Jagannath International Management School

VasantKunj, New Delhi – 110070
(Affiliated to Guru Gobind Singh Indraprastha University, New Delhi)
Recognized u/s 2(f) by UGC & Accredited with 'A' Grade by NAAC
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Bachelor of Computer Applications (BCA)

Course : BCA **Semester : II**
Subject Code: 20136 **Subject : Advance Excel Lab**

<table>
<tr><th>S. No.</th><th>Question</th></tr>
<tr><td>1.</td><td>Enter the marks of 20 students in the given order
• Serial number
• Name of the student
• Name of the college
• Class
• Subject-1
• Subject -2
• Subject -3
• Subject -4
In a separate columns, perform the following operations
Calculate the following
a. Total marks of all the subjects
b. Percentage of marks for each of the students
c. Allotment of grades based on the criterion.
• If the marks are more than 75% then the result is “Pass” else “Fail”
d. Now in other column allot the grades based on the following criterion
• If the marks are more than 90% then grade is “A”
• If the marks are more than or equal to 75 and less than 90% then the grade is “B” else the grade if “C” provided that the result is “Pass”</td></tr>
<tr><td>2.</td><td>From the following table, calculate the following
<table>
<tr><th>City</th><th>Number of Schools</th><th>Number of candidates</th></tr>
<tr><td>New Delhi</td><td>300</td><td>30000</td></tr>
<tr><td>Mumbai</td><td>450</td><td>45000</td></tr>
<tr><td>Bengaluru</td><td>500</td><td>48000</td></tr>
<tr><td>Chennai</td><td>480</td><td>67000</td></tr>
<tr><td>Trivandrum</td><td>459</td><td>77000</td></tr>
</table>
• The average number of students in the entire distribution
• The standard deviation of the distribution
• The correlation coefficient between the number of schools and the number of candidates
• The regression equation between number of students and number of candidates</td></tr>
</table>

S. No. | **Question**

3.

From the following data calculate the

Base City	Department	Client	Location	Nationality
New Delhi	Marketing	Adidas	New York	American
Mumbai	Advertising	Hilfiger	London	English
Bengaluru	Human Resource	Woodland	Paris	Spanish
Chennai	Human Resource	Nike	Sydney	Dutch
Trivandrum	Advertising	Allen Solley	Frankfurt	Japanese
New Delhi	Quality Control	Adidas	New York	American
Mumbai	Advertising	Hilfiger	Seoul	Korean
Bengaluru	Human Resource	Woodland	Paris	Spanish
Chennai	Human Resource	Nike	Sydney	Dutch
Trivandrum	Advertising	Armani	Frankfurt	Russian
New Delhi	Marketing	Adidas	New York	American
Mumbai	Production	Hilfiger	Copenhagen	English
Bengaluru	Human Resource	Woodland	Paris	Spanish
Chennai	Human Resource	Nike	Sydney	Russian
Trivandrum	Advertising	Gucci	Frankfurt	Japanese
New Delhi	Quality Control	Adidas	New York	American
Mumbai	Advertising	Hilfiger	London	Korean
Bengaluru	Human Resource	Woodland	Paris	Spanish
Chennai	Human Resource	Nike	Sydney	Dutch
Trivandrum	Advertising	Allen Solley	Frankfurt	Japanese

Using Pivot table, determine

- The number of Nationality per Location
- The number of Department / location / client
- The number of client / location / nationality

4.

A finance company wants to publish the following table

Qty ↓ / Price →	10	20	30	40
25	250	500	750	1000
35	350	700	1050	1400
45	450	900	1350	1800
55	550	1100	1650	2200
65	650	1300	1950	2600

Using Data table, prepare the above tabular distribution

5.

Using the Goal seek function of Excel, prepare the following table for calculating the amount based on the simple interest formula.

Principle Amount	1000
Rate	0.02
Time	2
Amount	1040

Simulate the amount by differing values of

- Principle amount
- Rate
- Time