GIET UNIVERSITY, GUNUPUR – 765022

B. Sc (AG) (Third Semester – Regular) Examinations, December – 2020

AS 212 – Agricultural Informatics (1+1)

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.   (10 x 0.5 = 5 Marks)

a. …………………. document of Microsoft Office is used for Poster, Banner and Flayer preparation.
b. …………………. is the shortcut key to paste any copied material in an MS word document.

c. IDE in Visual Basic.Net stands for……………….?
d. C programming language was developed in the year -----------------?

e. 1Peta Bytes=--------------Bytes

f. DOS stands for_____?
g. Computer stores data in _____
h. Expand GPS_____?

i. DSS stands for_____?
j. Data tabulation and presentation is done through_____?

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

a) Define pointer?
b) What is crop simulation modeling?
c) What is Geo-spatial technology?
d) Which MS package is use for creation of database?
e) What is crop calender?

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

	Column – A			Column – B
(a)	JAVA		(i)	RAM
(b)	MS-OFFICE		(ii)	e-Agriculture
(c)	Internet		(iii)	Agri-input management
(d)	DSSAT		(iv)	DBMS
(e)	Memory		(v)	Geospatial Technology
(f)	Contingent crop-planning		(vi)	WWW
(g)	MS-ACCESS		(vii)	Computer Language
(h)	Computer-controlled devices		(viii)	MS-EXCEL
(i)	GIS		(ix)	DSS
(j)	IT in Agriculture		(x)	CSM

Q4. Write True or False against each statement   **(10 x 0.5 = 5 Marks)**

a. Freeware is software that is available for use at no monetary cost.

b. MS Word is a hardware.

c. CPU controls only input data of computer.

d. The Language that the computer can understand is called Machine Language.

e. DOS is not an Operating system.

f. Only character or integer can be used in switch statement

g. The ++ operator increments the operand by 1, whereas, the -- operator decrements it by 1.

h. = is used for comparison, whereas, == is used for assignment of two quantities.

i. Structure is collection of dissimilar data types.

j. A do-while loop is used to ensure that the statements within the loop are executed at least twice.

PART – B

Attempt _ANY FIVE_ questions. All question carries equal marks   **(6 x 5 = 30 Marks)**

5. Name at least three documents of MS Office and discuss their applications in brief?

6. Write down about the genesis of "C" programming language?

7. What is Agri-informatics? Write down various application of IT in Agriculture?

8. Explain about CSM and its application in agriculture?

9. What is Operating System? Write down different types of OS.

10. Briefly explain about Geo-spatial technology and its application in agriculture.

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