B.A./B.Sc. 3rd Semester (Honours) Practical Examination, 2018 (CBCS)

Subject : Geography

Paper : Sec-I

(Computer Basics and Computer Applications)

Time: 4 Hours   **Full Marks: 40**

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words
as far as practicable.

Answer all *questions.*

1. (a) What is binary number system.   2

    (b) Convert binary 101011 into decimal and decimal number 43 into binary number.

                                                        1+1=2

    (c) The following table shows the area and population of the district of Uttarakhand in 2011 (USE EXCEL TO CALCULATE)

District	Area Sq. km	Population 2011
Almora	3139	630567
Bageshwar	2246	249462
Chamoli	8030	370359
Dehradun	3088	1282143
Pauri Garhwal	5329	697078
Hardwar	2360	1447187
Nainital	4251	762909
Pithora	7090	462289
Rudra Prayag	1984	227439
Tehri Garhwal	3642	604747

      (i) Based on the given table calculate population density of all the districts.   2

      (ii) Arrange the destrict names in alphabetical order.   2

      (iii) Rank population density data from highest (1) to lowest (10)   2

2. (a) What do you mean by net surfing? 2

   (b) WWW stands for _____. 2

   (c) Table shows the yearwise culturable wasteland in West Bengal from 1994-2004 (use excel):

Year	Culturable Wasteland [in WB (in thousand hectors)]
1994-95	62·27
1995-96	58·15
1996-97	49·62
1997-98	46·25
1998-99	44·79
1999-2000	42·20
2000-2001	35·56
2001-02	37·74
2002-03	37·19
2003-04	34·47

   (i) Draw a time series graph from the above data. 3

   (ii) Compute and draw a trend line (in same graph) by 3 year moving average method. 2+1=3

3. (a) What do you mean by spreadsheet? 2

   (b) The following table shows the frequency distribution of monthly salaries of 450 employees in a factory:

Monthly Salary (in Rupees)	Number of Employees
4000-4500	46
4500-5000	57
5000-5500	85
5500-6000	97
6000-6500	56
6500-7000	41
7000-7500	38
7500-8000	30

   (i) Draw a histogram using excel and interpret the distribution. 4+1=5

   (ii) Calculate mean, median and standard deviation using the data. 1+1+1=3

4. Project Report and Viva voce. 5+5=10

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