

B.Sc. 3rd Semester (Honours) Examination, 2023-24**GEOGRAPHY****Course ID : 31915 Course Code : SH-GEO-305/SEC-1****Course Title : Computer Basics & Applications (Practical)****(New & Old Syllabus)****SET-III**

Time : 3 Hours

Full Marks : 40

*The figures in the right margin indicate marks.
Candidates are required to answer in their own
words as far as practicable.*

1. a) Distinguish between data and information. 2
- b) Name four operating systems. → 2
- c) Define HTML. 2
- d) State the importance of cloud computing. 2
- e) What is a spam? 2
2. a) Represent the following data (Tabel-1) which shows the potato production in thousand metric tonnes in an Indian state in a suitable cartographic representation using MS Excel. 8

Table-1

	1	2	3	4	5	6	7	8	9	10
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
potato production	1563.07	1780.01	1762.41	1731.27	1856.50	1942.01	1784.50	1334.78	1505.89	1648.71

[Turn Over]

- b) Differentiate between discrete and continuous variables with examples. 2
3. The following table (Table-2) shows the literate population and total workers in few districts of West Bengal.
- a) Compute the mean literate population, using MS Excel. 2
- b) Represent the data with scatter diagram and fit a regression line on it in MS-Excel. 3+3=6
- c) Interpret the relationship between the two variables. 2

Table-2

District	Literate Population	Total Workers
1 Darjiling	1315585	683726
2 Jalpaiguri	2498780	1512910
3 Koch Bihar	1850504	1127977
4 Uttar Dinajpur	1489667	1075626
5 Dakshin Dinajpur	1083685	702987
6 Maldah	2086432	1537847
7 Murshidabad	4055834	2589907
8 Birbhum	2158447	1331603
9 Bardhaman	5247208	2911251
10 Nadia	3480555	1842607
11 North Twenty-Four Parganas	7608693	3571624
12 Hugli	4078388	2152870

4. Laboratory Notebook and Viva Voce

5+5