

## IT Practical Examination – 2007 – 2008

### Spread sheet X<sup>th</sup> Standard

- 1) Create a table (in spread sheet) of five students in your class using their name and house name in first column and corresponding age in the second column. Arrange the name and house name of the students in each cell in two lines using 'wrap text'. Insert a column to the left side of the table and give serial number using 'Fill Series'.
- 2) The table given below shows the allotment and used amount for various items in a School Kalolsavam. The head 'Amount Sanctioned' has to be in two lines in the corresponding cell as shown in the table below. Find the difference between the amount sanctioned and the amount used. Using this difference find out the items that have been spent more than the sanctioned amount using 'Filtering' tool.

Sl.No	Item	Amount Sanctioned	Amount used	Difference
1	Program	2500	2610	
2	Reception	500	250	
3	Trophy	1000	1213	
4	Food	2000	1950	
5	Stage	1500	1340	

- 3) The table given below contains the measurements of base and altitude of a few right-angled triangles. Create this table in spreadsheet and find out the area of corresponding triangles. Arrange the table in descending order of area.

Triangle	Base(b)	Altitude(h)	Area $A=b*h/2$
Triangle-1	3	4	
Triangle-2	24	7	
Triangle-3	12	9	
Triangle-4	10	12	
Triangle-5	8	6	

- 4) The annual rice production from 2002 to 2007 of Waynad district is shown in the table below. Create this table in spread sheet and find out the total production (T) and average production (Average) using formula. Draw a line graph using this data. Give the heading 'PRODUCTION OF RICE', merge the cell and align it to center as shown below.

<b>PRODUCTION OF RICE</b>	
Year	Quantity
2002	12000
2003	8070
2004	12340
2005	7350
2006	15000
2007	4000
Total(T)=	
<b>AVERAGE=T/6</b>	

- 5) The table given below shows the literacy rate of India from 1951 to 2001 in percentage. Insert a column in the left side of the table and give serial number using 'Fill series'. Also create a column graph showing literacy rate of corresponding year.

Year	Percentage
1951	18.33
1961	28.33
1971	34.45
1981	43.57
1991	52.21
2001	65.38

- 6) The table below shows how an average Indian spends his Income upon different items. Create this table in a spread sheet and insert a row at the top of the table, merge the two cells and give the heading 'EXPENDITURE'. Arrange the content in the alphabetic order of the items given and create a Pie Diagram indicating various expenses.

Item	Amount (Percentage)
Food	40
Cloth	25
Travelling	5
Savings	10
Others	20

- 7) The table given below shows Ridhu's house holds expenses for a month. Create this table in a spreadsheet. Merge two columns and type 'EXPENSE' and center align as shown below. Find the total expense using formula and create a Pie diagram in the same sheet.

<b>EXPENSE</b>	
Commodity	Expense
Rice	450
Oil	112
Wheat	105
Sugar	36
Total	

- 8) Create a table in Spread Sheet using the data collected from the survey on electricity consumption and arrange it in the ascending order of Energy used. Calculate the current charge for June 2007, at the rate of Rs. 3/- per unit Energy used. Insert a column in the left side of the table and give serial number using 'Fill series'. The head 'Energy used June 2007' has to be in two lines in the corresponding cell as shown in the table below.

House No	Energy used June 2007	Current charge (Energy x 3)
H 161	22	
H 162	24	
H163	12	
H 164	18	
H 165	29	