriculture Sector

**Q.4 Attempt any Three/Long Questions/Example**

**(15)**

1. State salient facts about Agricultural scenario
2. Explain in details the different Post Harvest Operations follow by the farmers
3. State the role of advanced technology in Agriculture Development
4. Explain opportunities to develop Agriculture Scenario for future
5. State the Scope of Agribusiness in the country