**DELHI PUBLIC SCHOOL, SRINAGAR**

COMPUTER SCIENCE WORKSHEET

CLASS VII

Q1. Create the worksheet in MS-Excel as shown below and save it in a flash drive:

 **Salary Statement**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No** | **Name** | **Department** | **Designation** | **Salary** |
| 1 | Anika | Development | Executive | 15,000 |
| 2 | Manas | Purchase | Manager | 30,000 |
| 3 | Priya | Sales | Executive | 15,000 |
| 4 | Sameer | Sales | Executive | 15,000 |
|  5 | Feroz | Development | Manager | 35,000 |
|  |  |  | **Total** |  |

* Type the heading ‘Salary Statement’ using Word Art option.
* Type the similar data for another 2 rows using Data Form.
* Apply **Sum** formula for Salary column.
* Change the formatting of this table as given below:

Font name- ‘Times New Roman’, Font size-12 and apply bold formatting only for the first row.

* Sort the salary column in a**scending** order.
* Create line chart for the data given above.

Q2. Create the worksheet as shown below and save it in a flash drive:

**Personal Expenditure Report 2012**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No.** | **Month** | **Expenditure in Rupees** | **Total** |
| **Clothes** | **Travelling** | **Books** | **Internet connection** |
|  |
| 1 | Jan | 200 | 700 | 300 | 400 |  |
| 2 | Feb | 300 | 400 | 500 | 400 |  |

* Type the heading ‘ Personal Expenditure Report 2012’ using Word Art option
* Insert 5 more records for next 5 months.
* Change the formatting of this table as given below:

Font name- ‘Arial’, Font size-14 and apply bold formatting only for the first row.

* Sort the name column in **descending** order.
* Apply **Sum** formula for Total column.
* Create column chart for the data.

Q3. Write the below programs on paper for QBASIC:

1. to accept radius(r) from the user and find the Area of a circle.
2. to accept 2 different numbers (a and b) from the user and find the area of a rectangle.
3. to accept 3 different numbers (a, b and c) from the user and find their addition.
4. to display your name.
5. to accept 2 different numbers (a and b) from the user and find the greatest number from the both.

Q4. Create a PowerPoint presentation on the topic **“Patience”** with the formatting given below and save it in a flash drive:

“*Have patience with all things, but chiefly have patience with yourself.*

 *Do not lose courage in considering your own imperfections but instantly*

 *set about remedying them” Saint Francis de Sales*

* Use only title slide as your first slide and type the topic.
* Type the above quotation using Word Art in second slide and animate it to “Random bars”.
* Use 2 other types of slides to type your view complete presentation.
* Insert different types of animation effects to all slides
* Insert different types of slide transition to all slides.
* Add at least 4 pictures to make your presentation attractive.

Q5. Search the information on the topic” SQL for beginners” using Google search engine. Copy the information in Ms-Word and save it in a flash drive.

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COMPUTER SCIENCE WORKSHEET

CLASS VIII

Q1. Create a web page on the topic “A. P. J Abdul Kalam” as shown below and save it in a flash drive.

The 12th President of India, Dr. Abdul Pakir Jainulabdeen Abdul Kalam, was born on October 15, 1931 at Dhanushkothi in the temple town Rameshwaram in Tamil Nadu. He was born in the poor family of a boat maker. But he was an exceptionally brilliant child.

He became the first graduate in the large family when he passed the B.Sc. examination from Saint Joseph College, Thiruchirapalli. He joined the Madras Institute of Technology (MIT) and thus his whole course of life was changed.

He was not interested in going abroad. He wanted to serve his motherland first. His visited to NASA in USA, and still thinks that his first and foremost duty is to serve his motherland. His further knowledge in the field got upgraded when he joined Defence Research and Development Organization (DRDO) in 1958 and Indian Space Research Organization (ISRO) in 1963. Today, he is known as the Missile Man of India.

* Use “Green” as background color and “yellow” as Font color.
* Keep the Font style “Arial”.

Q2. Create a web page on the topic “Vinod Dham” as shown below and save it in a flash drive.

Vinod Dham also known as father of Pentium Processor has lived the standard Silicon Valley rags to riches immigrant story. Born in Pune, India, he came to U.S. in 1975 as an engineering student with just $8 in his pocket. He became a chip engineer and helped invent [Intel](http://www.intel.com/)’s first flash memory chip.  He went on to manage Intel’s microprocessor projects, including the breakaway [Pentium](http://en.wikipedia.org/wiki/Pentium) chip that debuted in 1993 and cemented the company’s position as the world’s biggest chip maker.

* Use “Black” as background color and “White” as Font color.

Q3. Create a web page on the topic “Difference between 2G and 3G” as shown below and save it in a flash drive.

**Second Generation (2G) technology** was launched in the year 1991 in Finland. It is based on the technology known as global system for mobile communication or in short we can say GSM. This technology enabled various networks to provide services like text messages, picture messages and MMS. In this technology all text messages are digitally encrypted due to which only the intended receiver receives message.

 **Third Generation (3G) technology** generally refers to the standard of accessibility and speed of mobile devices. It was first used in Japan in the year 2001. The standards of the technology were set by the International Telecommunication Union (ITU). This technology enables use of various services like [GPS (Global Positioning System)](http://www.engineersgarage.com/articles/global-positioning-system-gps), mobile television and [video conferencing](http://www.engineersgarage.com/articles/video-conferencing). It not only enables them to be used worldwide, but also provides with better bandwidth and increased speed.

* Keep the formatting of web page as per your choice.

Q4. Search the information on the topic” Founders of Google” using Google search engine. Copy the information in Ms-Word and save it in a flash drive.

**DELHI PUBLIC SCHOOL, SRINAGAR**

COMPUTER SCIENCE WORKSHEET

CLASS VI

Q1. Create the worksheet in MS-Excel as shown below and save it in a flash (pen) drive:

**Result Sheet For Term- I**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr No.** | **Name** | **Marks of English** | **Marks of Maths** | **Marks of Science** | **Marks of Social studies** | **Total** | **Average** |
| 01 | Shah Ahmad | 67 | 82 | 50 | 69 |  |  |
| 03 | Seema Jha | 77 | 82 | 59 | 49 |  |  |

* Write the similar data for another 3 rows.
* Change the formatting of this table as given below:

Font name- ‘Arial Black’, Font size-12 and apply bold formatting only for the first row.

* Apply **Sum** formula for total column and **Average** formula for average column.

Q2. Create the worksheet in MS-Excel as shown below and save it in a flash (pen) drive:

**Yearly Financial Statement for 2011**

|  |  |  |
| --- | --- | --- |
| **Month**  | **Income in Rs.** | **Expenditure in Rs.** |
| March  | 1259.9 | 1410.45 |
| April | 1163.98 | 1499.10 |
| May  | 1533 | 1370.25 |
| June  | 1778 | 1440.8 |
| July | 2000 | 1200 |
| August | 1599 | 3388 |
| September | 1700 | 3777 |

* Type the similar data for another 3 months using Data Form.
* Change the formatting of this table as given below:

Font name- ‘Arial’, Font size-12 and apply bold formatting only for the first row.

* Apply **Sum** formula for Income and Expenditure column.

Q3. Search the information on the topic” Basics of C++ Programming” using Google search engine. Copy the information in Ms-Word and save it in a flash drive.

Q4. Answer the following questions.

1. What is Flash?
2. Name the area where we create our animations.
3. Name all the tools used to draw objects.
4. Name the tool to type text in Flash.
5. Write the steps to start Flash software.
6. Explain the Flash workspace?