

**Bharati Vidyapeeth
(Deemed to be University), Pune**

School of Distance Education

Name of the Assignment Setter: Dr. M. K. Patil

Course:	MBA (General) –CBCS 2020	Class:	I	Semester:	I
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Subject: (108) Data Analysis Using advance -Excel

Q.1) Attempt ANY ONE of the Following (1000 Words) (10)

Consider following data:

Movie	Budget	World Gross	Profit	Flop or Not?
Spider-Man 3	258,000,000	887,436,184	629,436,184	
King Kong (2005)	207,000,000	553,080,025	346,080,025	
Superman Returns	204,000,000	391,081,192	187,081,192	
Spider-Man 2	200,000,000	784,024,485	584,024,485	
Titanic	200,000,000	1,835,400,000	1,635,400,000	
Chronicles of Narnia, The	180,000,000	748,806,957	568,806,957	
Wild Wild West	175,000,000	217,700,000	42,700,000	
Evan Almighty	175,000,000	120,698,890	-54,301,110	
Waterworld	175,000,000	264,246,220	89,246,220	
Terminator 3: Rise of the M	170,000,000	433,058,296	263,058,296	
Polar Express, The	170,000,000	296,596,043	126,596,043	
Van Helsing	170,000,000	300,150,546	130,150,546	
Shrek the Third	160,000,000	733,012,359	573,012,359	
Poseidon	160,000,000	181,674,817	21,674,817	
Alexander	155,000,000	167,297,191	12,297,191	
Pearl Harbor	151,500,000	450,500,000	299,000,000	
Harry Potter and the Goble	150,000,000	892,213,036	742,213,036	
Harry Potter and the Order	150,000,000	822,828,538	672,828,538	
Mission: Impossible III	150,000,000	397,501,348	247,501,348	
Troy	150,000,000	497,298,577	347,298,577	

a)

Create an If function to calculate whether each movie was a flop or a success. Use the following criteria:

- If the profit was less than 100,000,000 then the movie is a flop
- Otherwise the movie is a success

Copy the function down to rate each movie in the list.

Van Helsing	170,000,000	300,150,546	130,150,546	Success
Shrek the Third	160,000,000	733,012,359	573,012,359	Success
Poseidon	160,000,000	181,674,817	21,674,817	Flop
Alexander	155,000,000	167,297,191	12,297,191	Flop

I can't believe Van Helsing was a success either

Save the file with the same name and close it down.

b)

Create the date series below (without typing them all in) using number

(date) formatting to get them to display as shown:

	A	B	C	D	E
1					
2	Date Series to Create - 1				
3					
4		01/01/2010	01 January 2010	Jan-10	Mon 15 Mar 10
5		02/01/2010	02 January 2010	Feb-10	Mon 22 Mar 10
6		03/01/2010	03 January 2010	Mar-10	Mon 29 Mar 10
7		04/01/2010	04 January 2010	Apr-10	Mon 05 Apr 10
8		05/01/2010	05 January 2010	May-10	Mon 12 Apr 10
9		06/01/2010	06 January 2010	Jun-10	Mon 19 Apr 10
10		07/01/2010	07 January 2010	Jul-10	Mon 26 Apr 10
11		08/01/2010	08 January 2010	Aug-10	Mon 03 May 10
12		09/01/2010	09 January 2010	Sep-10	Mon 10 May 10
13		10/01/2010	10 January 2010	Oct-10	Mon 17 May 10
14		11/01/2010	11 January 2010	Nov-10	Mon 24 May 10
15		12/01/2010	12 January 2010	Dec-10	Mon 31 May 10
16		13/01/2010	13 January 2010	Jan-11	Mon 07 Jun 10
17		14/01/2010	14 January 2010	Feb-11	Mon 14 Jun 10

Try this lot:

18	Date Series to Create - 2				
19					
20					
21		Jan-10	Monday 03 May 2010	01-Apr-10	01 Jan 10
22		Apr-10	Monday 17 May 2010	01-Apr-11	31 Jan 10
23		Jul-10	Tuesday 04 May 2010	01-Apr-12	02 Mar 10
24		Oct-10	Tuesday 18 May 2010	01-Apr-13	01 Apr 10
25		Jan-11	Wednesday 05 May 2010	01-Apr-14	01 May 10
26		Apr-11	Wednesday 19 May 2010	01-Apr-15	31 May 10
27		Jul-11	Thursday 06 May 2010	01-Apr-16	30 Jun 10
28		Oct-11	Thursday 20 May 2010	01-Apr-17	30 Jul 10
29		Jan-12	Friday 07 May 2010	01-Apr-18	29 Aug 10
30		Apr-12	Friday 21 May 2010	01-Apr-19	28 Sep 10
31		Jul-12	Saturday 08 May 2010	01-Apr-20	28 Oct 10
32		Oct-12	Saturday 22 May 2010	01-Apr-21	27 Nov 10
33		Jan-13	Sunday 09 May 2010	01-Apr-22	27 Dec 10
34		Apr-13	Sunday 23 May 2010	01-Apr-23	26 Jan 11
35					
36					

Save this file as **Date series**, and then close it down.

Q.2) Attempt ANY TWO of the Following (800 Words)

(12)

a) Create a 3-dimensional column chart comparing sales data for men and women, but omitting BMWs using following data:

Car Sales By Gender

	Men	Women
Fiat	3%	32%
Ford	39%	12%
BMW	21%	8%
Mercedes	6%	17%
Vauxhall	19%	10%
Nissan	12%	21%

Consider following data:

Toys Ordered	Price Each	Q. Ordered	Price	Discount	Final Price
BBQ Barbie Doll	12.99	2	25.98	1.8186	24.1614
Prince Eric Doll	8.99	3	26.97	1.8879	25.0821
Princess Jasmine Doll	9.99	1	9.99	0.6993	9.2907
Cinderella's Coach	19.99	1	19.99	1.3993	18.5907
Spiderman gloves	14.99	3	44.97	3.1479	41.8221
Hama Bead Starter Kit	12.5	2	25	1.75	23.25
Pink Heart Light Set	14.5	1	14.5	1.015	13.485
Harry Potter Magic Set	19.99	1	19.99	1.3993	18.5907
TOTAL	113.94	14	187.39	13.1173	174.2727

b)

Make the following formatting changes:

- Insert some extra rows at the top and type in the title
- Format the font, size etc of the title
- Change the row heights to space them out more
- Change the vertical cell alignment of these rows to centred
- Insert more rows between the titles and first row of data and before the totals
- Format all the numbers except the Q Ordered column to show £ and 2 decimal places
- Change the column widths
- Line up the column titles with the numbers on the right
- Centre everything in the Q Ordered column
- Add borders, gridlines and shading as desired!

Save the workbook with the new name: **Formatted Toys**

c)

Consider following data :

Muppet Name	Creature Type	Colour	Humour Rating (out of 10)
Kermit	Frog	Green	1.652
Miss Piggy	Swine	Pink	4.98
Waldorf & Statler	Grumpy Men	Pink	7.14
Gonzo	Unknown	Blue / Grey	6
Animal	Percussionist	Red	4.02
Swedish Chef	Swede	Tan	8.55
Fozzie	Bear	Brown	4.321

Add some colour to each cell and that will be displayed as

The Muppets - Vital Statistics			
Muppet Name	Creature Type	Colour	Humour Rating (out of 10)
Kermit	Frog	Green	1.7
Miss Piggy	Swine	Pink	5.0
Waldorf & Statler	Grumpy Men	Pink	7.1
Gonzo	Unknown	Blue / Grey	6.0
Animal	Percussionist	Red	4.0
Swedish Chef	Swede	Tan	8.6
Fozzie	Bear	Tan	4.3

Save the file with the suggested name : **Colourful Muppets**

- d) Create the number series shown below (without typing them all in!), using number formatting to get them to appear as shown:

	A	B	C	D	E	F	G
1							
2	Number Series to Create						
3							
4		100	405	2,130	15.00%	-12.4	Winch 001
5		200	410	2,195	15.25%	-12.2	Winch 002
6		300	415	2,260	15.50%	-12.0	Winch 003
7		400	420	2,325	15.75%	-11.8	Winch 004
8		500	425	2,390	16.00%	-11.6	Winch 005
9		600	430	2,455	16.25%	-11.4	Winch 006
10		700	435	2,520	16.50%	-11.2	Winch 007
11		800	440	2,585	16.75%	-11.0	Winch 008
12		900	445	2,650	17.00%	-10.8	Winch 009
13		1000	450	2,715	17.25%	-10.6	Winch 010
14		1100	455	2,780	17.50%	-10.4	Winch 011
15		1200	460	2,845	17.75%	-10.2	Winch 012
16							

		Save this file as Number Series , then close it down.	
Q.3)	Write Short Notes on (ANY TWO)		(08)
	a)	Lookup functionality	
	b)	Conditional formatting	
	c)	Built in functions with examples (any Eight)	
	d)	Chart Types	
