

ST. JOSEPH'S DEGREE & PG COLLEGE

Autonomous, Affiliated to Osmania University

DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021 ACCOUNTING FOR BUSINESS

Programme:	MBA	Date:	26-05-2021
Subject Code/Course Code:	MBA 2020-103	Duration:	1 Hr 30 Mins.
Subject Name/Course Name:	Accounting for Business	Max. Marks:	30 Marks
Name of the Student:		Roll No:	

Q.NO	QUESTION	Marks	BTL
1	Explain the importance of Liquidity ratios.	3	BL2
2	List out the objectives of Ratio Analysis	3	BL1
3	What are the uses of a funds flow statement?	3	BL5
4	“A Cash flow statement is required to explain changes in cash account balances between balance sheet dates.” Explain the statement.	3	BL5
5	Discuss the characteristics of marginal costing .	3	BL6

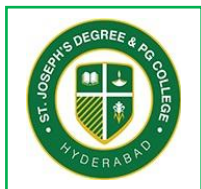
SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

6. a.	What is Financial Statement Analysis? Elaborate on different methods of the Financial Statement Analysis.	5	BL6																														
OR																																	
b.	Given below is the Balance Sheet of VS LTD for the years 2017& 2018. Analyze the financial position of the company by Preparing a Comparative Balance Sheet and interpret.		BL4																														
<table><tr><th>Particulars</th><th>2017(₹)</th><th>2018(₹)</th></tr><tr><td>Capital</td><td>10,000</td><td>10,000</td></tr><tr><td>Reserves</td><td>500</td><td>600</td></tr><tr><td>Debentures</td><td>-</td><td>100</td></tr><tr><td>Land &Building</td><td>10,000</td><td>6,000</td></tr><tr><td>Creditors</td><td>200</td><td>-</td></tr><tr><td>Bills payable</td><td>400</td><td>300</td></tr><tr><td>Machinery</td><td>1,000</td><td>3,000</td></tr><tr><td>Current Assets</td><td>100</td><td>2,000</td></tr></table>			Particulars	2017(₹)	2018(₹)	Capital	10,000	10,000	Reserves	500	600	Debentures	-	100	Land &Building	10,000	6,000	Creditors	200	-	Bills payable	400	300	Machinery	1,000	3,000	Current Assets	100	2,000				
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7. a.	Distinguish between Funds Flow Statement and Cash Flow Statement.	5	BL6																														
OR																																	
b.	Estimate the Working Capital of AB Ltd by Preparing a Statement of Changes from the information given below:		BL6																														
<table><tr><th>LIABILITES</th><th>2017 (₹)</th><th>2018 (₹)</th><th>ASSETS</th><th>2017 (₹)</th><th>2018 (₹)</th></tr><tr><td>Equity Share Capital</td><td>80,000</td><td>80,000</td><td>Fixed Assets</td><td>60,000</td><td>50,000</td></tr><tr><td>Preference share capital</td><td>-</td><td>20,000</td><td>Debtors</td><td>80,000</td><td>48,000</td></tr><tr><td>General Reserve</td><td>4,000</td><td>4,000</td><td>stock</td><td>20,000</td><td>70,000</td></tr><tr><td>P & L</td><td>8,000</td><td>10,800</td><td>Prepaid</td><td>2,600</td><td>1,000</td></tr></table>			LIABILITES	2017 (₹)	2018 (₹)	ASSETS	2017 (₹)	2018 (₹)	Equity Share Capital	80,000	80,000	Fixed Assets	60,000	50,000	Preference share capital	-	20,000	Debtors	80,000	48,000	General Reserve	4,000	4,000	stock	20,000	70,000	P & L	8,000	10,800	Prepaid	2,600	1,000	
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	Account			expenses				
	Debentures	22,000	25,600	cash	400	7,000		
	Creditors	24,000	26,000					
	Bank overdraft	25,000	9,600					
	Total	1,63,000	1,76,000		1,63,000	1,76,000		
SECTION –C(CASE STUDY)								
Compulsory Question- (Unit-5)				(1 Q X 5 Marks = 5 Marks)				
8. a.	From the following information, find out the amount of profit earned during the year .Apply marginal costing technique. Fixed cost: 50,000 Variable cost: Rs.10 per unit Selling price: Rs.15 per unit Output level: 1, 50,000 units						5	BL3
b.	OR You are required to calculate the breakeven point in the following cases. Apply the formulae. The fixed cost for the year Rs: 80,000 Variable cost per unit for the single product being made is Rs: 4/- Estimated sales for the period are valued at Rs.2, 00,000. The number of units involved coincides with the expected volume of output. Each unit sells at Rs: 20/- .							BL3



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DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021

BUSINESS LAWS

Programme:	MBA	Date:	27-05-2021
Subject Code/Course Code:	MBA 2020-106	Duration:	1 Hr 30 Mins.
Subject Name/Course Name:	Business Laws	Max. Marks:	30 Marks
Name of the Student:		Roll No:	

Q.NO	QUESTION	Marks	BTL
1	Summarise Doctrine of Caveat emptor.	3	BL2
2	Distinguish between Conditions and Warranties.	3	BL4
3	Explain Memorandum of Understanding (MOU).	3	BL2
4	Illustrate Articles of Association.	3	BL2
5	List out the Unfair Trade practices.	3	BL4

SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

6. a.	Identify the meaning of Cheque and types of crossing with suitable examples.	5	BL3
b.	OR Distinguish between Sale and Agreement to sell with appropriate examples.		BL4
7. a.	Explain various types of companies.	5	BL2
b.	OR Summarize the Powers and responsibilities of the directors of a company.		BL2

SECTION –C(CASE STUDY)

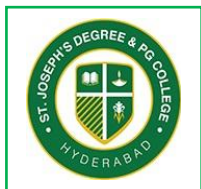
Compulsory Question- (Unit-5)

(1 Q X 5 Marks = 5 Marks)

8. a.	Pepsi Co. Inc. and Ors. v. Hindustan Coca Cola Ltd. and Anr: (2003): In this example, Pepsi filed a suit against Coca-Cola for wrongful use of their TM in a commercial where in a lead actor asks a kid to his favourite drink for which he says that he likes Pepsi which was obvious from his lip movement as it was muted. Then the lead actor asks the kid to taste the two samples of drinks after hiding their identity and questions the kid as to 'Bacchon Ko Konsi pasand aayegi?'. The kid points to one drink and says that children would prefer it because it is sweeter and says that he does not like that drink. He likes the taste of the other drink and says that it is a stronger drink and has to be consumed by grownups. After the lead actor opens the lid of both the bottles, it is revealed that the bottle which the kid likes was 'Thumps-Up' while the other had PAPPI written on it which deceptively resembles PEPSI. The kid feels embarrassed as he had earlier liked the Pepsi taste and hence keeps his hands on his hand as a matter of disappointment. In some other advertisements the commercials read the slogan as 'Wrong choice baby', and that the 'Thums Up' is a right choice, and 'Kyo Dil Maange No More' which amounts to damaging	5	BL5
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	<p>the reputa of Pepsi.</p> <p>Q1.To which concept do you want to relate the case with and why?</p> <p>Q2.Do you think the advertisement was misleading consumers?</p> <p>Q3.How do you conclude the case and give your opinion and judgement.</p> <p style="text-align: center;">OR</p> <p>b. Abirami, a student of Ansari Nagar, joined a two year course at a local coaching institute for professional courses in New Delhi. At the time of joining the course, she paid the fees Rs 61,020 as lump sum for the entire course of two years. However, she decided to opt out of the course at the end of one year as she found that the quality of teaching was not up to the mark. When she asked for a refund of the fee for one year, it was denied to her. When she filed the case in the District Consumer Court, the Court directed the Institute to refund Rs 28,000 saying that she had the right to choose. The Institute again appealed in the State Consumer Commission. The State Commission upheld the district court's direction and further fined the institute Rs 25,000 for a frivolous appeal. It also directed the institute to pay Rs 7000 as compensation and litigation cost.</p> <p>Q1.Was it right on the part of Abirami to discontinue the course and on what grounds she filed a case?</p> <p>Q2.How do you want to conclude the case and also give your judgement on the case relating it to the concept .</p>		
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BL5



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DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021 INDIAN ETHOS AND BUSINESS ETHICS

Programme:	MBA	Date:	28-05-2021
Subject Code/Course Code:	MBA 2020-109	Duration:	1 Hour
Subject Name/Course Name:	Indian Ethos and Business Ethics	Max. Marks:	20 Marks
Name of the Student:		Roll No:	

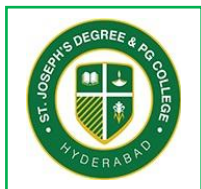
Q.NO	QUESTION	Marks	BTL
1	Define the terms Indian Ethos & Business Ethics.	2	BL1
2	Identify various Stress Management techniques.	2	BL3
3	What are the various principles practiced by Indian companies.	2	BL1
4	What is Ethical Dilemma?	2	BL1
5	Identify differences between Absolutism and Relativism.	2	BL3

SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

6. a.	Compare and Contrast Indian vs Western Management.	5	BL2
b.	<p>Sincerity with the Workplace</p> <p>Monica was fired from a company due to her irresponsibility, irregularity and lateness. She was working as an office assistant. After few weeks she comes to her former manager and informs that she has applied in another company for the same post and has given his name as a reference. She needs a job as she is a single parent with two children. She requests him to give good recommendation and feedback and not mentioning her weaknesses if enquired. Monica asks her manager to make a character and experience certificate mentioning that she left the company voluntarily due to her family issues and the company didn't want her to leave.</p> <p>The manager knows Monica personally and has a soft corner for her; however, he would not recommend his own company hire her back.</p> <p>i) What should the manager say to the employer who calls him for Monica?</p> <p>ii) What if the employer was manager's friend?</p>		BL2
7. a.	What are various stages in Kohlberg's six stages of moral development	5	BL2
b.	<p>Ethical Dilemma:</p> <p>You are applying for the job of sales associate. You have just found out that you will be given a personality assessment as part of the application process. You feel that this job requires someone who is very high in extraversion, and someone who can handle stress well. You are relatively sociable and can cope with some stress but honestly you are not very high in either trait. The job pays well and it is a great stepping-stone to better jobs.</p> <p>i) How are you going to respond when completing the personality questions?</p> <p>ii) What are the advantages and disadvantages of completing the questions honestly?</p>		BL3



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DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021 MANAGEMENT & ORGANISATIONAL BEHAVIOUR

Programme:	MBA	Date:	25-05-2021
Subject Code/Course Code:	MBA 2020-101	Duration:	1 Hr 30 Mins.
Subject Name/Course Name:	Management & Organisational Behaviour	Max. Marks:	30 Marks
Name of the Student:		Roll No:	

Q.NO	QUESTION	Marks	BTL
1	Discuss the determinants of Personality.	3	BL2
2	Give the concepts of Values, attitude and learning.	3	BL1
3	Discuss the functions of the group.	3	BL2
4	Explain various types of leadership styles.	3	BL2
5	Identify the factors shaping organizational Culture.	3	BL2

SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

6. a.	Discuss the Big – Five Model of Personality. Mention the other organisationally relevant personality traits.	5	BL2
b.	OR Evaluate the Contemporary theories of Motivation.		BL4
7. a.	Discuss the group development stages.	5	BL2
b.	OR Explain various barriers to communication.		BL2

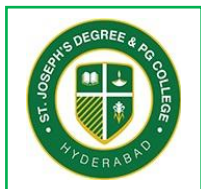
SECTION –C(CASE STUDY)

Compulsory Question- (Unit-1/Unit-2)

(1 Q X 5 Marks = 5 Marks)

8. a.	Glenn Tilton, CEO of United Airlines wanted to save the company from going towards bankruptcy as it was making continuing losses. He travelled around the country and talked to his employees to get their suggestions on what was required to help the company recover from bankruptcy. One of his goals in these talks was to get employees to think about solving problems rather than blaming others for what was wrong with the company. They could ask any questions or give suggestions as long as they did not blame their colleagues, supervisors, unions or management for airlines' plight. Based on the suggestions and opinions he cut the workforce, convinced employee for wage concessions and institute a bonus system that reward the employee for wage concessions, and instituted a new incentive/bonus system that reward the employees for achieving the company's goals for on time departures. As a result, the customer service ratings went up and they were able to recover from their losses. In order to appreciate the employee behaviour regarding productivity and customer service the company came up with a new incentive system under which employees were paid a bonus of over \$ 26 million after the company exceeded its goals. With reference to Kurt Lewin's three step change process, answer the following 1. Identify the driving force in the above case	5	BL4
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	<p>2. Identify the three steps in the change process. Justify your answer citing relevant details from the facts given in the case. Do not make your own assumptions.</p> <p style="text-align: center;">OR</p> <p>b. Uday Sankar from Kerala was employed in a privately owned firm in Ahmedabad after undergoing training in Bombay. He was selected for the post of sales representative in the firm's Madras office but was not posted back. There was a communication barrier as he could speak neither Hindi nor Gujarati. He decided to confront to sales Manager, Vijay Sharma resented Uday bringing ip this issues of transfer as he has promised his colleague's relative a position in Madras Office. He was promised accommodation but received none. As regards to company's policy on commission, Uday felt that is paid to only those people who are nice to top management of the company. If he fails continuously say for 3 to 4 months in achieving this target, he has to withdraw himself from the job. He felt that he was not getting sufficient opportunity to increase the sales. Shreedharan, manager of Ahmedabad branch was surprised with hostile attitude of Mr. Vijay Sharma toward Uday and at the earliest opportunity wanted Uday that an extra effort would be needed if he wanted to continue to work in the company. He thought, he would have to resign before a dismissal left an indelible black mark on his career.</p> <p>1. Comment on the organisation climate and give the perception of Mr. Uday on the organization.</p> <p>2. If you were in the position of Uday, what is the action you will take? Substantiate with the reasons.</p>		BL5
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DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021 MANAGERIAL ECONOMICS

Programme:	MBA	Date:	27-05-2021
Subject Code/Course Code:	MBA 2020-105	Duration:	1 Hr 30 Mins.
Subject Name/Course Name:	Managerial Economics	Max. Marks:	30 Marks
Name of the Student:		Roll No:	

Q.NO	QUESTION	Marks	BTL
1	Define Cobb Douglas Production Function.	3	BL1
2	Illustrate Isoquant Concept with graph?	3	BL1
3	Differentiate between Peak load pricing and Transfer pricing.	3	BL2
4	What is the meaning Nash Equilibrium?	3	BL2
5	Write about inflation?	3	BL2

SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

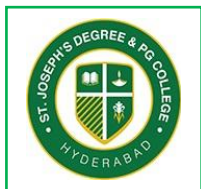
6. a.	Explain Law of variable Proportions?	5	BL2
	OR		
b.	Discuss economies of scale and diseconomies of scale.		BL2
7. a.	Explain price output relation in monopolistic competition short run and long run?	5	BL2
	OR		
b.	Define Oligopoly and explain about kink demand curve?		BL2

SECTION –C(CASE STUDY)

Compulsory Question- (Unit-5)

(1 Q X 5 Marks = 5 Marks)

8. a.	Are cyclic fluctuations necessary for economic growth?	5	BL4
	OR		
b.	If a person has more income, he or she can buy more goods and services and his or her material well-being improves. So it may seem reasonable to treat his or her income level as his or her level of well-being. GDP is the sum total of value of goods and services created within the geographical boundary of a country in a particular year. It gets distributed among the people as incomes (except for retained earnings). So we may be tempted to treat higher level of GDP of a country as an index of greater well-being of the people of that country (to account for price changes, we may take the value of real GDP instead of nominal GDP). 1. Do you think that GDP is a true indicator of welfare?		BL4



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DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021 MARKETING MANAGEMENT

Programme:	MBA	Date:	26-05-2021
Subject Code/Course Code:	MBA 2020-104	Duration:	1 Hr 30 Mins.
Subject Name/Course Name:	Marketing Management	Max. Marks:	30 Marks
Name of the Student:		Roll No:	

Q.NO	QUESTION	Marks	BTL
1	Explain product Line with example.	3	BL2
2	Compare Market Skimming strategy with Market Penetration strategy	3	BL4
3	Illustrate “Variety seeking Buying Behaviour’ with an example.	3	BL2
4	Explain the 7Os structure of Consumer Behaviour	3	BL5
5	Examine Social Marketing with reference to COVID-19	3	BL4

SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

6. a.	Explain the stages of Product Life Cycle with an example OR	5	BL4
b.	Discuss the steps involved in New Product Development process		BL4
7. a.	Analyze the various factors affecting the Consumer Behaviour OR	5	BL2
b.	Examine the steps in Consumer Decision Making process		BL2

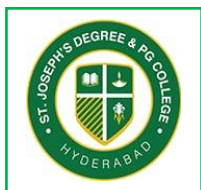
SECTION –C(CASE STUDY)

Compulsory Question- (Unit-1/Unit-2)

(1 Q X 5 Marks = 5 Marks)

8. a.	<p>Caselet on International Marketing:</p> <p>The traditional market for jeans in Japan has peaked and is likely to shrink further. In addition, the distribution structure is changing resulting in the emergence of a new type of large-scale suburban chain store. American brand, Levi-Strauss has to determine how to respond to these trends and chart a direction for future growth.</p> <p>Should they:</p> <ol style="list-style-type: none"> Should they focus on increasing market share of the traditional blue jeans market, introduce new products targeted to the primary target market; expand their customer base by targeting new customer segments, or increase presence in other types of stores? Chalk out a favourable distribution strategy for the company to maintain its market share in Japan. <p>OR</p>	5	BL4
b.	<p>Caselet on Services Marketing: Once an unorganized market mostly run by independent dermatologists and beauticians, Marico Industries, owner of popular brands like parachute, Mediker and Saffola, has entered into the beauty care market through its chain of beauty salons called Kaya Skin Clinic with 8 centres spread across India. The company is putting more efforts into R & D, so as to improve its services and offer a large number of skin care solutions</p>		BL5

	<p>to its customers.</p> <p>Questions:</p> <ol style="list-style-type: none"> 1. Marico, a product manufacturer, has entered the services segment. What challenges will Marico face while marketing its services? 2. With independent and small beauty salons dominating the beauty care industry, what tangible elements do Kaya clinics should use to differentiate their services from the competition? 		
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ST. JOSEPH'S DEGREE & PG COLLEGE

Autonomous, Affiliated to Osmania University

DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021

MS EXCEL FOR BUSINESS

Programme:	MBA	Date:	28-05-2021
Subject Code/Course Code:	MBA 2020-108	Duration:	1 Hour
Subject Name/Course Name:	MS Excel for Business	Max. Marks:	20 Marks
Name of the Student:		Roll No:	

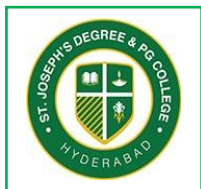
Q.NO	QUESTION	Marks	BTL
1	Write about data validation in MS Excel.	2	BL2
2	Write a line about each of the following Chart Title, Legends, Data Labels.	2	BL1
3	What do you understand by Financial modelling?	2	BL2
4	Write the syntax for counting the number of characters in a string, with an example.	2	BL1
5	Write an example of Mathematical function with syntax.	2	BL1

SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

6. a.	<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td>1</td><td>S.No</td><td>Roll No.</td><td>English</td><td>Maths</td><td>Physics</td><td>Total Marks</td></tr><tr><td>2</td><td>1</td><td>R20121</td><td>47</td><td>3</td><td>9</td><td></td></tr><tr><td>3</td><td>2</td><td>R20122</td><td>71</td><td>73</td><td>100</td><td></td></tr><tr><td>4</td><td>3</td><td>R20123</td><td>29</td><td>84</td><td>48</td><td></td></tr><tr><td>5</td><td>4</td><td>R20124</td><td>19</td><td>13</td><td>97</td><td></td></tr><tr><td>6</td><td>5</td><td>R20125</td><td>9</td><td>84</td><td>86</td><td></td></tr><tr><td>7</td><td colspan="2">Sub Average Marks</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td colspan="6"></td></tr><tr><td>9</td><td colspan="6">Write down the formula for calculating the total marks of each student and Average marks in each subject</td></tr></table>		A	B	C	D	E	F	1	S.No	Roll No.	English	Maths	Physics	Total Marks	2	1	R20121	47	3	9		3	2	R20122	71	73	100		4	3	R20123	29	84	48		5	4	R20124	19	13	97		6	5	R20125	9	84	86		7	Sub Average Marks						8							9	Write down the formula for calculating the total marks of each student and Average marks in each subject						5	BL3														
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b.	OR Draw the layout of PivotTable Fields.		BL1																																																																																				
7. a.	<table><tr><td></td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr><tr><td></td><td colspan="6">Number of Charecters in the following text of Cell A2 is calculates as 26</td></tr><tr><td>1</td><td colspan="6"></td></tr><tr><td>2</td><td colspan="2">Mahatma Gandhi</td><td colspan="4">Mahatma Gandhi</td></tr><tr><td>3</td><td colspan="6"></td></tr><tr><td></td><td colspan="6">i) Actual length of the text "Mahatma Gandhi" is 14. Now write a formula to remove the extra space in cell A2 and display the result in Cell A8</td></tr><tr><td>4</td><td colspan="6"></td></tr><tr><td>5</td><td colspan="6"></td></tr><tr><td></td><td colspan="6">ii) Write down the formula for combining the text in the cells C2 and D2 with out merging them and display the result in the cell C8</td></tr><tr><td>6</td><td colspan="6"></td></tr><tr><td>7</td><td colspan="6"></td></tr><tr><td>8</td><td colspan="2"></td><td colspan="4"></td></tr></table>		A	B	C	D	E	F		Number of Charecters in the following text of Cell A2 is calculates as 26						1							2	Mahatma Gandhi		Mahatma Gandhi				3								i) Actual length of the text "Mahatma Gandhi" is 14. Now write a formula to remove the extra space in cell A2 and display the result in Cell A8						4							5								ii) Write down the formula for combining the text in the cells C2 and D2 with out merging them and display the result in the cell C8						6							7							8							5	BL3
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b.	OR Write an essay on Financial Modelling and also write down its uses.		BL2																																																																																				



ST. JOSEPH'S DEGREE & PG COLLEGE

Autonomous, Affiliated to Osmania University

DEPARTMENT OF BUSINESS MANAGEMENT

MBA I Year I Semester Internal – II Examination, May 2021 STATISTICS FOR MANAGEMENT

Programme:	MBA	Date:	25-05-2021
Subject Code/Course Code:	MBA 2020-102	Duration:	1 Hr 30 Mins.
Subject Name/Course Name:	Statistics for Management	Max. Marks:	30 Marks
Name of the Student:		Roll No:	

Q.NO	QUESTION	Marks	BTL
1	Write down the procedure of Hypothesis Testing.	3	BL1
2	Explain Type-I Error and Type-II Error.	3	BL2
3	What are the applications of t-distribution? Mention with the formulae.	3	BL1
4	What are the assumptions of Chi-Square Distribution? Write the applications of Chi-Square test.	3	BL1
5	What is Edward Spearman's Rank Correlation Coefficient? Write the formulae for Rank Correlation when (i) ranks are repeated and (ii) ranks are not repeated.	3	BL2

SECTION –B

Answer all questions

(2 QX 5 Marks= 10 Marks)

6. a.	What are the types of Sampling Methods? Explain with examples.		BL5																									
	OR																											
b.	An investigation of the relative merits of two kinds of flashlight batteries showed that a random sample of 100 batteries of brand 'A' lasted on the average of 36.5 hours with a standard deviation of 1.8 hours, while a random sample of 80 batteries of brand 'B' lasted on the average 36.8 hours with a standard deviation of 1.5 hours. Use a level of significance of 0.05 to test whether the observed difference between the average life times is significant.	5	BL4																									
7. a.	To test the hypothesis that the average number of days a patient is kept in three local hospitals say, A, B and C is the same, a random check on the number of days that seven patients stayed in each hospital reveals the following: <table border="1"><tr><td rowspan="3">Hospitals</td><td>A</td><td>8</td><td>5</td><td>9</td><td>2</td><td>7</td><td>8</td><td>2</td></tr><tr><td>B</td><td>4</td><td>3</td><td>8</td><td>7</td><td>7</td><td>1</td><td>5</td></tr><tr><td>C</td><td>1</td><td>4</td><td>9</td><td>8</td><td>7</td><td>2</td><td>3</td></tr></table>	Hospitals	A	8	5	9	2	7	8	2	B	4	3	8	7	7	1	5	C	1	4	9	8	7	2	3	5	BL4
Hospitals	A		8	5	9	2	7	8	2																			
	B		4	3	8	7	7	1	5																			
	C	1	4	9	8	7	2	3																				
	OR																											
b.	The number of scooter accidents per month in a certain town were as follows: <div>12, 8, 20, 2, 14, 10, 15, 6, 9, 4</div> Are these frequencies in agreement with the belief that accident conditions were the same during this 10 month period? (Chi-Square Test, L.O.S-5%)		BL4																									

SECTION –C(CASE STUDY)																													
Compulsory Question- (Unit-1/Unit-2)								(1 Q X 5 Marks = 5 Marks)																					
8. a.	Calculate the coefficient of correlation using the following data:											5	BL4																
	<table><tr><td>x</td><td>7</td><td>6</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr><tr><td>y</td><td>18</td><td>16</td><td>14</td><td>12</td><td>10</td><td>6</td><td>8</td></tr></table>								x	7	6		5	4	3	2	1	y	18	16	14	12	10	6	8				
	x	7	6	5	4	3	2	1																					
y	18	16	14	12	10	6	8																						
<p style="text-align: center;">OR</p>																													
b.	From the following data, obtain the two regression equations:												BL5																
Sales		91	97	108	121	67	124	51	73	111	57																		
Purchase		71	75	69	97	70	91	39	61	80	47																		
