

Disha Institute of IT & Management

11541/2006 (July)

MBA (2 year) 1st Semester DDE Examination MAN

POWER AND SKILL DEVELOPMENT Paper - 2.11

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions. One Question from each unit is to be attempted. All questions carry equal marks.

Unit-I

1. State the functions, skills and roles of management.
2. Critically evaluate systems and contingency approaches to management.

Unit-II

3. What is decision-making? Discuss the models of decision making.
4. Write notes on the following
 - (a) Delegation and Decentralisation.
 - (b) Strategic planning.

Unit-III

5. Critically evaluate leadership styles prevalent in Indian environment.
6. Write notes on the following
 - (a) Effective control system.
 - (b) Kinds of control system.

Unit-IV

7. Discuss the importance, nature and process of business communication.
8. Discuss the following
 - (a) Conducting meeting
 - (b) Negotiation.

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11542/2006 (July)

MBA (2 year) 1st Semester DDE Examination

MANAGERIAL ECONOMICS

Paper - 2.12

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit.

Unit-I

1. Define managerial economics and briefly discuss its scope. What are the responsibilities of managerial economist?
2. Explain and illustrate the following
 - (a) Opportunity cost;
 - (b) Incremental reasoning.

Unit-II

3. What are the conditions for a consumer's equilibrium? Explain and illustrate consumer's equilibrium using indifference curve techniques.
4. Define and distinguish between
 - (a) Arc elasticity and point elasticity;
 - (b) free elasticity and cross elasticity.

Unit-III

5. From the data given in table
 - (a) Find the AFC, AVC, AC and MC
 - (b) On one set of axis plot the schedules from (a)
 - (c) Why does AFC decline continuously?
 - (d) What is the relation between AC and MC?

Table **Quantity Units**

	Quantity	Units	(a)	TFC (Rs.)	TVC (Rs.)	TC (Rs.)	
	0	1	2	3	4	5	
6.	Compare competition and competition. How are decisions taken competition?	(Units)		100	0	100	perfect monopolistic price and output under perfect
				100	100	200	
				100	150	250	
				100	250	350	
				100	400	500	
				100	600	700	

Unit-IV

7. Explain the sales maximization model with advertisement. What are its assumptions? How is it applicable in real life situation? revenue
8. Explain the following
 - (a) Average cost pricing;

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(b) Pricing strategies.

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11543/2006 (July)

MBA (2 year) 1st Semester DDE Examination

Accounting for Managers

Paper - 2.13

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

The following is the trial balance of Mr. Arthur as on 31st December 2004.

Dr. Balance (Rs.)

1. What is the need for providing depreciation ?

Discuss with suitable examples the methods of providing depreciation as per Companies Act.

2.	Capital a/c		
	Stock on 1st Jan. 2004	46,800	CR. Balance (Rs.)
	Sales		86,690
	Return Inwards & Outwards	8,600	
	Purchases	3,21 1.700	3,89.600 5,800
	Freight & carriage	18,600	
	Rent and Taxes	5,700	
	Salaries & wages	9,300	
	Debtors & creditors	24,000	
	Bank Loan@6% p.a.		14,800 20,000
	Bank Interest	900	
	Printing & Advertising	14,600	
	Misc. income		250
	Cash at Bank	8,000	
	Discount earned		4,190
	Furniture & Fittings	5,000	
	Discount allowed	1,800	
	Misc. Exps.	15,950	
	Cash in Hand	380	
	Drawing	40,000	
		5,21.330	5,21.330

Following adjustments are to be made

- Included amongst the debtors is Rs. 3,000 due from Ankur and included among the creditors Rs. 1,000 due to him.
- Personal purchases amounting to Rs. 600 have been included in purchase day book.

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- (c) Interest on bank loan is to be provided for the whole *year*.
- (d) A quarter of the amount of Printing and Advertising is to be carried forward to the next *year*.
- (e) Stock on 31-12-2006 was Rs 78600.

Prepare Trading and Profit & Loss Account for the *year* ended 31-12 -2006 and Balance Sheet as on 31 st December 2006.

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Unit-II

3. From the following particulars extracted from the financial statements of ABC Ltd. assess the performance over previous year of the company with the help of relevant ratios and give your comments.

	Year I (Rs.)	Year II (Rs.)
Opening Stock	47,000	53,000
Closing Stock	53,000	67,000
Sales less returns	2.52,000	3,65,000
Provision for Bad debts	2,000	3,000
Sundry creditors	32,000	35,000
Purchases	1,80,000	1,90,000
Sundry debtors	42,000	63,000
Cash	10,000	15,000
Bank	8,000	10,000
Bills Receivable	15,000	20,000
Bills payable	29,000	30,000
Marketable Securities	8,000	8,000

4. "A cash flow statement is required to explain changes in cash account balances between balance sheet dates." Explain this statement.

Unit-III

5. Define management accounting. Discuss the techniques, scope and limitations of management accounting.
6. Briefly discuss, with examples, the following inventory valuation methods
- (a) First in first out
 - (b) Last in first out.

Unit -IV

7. The expenses budgeted for the production of 10,000 units in a factory are as under

	Per unit (Rs.)
Materials	70
Labour	25
Variable overheads	20
Fixed overheads (R-s. 1,00,000)	10
Variable expenses	5
Selling expenses (10% Fixed)	15
Distribution Expenses	8
Administrative Expenses (Fixed)	6

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Prepare a budget for production of (i) 8,000 units and (ii) 7,000 units.

8. "Variance analysis is an integral part of standard cost accounting." Explain.

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11544/2006 (July)

MBA (2 year) 1st Semester DDE Examination

QUANTITATIVE METHODS

Paper - 2.14

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. (a) A person arranges to payoff a debt of Rs. 9,600 in 48 annual instalments which form an arithmetic series. After paying 40 instalments, he becomes insolvent with Rs. 2400 still to be paid. Find the first instalment and annual increase in instalments.
(b) The ratio of the 4th term to 12th term of a GP with positive common ratio is $X/56$. If the sum of the two terms is 61.68, find the sum of the series to 8 terms.
2. In a district, there are 20 colleges, 50 secondary schools and 100 primary schools. Each primary school has 1 peon, 3 clerks and 1 cashier. Each secondary school has, in addition, 1 head clerk and 1 accountant while each college has, in addition, 1 superintendent, 1 peon, and 1 cashier, to the posts of a secondary school. The monthly salary of each of them is as follows :

Superintendent Rs. 15,000, head clerk- Rs. 12,000, accountant- Rs. 10,000, clerk and cashier- Rs. 8,000 and peon- Rs. 5,000.

Using, matrix notation, find

- (i) Total number of posts of each kind in colleges and two types of schools taken together,
- (ii) Total monthly salary bill for each of primary schools, secondary schools and colleges separately,
- (iii) Total monthly salary bill of all the schools and colleges taken together.

Unit-II

3. Calculate the values of arithmetic mean, median and mode for the following distribution

X:	0-5	5-10	10-15	15-20	20-25	25-30	30-35
F :	3	7	15	30	20	10	5

4. (a) Explain the merits and limitations of
(i) arithmetic mean, and (ii) range.
(b) In which types of distribution are median and mode the best averages?

Unit-III

5. (a) What is correlation? Explain various types of correlation.
(b) Why are there two tests in regression analysis?
(c) Briefly explain the components of time series.

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Mean
Standard
deviation

Sum of the products of deviation of marks taken from their respective means is 42075.

- (i) Obtain the two lines of regression
 - (ii) Estimate the marks obtained by a student in Economics, if he/she has got 56 marks in Statistics.
6. The following data relates to the marks obtained by 450 students

Marks in

Statistics	Economics
40	48
12	16

Unit-IV

7. (a) Differentiate between the following
 - (i) Equally likely and non-equally like events.
 - (ii) Independent and dependent events.
 - (b) State and prove addition theorem of probability.
 - (c) Describe the characteristics of Binomial distribution.
8. (a) There are three persons A, B and C. Chances of their selection as manager are $\frac{1}{3}$, $\frac{2}{9}$, $\frac{4}{9}$ respectively. If selected, chances of radical changes in the production department being introduced by them are 0.5, 0.6 and 0.7 respectively. Changes were introduced in the department. Find the probability that they were due to A, B, or C.
- (b) Five coins are tossed simultaneously. Find the probability of getting
 - (i) no head
 - (ii) at least 3 heads.

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11545/2006 (July)

MBA (2 year) 1st Semester DDE Examination

INDIAN ETHOS AND VALUES

Paper - 2.15

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. What *are* the salient features of Indian socio-political environment 'I Suggest a suitable Indian model of management that may work better in the current environment.
2. What is the concept of Total Quality Management? Discuss Indian insight into TQM.

Unit-II

3. Discuss the causes and solutions to stress in modern organizations. How does the Indian philosophy differ from *western* thought on Stress Management?
4. What is the relevance of trans cultural human values to the field of management? Discuss Indian cultural values having direct bearing to modern management.

Unit-III

5. What is the relevance of values in management ? How value-based management can be promoted?
6. What do you understand by secular versus spiritual values in management ? Discuss their relevance in the current context.

Unit-IV

7. Explain the main characteristics of Ancient Indian Education System. What lessons can be drawn from that system for modern management?
8. How *are* the field of science and management related to each other? Does Indian philosophy based on Gita has any relevance to management?

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11546/2006 (July)

MBA (2 year) 1st Semester DDE Examination Computer Applications in Management Paper - 2.16

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. As a business manager, you *are* to justify the use of computers to a group of industrialists for their firms. Draw a plan wherein the various components of a digital computer system with a block diagram, recent advancements in the computers and its capabilities that have benefited the business managers shall be explained so that they *are* prompted to purchase computers for their firms.
2. What is an Operating System? What *are* the functions of an operating system?

Unit-II

3. Cite topologies and recommend fully justifying the network topology for a nationalized bank providing customer service throughout India with service centres at almost all the state capitals.
4. Write notes on the following
 - (i) Analog and digital signals
 - (ii) Lane distance communication.

Unit-III

5. Explain the concept of database with its relevant advantages and disadvantages. What *are* the characteristics of an ideal database?
6. Discuss various applications of database in organizations.

Unit-IV

7. Explain various browsers and techniques available for browsing the Internet. What security implications *are* important while browsing the *net* to handle threats posed by viruses and worms *etc.*
8. What is *e-commerce* ? Explain the applications, advantages and limitations of *c-commerce* applications.

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11685/2006 (July)

MBA (3 year) 1st Semester DDE Examination

MANAGEMENT PROCESS SKILL DEVELOPMENT Paper-

3.11

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. Is management a science or an art? Explain. Also discuss the major functions of management.
2. (a) Explain the relevance of contingency approach for management functioning.
(b) How does business organisation benefit from involvement in social responsibility?

Unit-II

3. What is the linkage between planning and decision making? How are strategic plans prepared?
4. Elaborate the key issues involved in designing an organisational structure. How does span of control affect this designing?

Unit-III

5. What should be the qualities of a good leader? Is leadership effectiveness dependent on situations?
6. Discuss the meaning and objectives of management control system. How is this system developed?

Unit-IV

7. How is business communication different from other types of communication? Which is the best form of business communication and why?
8. Write short notes on
 - (i) Barriers in communication
 - (ii) Report presentation.

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11686/2006 (July)

MBA (3 year) 1st Semester DDE Examination

MANAGEMENTIAL ECONOMICS

Paper - 3.12

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. Explain the nature and scope of managerial economics. What is the role of a managerial economist in a business organisation?
2. Explain the following
 - (a) Opportunity cost
 - (b) Risk and uncertainty.

Unit-II

3. What are the different degrees of price elasticity of demand? How can it be measured?
4. Using indifference curves, show how does a consumer reach his equilibrium position? What are the conditions of equilibrium?

Unit III

5. How will you determine optimal input combination for a firm ? How do changes in input prices affect this combination?
6. Explain equilibrium of a firm under monopolistic competition in the short and long run.

Unit-IV

7. Give the basic techniques of average cost pricing. What are its objectives?
8. Explain the following
 - (a) Peak load pricing
 - (b) Limit pricing.

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11687/2006 (July)

MBA (3 year) 1st Semester DDE Examination

ACCOUNTING FOR MANAGERS Paper - 3.13

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. Define depreciation. What causes depreciation ? Also distinguish between straight line method and written down value method of providing depreciation.
2. Write short notes on the following
 - (i) Balance Sheet
 - (ii) Journal
 - (iii) Matching Principle.

Unit-II

3. "Ratio analysis is to a business what a score board is to a game." Explain fully.
4. From the following balance sheets of A Ltd. make out
 - (i) Statement of changes in the working capital, and
 - (ii) Fund flow statement.

BALANCE SHEET (YEAR End)

Liabilities	2001 (Rs.)	2002 (Rs.)	Assets	2001 (Rs.)	2002 (Rs.)
Equity Share Capital	3,00,000	4,00,000	Goodwill	1,15,000	90,000
8% Redeemable			Land & Buildings	2,00,000	1,70,000
Preference Share Capital	1,50,000	1,00,000	Plant	80,000	2,00,000
General reserve	40,000	70,000	Debtors	1,60,000	2,00,000
Profit & loss Alc	30,000	48,000	Stock	77,000	1,09,000
Proposed Dividend	42,000	50,000	Bills receivables	20,000	30,000
Creditors	55,000	83,000	Cash in Hand	15,000	10,000
Bills Payable	20,000	16,000	Cash at bank	10,000	8,000
Provision for Taxation	40,000	50,000			
	6,77,000	8,17,000		6,77,000	8,17,000

Additional Information

- (i) Depreciation of Rs. 10,000 and Rs. 20,000 has been charged on plant and land and buildings respectively in 2002.

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- (ii) An interim dividend of Rs. 20,000 has been paid in 2002.
- (iii) Income-tax of Rs. 35,000 has been paid during the year 2002.

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Unit-III

5. "Costing is an instrument of managerial control." Explain the statement and also discuss methods and techniques of costing.
6. (a) Define inventory. Why proper valuation of inventory is important? 6
(b) 'Fixed costs are in fact variable: Explain. 4
(c) 'Sunk cost is irrelevant cost: Discuss. 4

Unit-IV

7. "A budget is a comprehensive and coordinated plan, expressed in financial terms, for the operations and resources of an enterprise for some specific period in the future." Discuss the statement and also explain the essentials of a sound system of budgeting.
8. From the following you are required to calculate
- (i) Material price variance
 - (ii) Material usage variance
 - (iii) Material cost-variance.

Quantity of material purchased 3000 units Value of material purchased Rs. 9,000

Standard quantity of material required for one tonne of finished product -25 units Standard rate of material Rs. 2 per unit Opening stock of material -Nil

Closing stock of material-SOO units

Finished production during the period - 80 tonnes.

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11688/2006 (July)

MBA (3 year) 1st Semester DDE Examination

QUANTITATIVE METHODS

Paper - 3.14

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

1. (a)

(b) **Unit-I**

Find the maximum and minimum values of the function $y = x^3 + 2x^2 - 4x - 5$.

2. (a) A firm produced 6th audio sets in the first year. It has set a target of producing 4000 sets in the end of fifth year. Find out (i) increase in production, in number of sets, each year and (ii) number of sets produced in 12th year.

A new car costed Rs. 3,00,000 in the year 2002. What will be its value at the end of 2007 if its value depreciates at the rate of 10% each year?

Find the inverse of the matrix

$$\begin{bmatrix} 0 & 1 & 2 \\ 1 & 2 & 3 \\ 2 & 3 & 1 \end{bmatrix}$$

[123 311

Unit-II

3. Calculate the values of (i) arithmetic mean (ii) median (iii) mode and (iv) standard deviation for the following distribution

<u>Weekly wages (Rs.)</u>	<u>No. of workers</u>
200-250	4
250 - 300	6
300 - 350	20
354 - 400	12
400 - 450	33
450 - 500	17
500 - 550	8
550 - 600	2

4. Explain the following terms using illustrations:

- (i) Harmonic mean
- (ii) Mean Deviation
- (iii) Skewness.

Unit-III

5. Calculate the values of r_{xy} , b_{xy} and b_{yx} for the following series

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X	10	11	12	13	14	15	16	17	18	19
Y	420	410	400	310	<u>280</u>	<u>260</u>	240	210	210	200

$$r = \frac{\sum_{y} b_{xy} x}{\sum_{y} b_{xy} x} \text{ ? Exp Jain.}$$

Also estimate the value of Y when X = 22.

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6. Calculate the trend values, using least square method, for the following time series

Year	1991	1992	1993	1994	1995	1996	1997	1998	1999
Y	2	6	7	8	10	11	11	10	12

Unit-IV

7. (a) State and prove addition theorem of probability for mutually exclusive events.
(b) Discuss the properties of Binomial Distribution.
8. (a) In a company, a product is manufactured on two machines M_1 and M_2 . Daily output of M_1 is 500 units and that of M_2 is 300 units. Defective units produced by the two machines are 3% and 4% respectively. One unit is chosen at random and found to be defective. Find the probability that it was produced on M_1 or M_2 .
(b) Past records show that of the total bulbs produced by a company 1.5% are defective. A sample of 100 bulbs is taken. Find the probability that the number of defective bulbs are (i) 2 and (ii) 4.

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11690/2006 (July)

MBA (3 year) 2nd Semester DDE Examination

COMPUTER APPLICATIONS IN MANAGEMENT

Paper - 3.22

Time allowed - 3 hour

Maximum marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. What do you understand by Computer System Organisation? Also discuss the characteristics and limitations of computers. 8,6
2. How natural language is different from computer language ? Discuss various types of computer languages. 4,10

Unit-II

3. How Network Topology is different from Network Architecture '? Explain the different topologies used in the computer networks. 4,10
4. Write short notes on the following
 - (i) Analog and Digital Signals
 - (ii) Long Distance Communication. 7,7

Unit-III

5. What is a database? Explain the objectives and limitations of using database. 4,10
6. Write short notes on the following
 - (a) Entities and Attributes
 - (b) Schema and Subschema. 7,7

Unit-IV

7. What is E-commerce ? Explain the framework for E-commerce in detail. 4,10
8. What do you understand by Internet working? Also discuss the Internet applications in detail. 4,10

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Disha Institute of IT & Management

11691/2006 (July)

MBA (3 year) 2nd Semester DDE

Examination ETHOS and VALUES

Paper - 3.23

Time allowed - 3 hour

Maximum

marks: 70

Note: Attempt five questions in all selecting at least one Question from each unit. All questions carry equal marks.

Unit-I

1. What *are* the main features of Indian Heritage ?What lessons can be drawn from Indian Heritage for production, consumption and other economic activities to *face* challenges of new economy?
2. How Indian Ethos and Values *are* relevant to the field of management? Can you suggest a model of management based on ethos and values that can help improve work culture in organisations ?

Unit-II

3. What *are* business ethics ? How ethical values can be inculcated among members of organization?
4. Discuss the problems relating to stress in modern organisations. Explain Indian perspective to stress management.

Unit-III

5. What *are* the main features of new economy? Discuss the relevance of value based management in global change.
6. Distinguish between secular values and spiritual values. Discuss the relevance of secular versus spiritual values to the field of management.

Unit-IV

7. What lessons can be drawn from Ancient Indian Education System for management in the current Context ?
8. Are Science and Spirituality contradictory or complementary to each other? Do they have any relevance to management also?

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