

**GIET UNIVERSITY, GUNUPUR – 765022**

B. Sc (AG) (First Semester) Examinations, June – 2021

AG 112 – AGRICULTURAL HERITAGE

Time: 2 hrs

Maximum : 50 Marks

The figures in the right hand margin indicate marks.**PART – A****Q.1. Fill in the blanks with suitable word / figure.****(0.5 x 10 = 5 Marks)**

- Father of Green Revolution in India is _____.
- _____ is known as wholesome liquor.
- ICAR was established in the year_____.
- Mustard has antifungal properties due to _____.
- _____ compound provides resistance to plants.
- GIAHS stands for_____.
- Age of food producer was_____.
- Mulai is one type of _____ land.
- Veda is derived from vid meaning _____.
- Cultivator during sangam period is known as _____.

Q. 2. Define (or) Explain the following in one or two sentences.**(1 x 5 = 5 Marks)**

- Heritage
- Pangaea
- Kunapa
- Microliths
- Bronze age

Q3. Match the following**(0.5 x 10 = 5 Marks)**

Column – A			Column – B	
(a)	Panchasiddhantika		(i)	Izatnagar
(b)	Rice		(ii)	Apidaecin
(c)	Dacca Muslin		(iii)	Mughals
(d)	IVRI		(iv)	IR 8
(e)	Honey		(v)	2015
(f)	Prosopis		(vi)	Pitta
(g)	Onion		(vii)	1974
(h)	KVK		(viii)	Barahamihira
(i)	Triphala		(ix)	Rajasthan
(j)	PMAY		(x)	Marco polo

Q4. Write True or False against each statement

(0.5 x 10 = 5 Marks)

- a. Shri swaminath Iyer is known as father of green revolution.
- b. Hsieun Tsang visited Nalanda university in 630 AD.
- c. Aryans were called as pastoral people.
- d. First AICRP was done in maize crop.
- e. Rain gauge was used during Kautilya's period.
- f. Thirukural was written by Tholkappier during sangam literature.
- g. Bagh-I-Wafa was written by Persian poet Anwar.
- h. Indus valley civilisation started in the year 1921.
- i. Ayurveda system is also called as Arsha sampradaya.
- j. The origin of sugarcane was India

PART – B

Attempt ANY FIVE questions. All question carries equal marks (6 x 5 = 30 Marks)

5. Why heritage is important? Give a detailed note of development of human culture.
6. What is green revolution? Why it was adopted? Write the impacts of green revolution.
7. Explain the soil management practices adopted in ancient era along with soil classification.
8. Describe different crop cultivation practices adopted by farmers in ancient time.
9. Give a brief account on views of different travellers for Indian agriculture and civilisation.
- 10 Explain heritage of medicine? Write in brief about different medicinal plants along with properties.

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