



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MASTER OF BUSINESS ADMINISTRATION TUTORIAL QUESTION BANK

Course Name	:	Business Research Methods
Course Code	:	CMB013
Class	:	III Semester
Branch	:	MBA
Academic Year	:	2018– 2019
Course Coordinator	:	Ms. S Lakshmi, Assistant Professor
Course Faculty	:	Ms. S Lakshmi, Assistant Professor

COURSE OBJECTIVES;

The course should enable the students to:

SL. NO	DESCRIPTION
I.	Understand a general definition of research design.
II.	Know why educational research is undertaken, and the audiences that profit from research studies.
III.	Able to identify the overall process of designing a research study from its inception to its report.
IV.	Familiar with ethical issues in educational research, including those issues that arise in using quantitative and qualitative research.
V.	Know the primary characteristics of quantitative research and qualitative research.
VI.	Identify a research problem stated in a study.

COURSE LEARNING OUTCOMES:

Students, who complete the course, will have demonstrated the ability to do the following:

CCMB013.01	Understand different research approaches and methodologies, the utility of social research and their application in business.
CCMB013.02	Identify most appropriate research strategy for particular research work related to social or scientific method.
CCMB013.03	Comprehend the importance of case study and experimental methods in business research.
CCMB013.04	Appraise research methods for different researches and formulate appropriate method for social research.
CCMB013.05	Assess the methods of sampling and determine the reliable sample size for social research.
CCMB013.06	Draft schedules and questionnaires for the research, figure out the advantages and disadvantages of schedules and questionnaire and use them in appropriate research works.
CCMB013.07	Analyze the scaling techniques for measurement of data and apply those in the research for quantitative and qualitative data.
CCMB013.08	Interpret the importance of interview techniques and validity of interviewer to make use in the data collection.
CCMB013.09	Realize the emphasis of observations and secondary data sources to adapt them in the

	research.
CCMB013.10	Acquaint with the various techniques of data analysis which include statistical tools such as t test, chi-square test, ANOVA etc.
CCMB013.11	Familiarize with the available one-dimensional, two-dimensional, three-dimensional diagrams and graphs for effective presentation of the analyzed data.
CCMB013.12	Able to formulate and present effective research reports based on the data analyzed with a clear understanding about the problems in report writing.

TUTORIAL QUESTION BANK

Sl. No	QUESTION	Blooms Taxonomy Level	Course learning Outcome
UNIT-I			
INRODUCTION TO BUSINESS RESEARCH			
PART-A (SHORT ANSWER QUESTIONS)			
1	Define Business Research?	Remember	CMB013.01
2	What are the objectives of social research?	Understand	CMB013.03
3	What are the characteristics of scientific method?	Understand	CMB013.11
4	Define social research?	Remember	CMB013.05
5	Differentiate the quantitative research from the qualitative research?	Understand	CMB013.07
6	Define induction method?	Remember	CMB013.09
7	What are the basic assumption of social research?	Understand	CMB013.12
8	Differentiate null hypothesis and Alternative hypothesis?	Remember	CMB013.13
9	Write the motivating factors of social research?	Understand	CMB013.05
10	Define Deduction method?	Remember	CMB013.06
11	What are methods involved in social research?	Understand	CMB013.09
12	Write the utility of social research?	Remember	CMB013.02
13	Define hypothesis?	Understand	CMB013.01
14	Define research?	Remember	CMB013.08
15	What are the uses of scientific method?	Remember	CMB013.05
PART-B (LONG ANSWER QUESTIONS)			
1	Explain the nature of scientific method? Write about the uses of scientific method in business research?	Understand	CMB013.04
2	Define scientific method? Explain the step by step procedure of scientific method?	Remember	CMB013.10
3	Define business research. Discuss the characteristics and nature of business research?	Understand	CMB013.12
4	What do you mean by social research? Explain the methods which are used in social research?	Remember	CMB013.02
5	Discuss in detail about the motivating factors of social research?	Understand	CMB013.06
6	Define social research? Write a notes on utility of social research	Remember	CMB013.07
7	Discuss in detail the logical method of scientific method?	Understand	CMB013.09
8	What are the objectives of social research and write the basic assumption of social research?	Understand	CMB013.11
9	Define research? Explain its purpose and objectives of research?	Remember	CMB013.12
10	What are the characteristics of scientific method in business research? Write the key elements of the scientific method?	Understand	CMB013.12
PART-C (PROBLEM SOLVING AND CRITICAL THINKING QUESTIONS)			
1	Discuss about the statement given is true or not. justify. "To conduct research on business is more expensive- Is it necessary".	Analyze	CMB013.08

Sl. No	QUESTION	Blooms Taxonomy Level	Course learning Outcome
2	Do you agree“ Research is a systematized effort to gain new knowledge”. Give reasons.	Evaluate	CMB013.11
UNIT-II			
THE DESIGN OF RESEARCH-RESEARCH METHODS			
PART-A(SHORT ANSWER QUESTIONS)			
1	Define survey method?	Remember	CMB013.05
2	Write any two limitations of case study method?	Understand	CMB013.13
3	Write about the planning social survey?	Remember	CMB013.09
4	Discuss about the case study method?	Remember	CMB013.11
5	Define experimental method?	Understand	CMB013.09
6	List out the types of experiments?	Understand	CMB013.02
7	Discuss about the natural experiments?	Remember	CMB013.08
8	Write about the controlled observational study?	Remember	CMB013.10
9	Define laboratory experiments?	Understand	CMB013.06
10	Discuss about the trial and error method?	Understand	CMB013.03
11	Write any three limitations of statistical methods?	Remember	CMB013.01
12	Write any two merits of case study method?	Remember	CMB013.12
13	How the natural experiments are done?	Understand	CMB013.07
14	Give an example for trial and error experiment?	Remember	CMB013.12
15	What do you mean by design of research methods?	Remember	CMB013.10
PART-B (LONG ANSWER QUESTIONS)			
1	Distinguish between social research survey and planning social survey?	Remember	CMB013.11
2	Define case study? Describe about the limits and merits of case study?	Remember	CMB013.05
3	Discuss about the experimental method? Write about the types of experimental method?	Understand	CMB013.09
4	Discuss in detail about limitations and improvements in the statistical methods?	Understand	CMB013.07
5	Discuss about the natural experiments?	Remember	CMB013.08
6	What are laboratory experiments? Write about merits and limitations of laboratory experiments?	Understand	CMB013.12
7	How the laboratory experiments planning is done and write the experiment difficulties?	Remember	CMB013.13
8	Write about the importance of case study and write any five disadvantages of case study?	Understand	CMB013.09
9	Discuss in detail about ex post fact techniques?	Remember	CMB013.05
10	Explain about the sources of data in case study and statistical method?	Remember	CMB013.03
PART-C (PROBLEM SOLVING AND CRITICAL THINKING QUESTIONS)			
1	Compare the advantages of experiments with the advantages of survey and observational methods.	Analyze	CMB013.11
2	What essential characteristics distinguish a true experiment from other research designs?	Apply	CMB013.04
Unit-III			
THE SOURCES AND COLLECTION OF DATA			
PART-A(SHORT ANSWER QUESTIONS)			
CIE-I			
1	What is Sampling?	Remember	CMB013.11
2	Write any three uses of sampling?	Remember	CMB013.14
3	Write a short on schedule?	Understand	CMB013.04

Sl. No	QUESTION	Blooms Taxonomy Level	Course learning Outcome
4	Write any three limitations of schedules?	Understand	CMB013.05
5	Discuss about sample size?	Remember	CMB013.09
6	What is meant by size of sample?	Understand	CMB013.08
7	Write a short notes on essentials of good schedule?	Remember	CMB013.15
8	Write any two validity advantages of questionnaire?	Remember	CMB013.13
9	How many kinds of narrative interviews are there? What are they?	Understand	CMB013.07
10	Write any two limitations of schedule?	Remember	CMB013.09
CIE-II			
1	How many kinds of narrative interviews are there? What are they?	Remember	CMB013.14
2	Write any three limitations of interview schedules?	Understand	CMB013.10
3	Write a short note on importance of interview schedules?	Remember	CMB013.02
4	Discuss about field observational studies?	Understand	CMB013.04
5	Define scaling?	Understand	CMB013.06
6	What is the purpose of Narrative Interviews?	Remember	CMB013.12
7	List out the kinds of observations?	Understand	CMB013.11
8	Define documentary source of data?	Remember	CMB013.09
9	Write the limitations on documentary sources of data?	Understand	CMB013.05
10	Discuss the importance of observations?	Remember	CMB013.02
PART-B (LONG ANSWER QUESTIONS)			
CIE-I			
1	Describe how to prepare a form of questionnaire?	Remember	CMB013.12
2	Define sampling. Discuss in detail about various Sampling methods?	Understand	CMB013.10
3	Explain the kinds of schedule and essentials of good schedule? Write the limitations of schedule?	Remember	CMB013.05
4	Explain the procedure for framing a schedule? Write are the advantages of schedule?	Remember	CMB013.08
5	Write the differences between Questionnaire and schedule?	Understand	CMB013.01
6	Explain the concept of sampling? What are the basic terms involved in Sampling method?	Remember	CMB013.04
7	Write the advantages and disadvantages of sampling method?	Understand	CMB013.11
CIE-II			
1	Write a note on field observational studies. Discuss about the limitations of field observational studies?	Remember	CMB013.09
2	Discuss in detail different types of questionnaire?	Remember	CMB013.04
3	Define documentary sources? Describe about published documents and their limitations?	Understand	CMB013.07
4	Define observational method. Explain the different kinds of observation?	Understand	CMB013.12
5	Define scaling? Explain scaling techniques criteria for good measurement?	Understand	CMB013.06
6	Explain about technique of interviewing and the role of interviewer validity?	Remember	CMB013.09
7	Discuss in detail commonly used comparative scaling techniques with examples?	Understand	CMB013.10
PART-C (PROBLEM SOLVING AND CRITICAL THINKING QUESTIONS)			
1	How do environment factors affect response rates in personal interviews? How can we overcome these environmental problems?	Evaluate	CMB013.07
2	One design problem in the development of survey instruments concerns the sequence of questions. What suggestion would you give to	Apply	CMB013.05

Sl. No	QUESTION	Blooms Taxonomy Level	Course learning Outcome						
	researchers designing their first questionnaire?								
Unit -IV									
ANALYSIS AND PRESENTATION OF DATA									
PART-A(SHORT ANSWER QUESTIONS)									
1	Define Analysis of data?	Remember	CMB013.12						
2	Write any three characteristics on analysis of data?	Understand	CMB013.12						
3	Define the term 'correlation'?	Remember	CMB013.02						
4	Write a short notes on t-test?	Understand	CMB013.05						
5	What is the purpose of Analysis of Data?	Remember	CMB013.07						
6	List the uses of chi-square test.	Remember	CMB013.09						
7	State the applications of regression.	Understand	CMB013.13						
8	What are index numbers?	Remember	CMB013.15						
9	Write any two limitations of regression analysis.	Understand	CMB013.04						
10	Define the term 'skewness'.	Remember	CMB013.09						
11	Write the formula for chi-square with variate of one degree freedom.	Remember	CMB013.08						
12	Expand ANOVA.	Remember	CMB013.07						
13	What are the functions of data analysis techniques?	Remember	CMB013.02						
14	List out the basic statistical techniques used for analysis of data.	Understand	CMB013.12						
15	What do you understand by measures of dispersion.	Understand	CMB013.11						
PART-B(LONG ANSWER QUESTIONS)									
1	Define sample test and t-distribution. Explain the properties of student t-distribution and its applications.	Understand	CMB013.01						
2	Explain the importance of statistical methods on analysis of data?	Remember	CMB013.06						
3	Discuss about the statistical tools used for analysis of data?	Understand	CMB013.04						
4	Define dispersion. What are the properties of a good measure of dispersion?	Remember	CMB013.09						
5	What is chi-square test? Explain its applications test statistics and assumptions.	Understand	CMB013.05						
6	What is regression analysis and regression variables? Explain various types of regression.	Understand	CMB013.10						
7	Explain the characteristics and functions for analysis of data.	Remember	CMB013.09						
8	Discuss the factors influencing the selection of measures of the dispersion.	Remember	CMB013.12						
9	Discuss in detail about the statistical method of averages.	Remember	CMB013.12						
10	Write a short notes on (a) correlation(b) regression and (c)skewness?	Understand	CMB013.08						
PART-C (PROBLEM SOLVING AND CRITICAL THINKING QUESTIONS)									
1	Calculate the arithmetic mean, median and mode from the following:						Analyze	CMB013.11	
	Marks	0-10	10-20	20-30	30-40	40-50			50-60
	f	8	10	20	30	25	12		
2	Calculate coefficient of skewness based on quartiles						Evaluate	CMB013.11	
	Profit company	Below 10	10-20	20-30	30-40	40-50			Above 50
		5	12	20	16	5	2		
3	Calculate the t -distribution from the following data:						Apply	CMB013.11	
	Persons	1	2	3	4	5			6
	Before	13	16	60	30	40			50
	After	10	45	58	25	30	44		
4	A 200 digits are chosen at random from a set of tables. The frequencies of digits are as follows, Use chi-square test to assess the correctness of hypothesis that the digits were distributed in equal numbers in the tables from which they						Analyze		

Sl. No	QUESTION	Blooms Taxonomy Level	Course learning Outcome																																	
	were chosen? <table border="1"> <tr> <td>Digits</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>f</td> <td>12</td> <td>23</td> <td>23</td> <td>21</td> <td>16</td> <td>25</td> <td>22</td> <td>20</td> <td>21</td> </tr> </table>	Digits	0	1	2	3	4	5	6	7	8	f	12	23	23	21	16	25	22	20	21		CMB013.10													
Digits	0	1	2	3	4	5	6	7	8																											
f	12	23	23	21	16	25	22	20	21																											
5	Calculate the mode from the following data <table border="1"> <tr> <td>Marks</td> <td>0-10</td> <td>10-20</td> <td>20-30</td> <td>30-40</td> <td>40-50</td> </tr> <tr> <td>frequency</td> <td>8</td> <td>11</td> <td>26</td> <td>9</td> <td>6</td> </tr> </table>	Marks	0-10	10-20	20-30	30-40	40-50	frequency	8	11	26	9	6	Apply	CMB013.05																					
Marks	0-10	10-20	20-30	30-40	40-50																															
frequency	8	11	26	9	6																															
6	Compute price and quantity index numbers for 1993 with 1991 as base year from the following: <table border="1"> <tr> <td>year</td> <td>Price A</td> <td>Qty -A</td> <td>Price B</td> <td>Qty -B</td> <td>Price C</td> <td>Qty -C</td> </tr> <tr> <td>1991</td> <td>5</td> <td>10</td> <td>8</td> <td>6</td> <td>6</td> <td>3</td> </tr> <tr> <td>1993</td> <td>4</td> <td>12</td> <td>7</td> <td>7</td> <td>5</td> <td>4</td> </tr> </table>	year	Price A	Qty -A	Price B	Qty -B	Price C	Qty -C	1991	5	10	8	6	6	3	1993	4	12	7	7	5	4	Analyze	CMB013.08												
year	Price A	Qty -A	Price B	Qty -B	Price C	Qty -C																														
1991	5	10	8	6	6	3																														
1993	4	12	7	7	5	4																														
7	Using the following data obtain two regression equation <table border="1"> <tr> <td>X</td> <td>14</td> <td>19</td> <td>24</td> <td>21</td> <td>26</td> <td>22</td> <td>15</td> <td>20</td> <td>19</td> </tr> <tr> <td>Y</td> <td>31</td> <td>36</td> <td>48</td> <td>37</td> <td>50</td> <td>45</td> <td>33</td> <td>41</td> <td>39</td> </tr> </table>	X	14	19	24	21	26	22	15	20	19	Y	31	36	48	37	50	45	33	41	39	Evaluate	CMB013.07													
X	14	19	24	21	26	22	15	20	19																											
Y	31	36	48	37	50	45	33	41	39																											
8	Calculate spearman's coefficient of correlation between marks assigned to 10 students by judges X and Y in a certain competitive test as shown below <table border="1"> <tr> <td>s.no</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> </tr> <tr> <td>X</td> <td>52</td> <td>53</td> <td>42</td> <td>60</td> <td>45</td> <td>41</td> <td>37</td> <td>38</td> <td>25</td> <td>27</td> </tr> <tr> <td>Y</td> <td>65</td> <td>68</td> <td>43</td> <td>38</td> <td>77</td> <td>48</td> <td>35</td> <td>30</td> <td>25</td> <td>50</td> </tr> </table>	s.no	1	2	3	4	5	6	7	8	9	10	X	52	53	42	60	45	41	37	38	25	27	Y	65	68	43	38	77	48	35	30	25	50	Analyze	CMB013.09
s.no	1	2	3	4	5	6	7	8	9	10																										
X	52	53	42	60	45	41	37	38	25	27																										
Y	65	68	43	38	77	48	35	30	25	50																										
9	Calculate the two way ANOVA from the following data: <table border="1"> <tr> <td></td> <td>A</td> <td>B</td> <td>C</td> </tr> <tr> <td>Fair</td> <td>30</td> <td>20</td> <td>50</td> </tr> <tr> <td>Good</td> <td>40</td> <td>30</td> <td>34</td> </tr> <tr> <td>excellent</td> <td>20</td> <td>30</td> <td>30</td> </tr> </table>		A	B	C	Fair	30	20	50	Good	40	30	34	excellent	20	30	30	Evaluate	CMB013.07																	
	A	B	C																																	
Fair	30	20	50																																	
Good	40	30	34																																	
excellent	20	30	30																																	
10	Calculate the median Q1,Q3 from the following data <table border="1"> <tr> <td>x</td> <td>8</td> <td>12</td> <td>20</td> <td>25</td> <td>30</td> <td>40</td> </tr> <tr> <td>f</td> <td>9</td> <td>16</td> <td>28</td> <td>46</td> <td>20</td> <td>10</td> </tr> </table>	x	8	12	20	25	30	40	f	9	16	28	46	20	10	Analyze	CMB013.11																			
x	8	12	20	25	30	40																														
f	9	16	28	46	20	10																														
UNIT-V																																				
PRESENTATION OF DATA																																				
PART-A(SHORT ANSWER QUESTIONS)																																				
1	Write the importance of Diagrams?	Understand	CMB013.12																																	
2	Define diagrams?	Understand	CMB013.05																																	
3	What are ogives curves?	Understand	CMB013.11																																	
4	Which diagrams comes under one –dimensional diagrams?	Remember	CMB013.08																																	
5	What are the contents you have observed while writing a report?	Remember	CMB013.05																																	
6	How many types of diagrams are used to present the data?	Understand	CMB013.06																																	
7	Write the uses of graphs and diagrams?	Remember	CMB013.08																																	
8	Define graph?	Understand	CMB013.02																																	
9	What are pictograms?	Understand	CMB013.04																																	
10	What do you mean by three-dimensional diagrams?	Remember	CMB013.09																																	
11	What is the purpose of graph used to present the data?	Remember	CMB013.15																																	
12	Write a short notes on cumulative frequency graph?	Understand	CMB013.08																																	
13	What is meant by Report Writing?	Understand	CMB013.12																																	
14	What is the purpose of report writing?	Remember	CMB013.08																																	
15	What is meant by false base line?	Understand	CMB013.12																																	

Sl. No	QUESTION	Blooms Taxonomy Level	Course learning Outcome																								
PART-B(LONG ANSWER QUESTIONS)																											
1	Explain the need and usefulness of diagrammatic representation of data. Describe any two types of diagrams?	Remember	CMB013.10																								
2	Explain the problems of report writing?	Remember	CMB013.12																								
3	What is report and report writing? State the Purpose behind writing reports. Explain the characteristics of good report?	Understand	CMB013.09																								
4	Discuss in detail about the one dimensional diagram with examples?	Apply	CMB013.05																								
5	Explain the advantages of graphical presentation and rules for construction of graphs?	Remember	CMB013.07																								
6	Which type of diagrams comes under the three dimensional diagrams and explain with examples?	Understand	CMB013.11																								
7	Define report writing? Explain the contents involved in report writing?	Understand	CMB013.06																								
8	Define graph? How to construct a graph and list out the uses of graph?	Remember	CMB013.03																								
9	Explain the importance of diagrams and write the characteristics of diagrams?	Understand	CMB013.01																								
10	Draw a bar diagram for the following data <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>years</td> <td>1990</td> <td>1991</td> <td>1992</td> <td>1993</td> <td>1994</td> <td>1995</td> </tr> <tr> <td>data</td> <td>12</td> <td>56</td> <td>45</td> <td>40</td> <td>63</td> <td>12</td> </tr> </table>	years	1990	1991	1992	1993	1994	1995	data	12	56	45	40	63	12	Analyze	CMB01314										
years	1990	1991	1992	1993	1994	1995																					
data	12	56	45	40	63	12																					
PART-C (PROBLEM SOLVING AND CRITICAL THINKING QUESTIONS)																											
1	Draw a pie chart from the data <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Movies</td> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> </tr> <tr> <td>x</td> <td>6</td> <td>7</td> <td>9</td> <td>10</td> <td>4</td> </tr> </table>	Movies	A	B	C	D	E	x	6	7	9	10	4	Analyze	CMB013.05												
Movies	A	B	C	D	E																						
x	6	7	9	10	4																						
2	Draw a multiple bar diagram from the following data <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>yr</td> <td>2001</td> <td>2002</td> <td>2003</td> <td>2004</td> <td>2005</td> <td>2006</td> <td>2007</td> </tr> <tr> <td>export</td> <td>1000</td> <td>1400</td> <td>5000</td> <td>1200</td> <td>3900</td> <td>3800</td> <td>2500</td> </tr> <tr> <td>import</td> <td>1200</td> <td>4000</td> <td>6900</td> <td>5000</td> <td>5900</td> <td>2000</td> <td>1400</td> </tr> </table>	yr	2001	2002	2003	2004	2005	2006	2007	export	1000	1400	5000	1200	3900	3800	2500	import	1200	4000	6900	5000	5900	2000	1400	Evaluate	CMB013.09
yr	2001	2002	2003	2004	2005	2006	2007																				
export	1000	1400	5000	1200	3900	3800	2500																				
import	1200	4000	6900	5000	5900	2000	1400																				
3	Draw sub divided bar diagram from the following data <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>science</td> <td>12</td> <td>13</td> <td>45</td> <td>12</td> </tr> <tr> <td>Maths</td> <td>12</td> <td>13</td> <td>33</td> <td>45</td> </tr> <tr> <td>hindi</td> <td>11</td> <td>22</td> <td>61</td> <td>10</td> </tr> <tr> <td>telugu</td> <td>12</td> <td>10</td> <td>18</td> <td>14</td> </tr> </table>	science	12	13	45	12	Maths	12	13	33	45	hindi	11	22	61	10	telugu	12	10	18	14	Evaluate	CMB013.07				
science	12	13	45	12																							
Maths	12	13	33	45																							
hindi	11	22	61	10																							
telugu	12	10	18	14																							
4	Represent The following data by sub division bar diagrams: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Year</td> <td>2006</td> <td>2007</td> <td>2008</td> </tr> <tr> <td>Gross income</td> <td>405</td> <td>480</td> <td>550</td> </tr> <tr> <td>Gross expenditure(in lakhs)</td> <td>400</td> <td>450</td> <td>500</td> </tr> <tr> <td>Net income</td> <td>5</td> <td>30</td> <td>50</td> </tr> </table>	Year	2006	2007	2008	Gross income	405	480	550	Gross expenditure(in lakhs)	400	450	500	Net income	5	30	50	Evaluate	CMB013.11								
Year	2006	2007	2008																								
Gross income	405	480	550																								
Gross expenditure(in lakhs)	400	450	500																								
Net income	5	30	50																								
5	The following is the distribution of weights (in kgs) of 50 persons <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>weight</td> <td>50-55</td> <td>55-60</td> <td>60-65</td> <td>65-70</td> <td>70-75</td> <td>75-80</td> <td>80-85</td> <td>85-90</td> </tr> <tr> <td>Persons(no's)</td> <td>12</td> <td>8</td> <td>5</td> <td>4</td> <td>5</td> <td>7</td> <td>6</td> <td>3</td> </tr> </table>	weight	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	Persons(no's)	12	8	5	4	5	7	6	3	Evaluate	CMB013.08						
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6	Draw less than ogive and more than ogive for the following frequency distributions <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>marks</td> <td>0-10</td> <td>10-20</td> <td>20-30</td> <td>30-40</td> <td>40-50</td> <td>50-60</td> <td>60-70</td> </tr> <tr> <td>No of students</td> <td>4</td> <td>8</td> <td>11</td> <td>15</td> <td>12</td> <td>6</td> <td>3</td> </tr> </table>	marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	No of students	4	8	11	15	12	6	3	Evaluate	CMB013.04								
marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70																				
No of students	4	8	11	15	12	6	3																				
7	The following data shows the number of accidents sustains by 313 drivers of public utility company over a period of 5 years. Draw the frequency polygon <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>accidents</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>drivers</td> <td>80</td> <td>65</td> <td>50</td> <td>39</td> <td>25</td> <td>19</td> <td>7</td> <td>5</td> <td>3</td> </tr> </table>	accidents	0	1	2	3	4	5	6	7	8	drivers	80	65	50	39	25	19	7	5	3	Analyze	CMB013.02				
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Sl. No	QUESTION	Blooms Taxonomy Level	Course learning Outcome																	
8	Draw a pie diagram to represent the following data of proposed expenditure by a state government for the year 2015-16	Analyze	CMB013.14																	
	<table border="1"> <thead> <tr> <th>ITEMS</th> <th>EXPENDITURE</th> </tr> </thead> <tbody> <tr> <td>Agriculture</td> <td>4200</td> </tr> <tr> <td>Industries</td> <td>1500</td> </tr> <tr> <td>Health</td> <td>1000</td> </tr> <tr> <td>Education</td> <td>500</td> </tr> </tbody> </table>			ITEMS	EXPENDITURE	Agriculture	4200	Industries	1500	Health	1000	Education	500							
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HOD-MBA

