

- h) Monopolistically competitive firms ignore the effect of their decisions upon other firms in the industry because
- each firm is large relative to the market
 - each firm is small relative to the market
 - there are few sellers in the market
 - all firms follow the same known pricing rules
- i) In order to convert nominal GDP to real GDP, we must divide
- Real GDP by the price index
 - Nominal GDP by the Price index
 - The price index by nominal GDP
 - The price index by real GDP
- j) In the circular flow of income and output, saving is
- Injection of money
 - Withdrawal of money
 - Addition to capital stock
 - None of the above

Q2

Answer the following questions:

(2x10)

- What major decisions a firm must make to maximize profits and to use its resources for production?
- In what way the growth of the economy would affect demand for a commodity?
- A New hormone will increase the amount of milk each cow produces. If this hormone is adopted by many dairies what will be the effect on the milk market?
- If by increasing the quantity of labour by one unit, a firm gives up 3 units of capital, and yet produces the same level of output, then what would be the value of MRTSL, K?
- What does the iso-cost line represent?
- Why do existing products in the market can be easily imitated by any new entrant in monopolistic competition?
- What is the need for different pricing strategies for retailers?
- Why business cycles are synchronic by nature?
- Distinguish between GDP at market price and GDP at factor cost.
- Why inflation is considered as a necessary evil?

Q3

Investigating the demand for textiles in a country, a researcher observed that the demand for textiles tend to rise by 1.5% with 1% decrease in the prices of textiles; with the rise in 1% of percapitaGDP, the demand for textiles rise by 0.45% and when food prices increase by 1%, the demand for textiles contracts by 0.93%.

(15)

- Which type of elasticity the textiles mills should consider significant for business development?
- How much rise in sales is expected during a festival season by offering 20% discount by textile mills show rooms?

Q4

State the law of diminishing returns. Why do diminishing marginal returns to a variable input occur eventually? Can they become negative? If so, why?

(15)

Q5

Discuss the effect on the prices of other brands in a monopolistically competitive industry, when a representative firm increases the price of its brand?

(15)

Q6

Explain the various economies of scale and dis- economies of scale that accrue to the firm when it expands its scale of production.

(15)

Q7

What are the objectives of pricing policy? Discuss the major factors involved in pricing policy.

(15)

Q8

Which monetary and fiscal measures do you think are more effective in controlling cyclical fluctuations? Give logic in support of your answer.

(15)

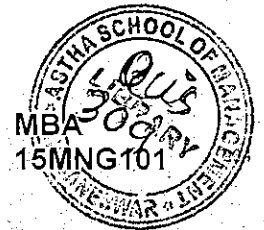
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Total Number of Pages: 03



1st Semester Regular/Back Examination 2017-18
STATISTICS AND DECISION SCIENCE

BRANCH : MBA

Time: 3 Hours

Max Marks: 100

Q.CODE: B1160

Answer Question No.1 and 2 which are compulsory and any four from the rest.
 The figures in the right hand margin indicate marks.

Q1 Answer the following questions:

(2x10)

- a) The quartiles of a normal distribution are 47.3 and 52.7 respectively, then mean deviation about mode is _____ and range is _____.
- b) The mean and S.D. of a normal distribution are 10 and 6, the point of inflexion is _____ and coefficient of kurtosis is _____.
- c) If $r=0.6$, then coefficient of non-determination is _____ and if $r=\pm 1$ then two regression line are _____ to each other.
- d) Two variates x and y are given by $y=2-3x$, if variance of x is 9, then variance of y is _____ and _____ is a unitless measure of dispersion.
- e) If each of the value x is divided by 2 and of y is multiplied by 2, then coded value b_{wy} is _____ times of b_{yx} and if $m_2=4$ and $m_3=8$ the skewness is _____.
- f) In a simplex method the pivot (or key element) can be _____ sign and constraints involve equal sign require use of _____ variables.
- g) Planning military strategy is an application of _____ and prediction of electoral behaviour in election is made by _____ analysis.
- h) If in a game the payment are made from and among the players only then the game is called _____ and assignment problem is a particular case of _____.
- i) If $\lambda=10$ customers per hour and $\mu = 15$ customers per hour then the traffic intensity is _____ and expected number of customers in queue is _____.
- j) If an event B has occurred and it is known that $P(B)=1$, then conditional probability $P(A/B)$ is _____ and for a binomial distribution if $n=6$ and $P(3):P(4)= 8:3$, then value of p is _____.

Q2 Answer the following questions:

(2x10)

- a) If $n=10, \sum x_i = 110, \sum (x_i - 5)^2=1000$, then find S.D of x.
- b) If S.D of 'n' natural numbers is 2, then find value of 'n'.
- c) What is Probability that two persons borne on the same day. (Ignoring date).
- d) A coin and a dice are thrown. What is probability of getting a head or an even number?
- e) The sum of 25 observations is 400 and the sum of squares of observations is 8900, find coefficient of variability.
- f) A speaks truth is 75% and B is 80% of the cases are they likely to contradict each other narrating the same incident.
- g) The regression coefficient of x on y is 0.6, write down the regression coefficient of u and v, where $u+3x=10$ and $2y+5v=25$.
- h) If $\lambda=20$ customers per hour and $\mu = 25$ customers per hour then find expected waiting time in system and in queue.
- i) If $Q_1=26, Q_3=76$ and coefficient of Skewness=0.2, find median.
- j) A pair of dice is thrown 3 times. If getting a doublet is considered as a success, find the probability of 3 successes.

Q3 Find optimal strategies for firm A, firm B and value of the game from the following pay-off matrix by using dominance rule. (15)

		Firm B			
		35	25	5	
		30	15	0	
		40	0	10	
		55	10	15	
Firm A					

Q4 Find B.F.S and T.C from the following T.P by NWCM, and then test for optimality by 'MODI' method. (15)
Warehouse

Plant	W1	W2	W3	W4	Supply
P1	6	2	6	12	120
P2	4	4	2	4	200
P3	13	8	7	2	80
Demand	50	80	90	180	

Q5 a) A Sample of 100 arrivals of customers to a departmental store is according to the following distribution: (9)

Time between arrival (minutes)	1	1.5	2	2.5	3
Frequency	18	15	36	19	12

Simulate for next 10 time between arrivals and time of arrivals by using random numbers : 25,39,65,76,12,05,73,89,19,49.

b) Mean and S.D. of 100 observations are 40 and 5.1 respectively. By mistake, one observation is misprint as 50 against 40, then find corrected mean and S.D. (6)

Q6 a) The number of units of an item that are withdrawn from inventory on a day-to-day basis follows Markov process in which requirements for tomorrow depend on today's requirement. A one-day transition matrix is given below. (9)
Numbers of units withdrawn from inventory.

		Tomorrow		
		5	10	12
		5 0.6	0.4	0
		100.3	0.3	0.4
		120.1	0.3	0.6
Today				

Find two-day transition matrix by constructing probability tree diagrams.

b) A municipal corporation puts 10,000 light bulbs in the street. If lives of bulbs follow normal distribution with a mean of 60 days and a standard deviation of 20 days, then find how many bulbs will be replaced after 20 days? (6)

5

Q7 a) Time taken in minutes by workers for different jobs are given in the matrix.

284

(9)

Workers	Jobs				
	1	2	3	4	5
A	2	9	2	7	1
B	6	8	7	6	1
C	4	6	5	3	1
D	4	2	7	3	1
E	5	3	9	5	1

284

284

Find optimal assignment schedule by HAM.

b) Two regression lines are given below.
 $3x+2y=10$ and $6x+y=15$,
Find Correlation Coefficient.

(6)

Q8 a) Prove that $-1 \leq r \leq 1$
(r = correlation coefficient)

284

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(7)

b) Write short note ;
a) Maximin Criterion.
b) Minimax Criterion.

(4)

(4)

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Total Number of Pages: 02

1st Semester Regular/Back Examination 2017-18
ENGLISH COMMUNICATION SKILLS
BRANCH : MBA
Time : 3 Hours
Max Marks : 100
Q.CODE : B1072

MBA
15MNG107

Answer Question No.1 & 2 which are compulsory and any four from the rest.
The figures in the right hand margin indicate marks.

- Q1** Answer the following : (2x10)
- a) Communication which takes place between 'peers' is known as _____ communication.
a) Diagonal
b) Grapevine
c) Horizontal
d) upward
 - b) The study of the eye contact is called _____
a) Oculistics
b) Kinesics
c) Proxemics
d) Chronemics
 - c) There are _____ speech sounds in English.
a) 26
b) 42
c) 44
d) 24
 - d) How many syllables are there in the word "Management"? (2,3,4,5)
 - e) Indian speakers of English generally follow _____. (EIE/GAE/RP/ALL)
 - f) Write only the IPL symbols of the vowel contained in the following words. Photo, Shoe, Train, Judge
 - g) What is the difference between a filter and a barrier?
 - h) What do you mean by coherence and cohesion in a paragraph?
 - i) I was feeling unwell and _____ I went to see a doctor. (Write a suitable conjunction)
 - j) Two characteristics of effective writing are..... and

- Q2** Answer the following questions briefly. (2x10)
- a) What do you mean by information gap principle?
 - b) How many long and short vowels are there in English?
 - c) Give two examples of non-verbal communication.
 - d) Write the plain English of these words. Manifest, Commence
 - e) Deposit this money in the bank. (Change in to passive voice)
 - f) Write two strategies for improving listening skills.
 - g) Differentiate between skimming and scanning.
 - h) A lady drew this cartoon. She is visiting us today. (combine the two sentences)
 - i) This coffee is so hot that I cannot drink it. (Use too)
 - j) Differentiate between postures and gestures with examples.

(7)

- Q3 Reading is a complex 'cognitive process' of decoding symbols in order to construct or derive meaning. It involves a number of sub-skills. Discuss. (15)
- Q4 Effective communication skills have become the main stay at entry level as well as for career sustenance. Discuss and elucidate. (15)
- Q5 What do you mean by intonation? Why do you think it is significant for communication? Where do you use falling and rising tone? Substantiate your answer with examples. (15)
- Q6 What is bias-language? Briefly discuss the use of bias-free language in different contexts. (15)
- Q7 Write short notes on any THREE : (5x3)
- a) Define and differentiate between word stress and sentence stress.
 - b) Concord
 - c) Write a short paragraphon "Prevention is better than cure".
 - d) Can women be better managers' – Deliver a debate on this topic.
- Q8 A) What do you understand by verbal and non-verbal communication? Explain with suitable examples. (10)
- B) Do as directed. (1x5)
- a) Neither India nor Pakistan are prepared for talks. (Correct the error)
 - b) 'What a shame! You have misbehaved with your teacher?' His mother said. (Change into indirect speech)
 - c) There is little logic in her argument. (Use hardly any)
 - d) If the doctor had come early, the patient's life----- (save). (write the correct form of the verb given bracket)
 - e) The professor's consistent late arrival is offset somewhat by the remarkable quality of his lectures. (Correct the underlined part)

8



Registration No:

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Total Number of Pages : 02

MBA 15MNG105

1st Semester Regular/Back Examination 2017-18 MANAGEMENT PRINCIPLES AND PRACTICES

BRANCH : MBA

Time : 3 Hours

Max Marks : 100

Q.CODE : B1016

Answer Question No.1 and 2 which are compulsory and any four from the rest. The figures in the right hand margin indicate marks.

Q1 Answer briefly the following questions: (2 x 10)

- a) ___ function in the management process is commonly referred to as the primary management function.
b) Economics and management are closely related because of their common focus on ___.
c) ___ is the process of working with and through others to achieve organizational objectives in a changing environment.
d) Managerial ___ tell us what managers generally do, whereas managerial ___ tell us more precisely how managers carry them out.
e) Top management works on ___ plan.
f) The first step in planning process is to ___.
g) Degree to which freedom is given to lower level managers for decision making is classified as ___.
h) ___ control prevents anticipated problems and takes place before the actual activity happens.
i) ___ means grouping the jobs in some logical way.
j) Unity of command principle of effective direction means ___.

Q2 Answer the following questions: (2 x 10)

- a) What is global competency?
b) Explain Johari window.
c) What is meant by Social audit?
d) Who is the father of Modern Management? What is his main contribution?
e) How does IT contribute towards effective controlling?
f) What is C.K. Prahalad's famous contribution to the field of management?
g) What type of leadership style suits a team where followers are highly effective and why?
h) Explain the problems arising out of increasing participation in decision making.
i) What are the common communication barriers in organisations?
j) What is feed forward control?

Q3 a) Give an overview of classical management perspectives. Identify the most important contributors in each of its branches. (10)

b) Explain systems approach to management and its components. (5)

Q4 Write the need of planning for an organization. What are the steps and limitations in planning? Contrast formal planning with informal planning. (15)

Q5 a) Describe a matrix organization and its merits and demerits (7)

b) Define departmentalization. What are the bases of departmentalization? Describe with their respective advantages and disadvantages (8)

5

Q6 What are the different financial and non-financial ways to motivate people in an organization ? What are the theories that help us in understanding what motivates employees ? Which theory according to you seems the most appropriate one (15)

Q7. a) List down the criteria of an effective control system. What are the problems in setting up an effective control system ? Also describe the types of control . (8)

b) Explain communication network. Distinguish between centralized and decentralized networks (7)

Q8 Answer the following Question any THREE. (5x3)

a) Approaches of Porter & Lawler

b) Types of communication

c) Centralization

d) Grapevine communication

Q6 What are the different financial and non-financial ways to motivate people in an organization ? What are the theories that help us in understanding what motivates employees ? Which theory according to you seems the most appropriate one (15)

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Q8 Answer the following Question any THREE. (5x3)

- a) Approaches of Porter & Lawler
- b) Types of communication
- c) Centralization
- d) Grapevine communication

Apr 18	Received a cheque from Santosh and allowed him discount	Rs. 9450
Apr 20	Stationery purchased for cash	Rs. 50
Apr 25	Paid commission by cheque	Rs. 1200
Apr 28	Paid salaries	Rs. 2000
Apr 30	Paid salaries	Rs. 10000
	Interest credited by Bank	Rs. 1500

Q4 The following is the Trial Balance of M/S Infotech Solutions. Prepare Trading, P&L A/c for the year ending 31.12.2016 and the Balance sheet as on that date after taking into considerations the following adjustments. (15)

Particulars	Amount (Debit) Rs.	Particulars	Amount (Credit) Rs.
Opening stock	25,000	Capital	2,00,000
Cash in hand	5,000	Sundry	54,000
Carriage inward	1,000	Creditors	1,000
Wages	71,500	Return outward	54,000
Bills Receivable	31,500	Bills payable	3,54,000
Sundry Debtors	19,000	Sales	
Purchases	1,22,000		
Return inward	500		
Furniture	52,000		
Advertising	6,000		
Salaries	54,000		
Insurance	1,500		
Plant & Machinery	1,50,000		
Drawings	23,000		
Bad debt	1,000		
Total	6,63,000	Total	6,63,000

Adjustments:

- Write off depreciation on plant & machinery @ 10 %
- Salaries outstanding Rs. 1000 and Wages outstanding Rs. 500
- Prepaid insurance Rs. 500
- Closing stock as on 31.12.2016 is Rs. 1,52,000

Q5 What are the causes of Depreciation? Distinguish between Straight line method and Diminishing balance method of charging Depreciation. (15)

Q6 a) Assurance Company Ltd. issued 10,000 equity shares of Rs.10/- each payable as : Rs.3 on application, Rs.5 on allotment (including premium of Rs 2 per share), Rs.4 on the first and final call. Applications were received for 10000 shares and allotments were made in full. The entire issue was complete and all money due were received. Pass journal entries in the books of Assurance Co. Ltd.. (7.5)

b) Distinguish between Going concern concept and Accounting Period concept. (7.5)

Q7 a) The test of liquidity aims at evaluating the short term debt paying capacity of a firm. Discuss the ratios under this category to justify this statement. (7.5)

following information.

Equity Share Capital(10000 shares of Rs100 each)	Rs. 1000000
12% Preference Share Capital(5000 shares of Rs 100 each)	Rs. 500000
Retained Earning	Rs. 100000
General Reserve	Rs. 40000
Interest on Loan	Rs. 30000
Earning Before,Interest and Tax	Rs. 530000
Rate of Income Tax	50%

Q8 How is Cash flow for a period classified in different activities as per Accounting standard-3? Explain with illustration how a Cash flow statement is prepared in this method. (15)

Registration No:

13

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MBA
15MNG102

Total Number of Pages: 02

1st Semester Regular/Back Examination 2017-18
MARKETING MANAGEMENT

BRANCH : MBA

Time: 3 Hours

Max Marks: 100

Q.CODE: B752

Answer Question No.1 and 2 which are compulsory and any four from the rest.
The figures in the right hand margin indicate marks.

- Q1 Fill in the blanks : (2x10)
- a) AMA stands for _____
 - b) 4Ps of Marketing Mix stand for _____
 - c) Door to Door selling is a form of _____
 - d) 80: 20 principle is otherwise known as _____
 - e) Looking for alternatives from outside is known as _____
 - f) Charging a Lower price than the competitors to get into a market is known as _____
 - g) Operating on behalf of another company in the name of the company at a price is known as _____
 - h) Pondering over what products to be manufactured is known as _____
 - i) Manufacturer to Consumer is Level _____ Channel
 - j) Economy of the country is _____ Environment.
- Q2 Answer the following questions: (2x10)
- a) What is Customer Delight?
 - b) What is understood by Psychographics?
 - c) What is a USP?
 - d) What is Brand Equity?
 - e) What do you understand by B-2-G Marketing?
 - f) What is Cost-Plus Pricing?
 - g) What is a Potential Market?
 - h) What is Scheming Pricing?
 - i) What does Value Addition mean?
 - j) What is Labeling?
- Q3 Explain the equation "Marketing = People + Purchasing Power + Motivation". Use example to substantiate your answer. (15)
- Q4 Detail out marketing environment. How does it affect marketing of a product? Exemplify your answer. (15)
- Q5 Is there really any difference between Marketing and Selling? Justify your answer with sufficient elaboration. (15)
- Q6 Lay down the factors that affect pricing decisions. Use examples of different pricing strategies to justify the factors that affect such pricing strategies. (15)

14

Q7 What is the role of Branding in Marketing? Use the Brand Prism to elaborate your answer.

(15)

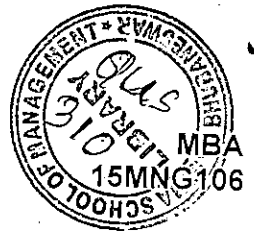
Q8 Write short answer on any TWO :

(7.5x2)

- a) Product Life Cycle
- b) Channel Conflict
- c) Organizational Buying Behavior vs. Consumer Buying Behavior

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Total Number of Pages : 02

1st Semester Regular/Back Examination 2017-18
ORGANIZATIONAL BEHAVIOUR

BRANCH : MBA
Time : 3 Hours
Max Marks : 100
Q.CODE : B1204

Answer Question No.1 and 2-which are compulsory and any four from the rest.
The figures in the right hand margin indicate marks.

- Q1** Answer the following questions: (2x10)
- a) A study of human behavior in organizational settings is _____
a. Individual behavior b. Group behavior c. Organizational behavior d. None of these
 - b) Organization Behavior is _____
a. An interdisciplinary approach b. A humanistic approach
c. Total system approach d. All of these
 - c) Sathish has a low absenteeism rate. He takes responsibility for his health and has good health habits. He is likely to have a(an):
a. Internal locus of control b. External locus of control
c. Core locus of control d. High emotional stability level
 - d) In Maslow's hierarchy needs which of the following pair of needs is ranked as "lower order needs"?
a. Physiological and safety needs b. Physiological and social need
c. Self actualization and safety needs d. Social and esteem needs
 - e) Which behavioural science discipline is most focused on understanding individual behaviour?
a. Sociology b. social psychology c. Psychology d. anthropology
 - f) A learned pre-disposition to respond in a consistently favourable or unfavourable manner with respect to a given object
a. Perception b. Attitude c. Behavior d. personality
 - g) Basis of "Custodial Model of OB is _____
a. Economic resources b. Power c. Leadership d. Partnership
 - h) Person-Job fit" means _____
a. Persons physical fitness match with the job
b. Persons skills match with the job
c. Persons contributions match with the incentives offered by the organization
d. Persons education match with the job
 - i) As per Stimulus-Response Model, input for behaviour process is _____
a. Drive b. Organism c. Stimuli d. Response
 - j) Free rein leadership is also known as
a. Democratic b. Autocratic c. Laissez-Faire d. Bureaucratic



Q2 Answer the following questions:

(2x10)

- a) What do you mean by individual differences and what is its importance in understanding behaviour
- b) What are teams ?
- c) What are the differences between content and process theories of motivation ?
- d) Is pay a motivator or hygiene factor, Justify
- e) What do you mean by group dynamics
- f) Bring out differences between a leader and a manager ?
- g) Individual behavior vrs Organisational behavior, Comment
- h) Define attitude.
- i) What are perceptual errors ? Name any two
- j) What do you mean by organizational culture

Q3 Compare and contrast Maslow's need hierarchy theory and Herzberg's two factor theory. (15)

Q4 What is perception ? Explain the factors influencing the perceptual process (15)

Q5 Explain why people tend to form groups ? Is it not possible to survive without forming groups. Explain various stages of group formation. (15)

Q6 What is personality ? what are its major determinants ? Explain the Big 5 model. (15)

Q7 In Vroom's model , what are valence, expectancy and instrumentality ? How do these variables relate to one another and to work motivation. (15)

Q8 Why is leadership so important in organizations today ? Explain different types of leadership. (15)

and individual differences in work

human resources management

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