



GIET UNIVERSITY, GUNUPUR – 765022
B. Sc. (Ag.) (First Semester) Regular Examinations, January – 2024
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)

- a. Inherited values carried from one generation to other generation called as
- b. Breakup of _____ opened up the Atlantic and the Indian ocean?
- c. Use of microlith started in _____
- d. Status of farmers in Vedic period is _____
- e. During kautilya time agriculture, cattle breeding and trade were grouped into a science called _____
- f. Practice of exposing seeds to mist and heat for seven days used in _____ crop seed to prevent smut disease
- g. Sangam, Tamil literature classified soils into _____ types
- h. Irrigated farming started in _____ age
- i. Head of agriculture according to kautilya _____
- j. Pastoralism seen in _____ period

Q. 2. Define (or) Explain the following in one or two sentences.

(1 x 5 = 5 Marks)

- a. Mesolithic age
- b. LEMURIA civilisation
- c. Cinchona plant
- d. Kunapa
- e. Saiva Sampradayam

Q3. Match the following

(0.5 x 10 = 5 Marks)

Column – A		Column – B	
(a)	Ruling Planet moon	(i)	desert
(b)	Sharkaravari	(ii)	blackgram
(c)	Tilyam	(iii)	Very good rainfall
(d)	Nakshatra	(iv)	forest
(e)	Kuringi	(v)	cultivable
(f)	Maru	(vi)	Very heavy rainfall
(g)	marudham	(vii)	sandy
(h)	Mashyam	(viii)	sesamum
(i)	Ruling Planet Jupiter	(ix)	hills
(j)	mullai	(x)	Constellation

Q4. Write True or False against each statement

(0.5 x 10 = 5 Marks)

- a. Thirukural consisted of 1430 couplets.
- b. Tanka was used as rainwater harvesting structures mainly in Bihar.
- c. During Sangam period, the farmers are called as uzhavar.
- d. The origin of sugarcane was Indonesia.
- e. The book written by Parashara is Arthasastra.
- f. Accumulation of run off water in between hillocks is known as Johads.
- g. Granary was the milestone of Sangam period
- h. Lower Paleolithic age is also called as Ice age.
- i. Dog was domesticated in Paleolithic age.
- j. Prosopis cineraria was used as green manures in Rajasthan.

PART – B

Attempt ANY FIVE questions. All question carries equal marks

(6 x 5 = 30 Marks)

- 5. Describe Krishi-Panchang and explain panchang making in details.
- 6. According to vrikshayurveda explain:
 - i) Seed treatment
 - ii) Fumigation
 - iii) Field application of pesticides
- 7. Explain Basic Practices of Crop Production from land preparation to storage.
- 8. What is agricultural heritage? Explain GIAHS in detail.
- 9. Write short notes on status of farmers in different ages/ periods?
- 10. Explain the formation of Indian Subcontinent? Write down the theory of “Plate Tectonic movement”?

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