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(2031)

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M.B.A. Examination

**MANAGEMENT PROCESS AND
ORGANIZATIONAL BEHAVIOUR**

Paper–101
(Semester–I)

Time : Three Hours]

[Maximum Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt *five* questions in all selecting *one* question from each unit. All questions carry equal marks.

UNIT-I

1. Discuss the principles of management given by Henri Fayol? Which of the principles do you still observe in modern organizations?

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[P.T.O.]

2. Discuss the Hawthorne study and why it is still important for managers.

UNIT-II

3. Discuss the planning process with the help of a suitable example. Analyze the various types of plans.
4. Decision-making is the primary job of a manager. Comment.

UNIT-III

5. Define Organization. Discuss some important typologies of organizations.
6. Write short notes on the following :
 - (a) Major contributing disciplines to organizational behaviour.
 - (b) Models of Organizational Behaviour.

UNIT-IV

7. Discuss the communication process. What are the various barriers that lead to ineffective communications?
8. Define Personality. Discuss the various personality theories.

UNIT-V

9. What is group dynamics and why is it important for understanding of organizational behaviour? Discuss the various group decision-making techniques.

 10. Explain the major contingency approaches to leadership.
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M.B.A. Examination

MANAGEMENT SCIENCE--(I)

Paper-102

(Semester-I)

Time : Three Hours]

[Maximum Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt *five* questions in all, selecting *one* question from each of the five units. Each question carries equal marks.

UNIT-I

1. Define statistics. Discuss the limitations of statistics. Briefly outline the process of a statistical investigation.

(12)

2. The following table present the profits (in ₹ lakhs) earned by 100 companies during the financial year 2018-2019.

Profits	No. of Companies	Profits	No. of Companies
Less than 20	0	Less than 70	75
Less than 30	4	Less than 80	85
Less than 40	12	Less than 90	93
Less than 50	30	Less than 100	100
Less than 60	60	Less than 110	100

Compute (a) Mean, (b) Median, (c) Mode and Variance.

12

UNIT-II

3. (a) From the following data related to two variables X and Y, find the two regression lines and the correlation coefficient between X and Y :

$$N = 10, \Sigma X = 20, \Sigma Y = 40, \Sigma X^2 = 240,$$

$$\Sigma Y^2 = 410, \Sigma XY = 200.$$

- (b) How multiple correlation is similar or different from partial correlation? 9+3=12

4. (a) A truth serum, given to a suspect, is known to be 90% reliable when the person is guilty and 99% reliable when the person is innocent. If the suspect was selected from a group of suspects of which 95% have never committed a crime and the serum indicates that he is guilty, what is the probability that he is (i) Innocent, (ii) Guilty?

- (b) What are the properties of normal distribution?

(6+6=12)

UNIT-III

5. (a) What is a confidence interval, and why is it useful? What is confidence level?
- (b) Beechcraft Inc. want to estimate the average time it takes the Beechjet to climb from sea level to 41,000 feet. From previous experience, company engineers believe that the variance of climbing time is 4 minutes. The model is tested in 100 random trials, and the sample mean is found to be 22 minutes. Give 95% and 99% confidence intervals for the average climbing time from sea level to 41,000 feet. (3+9=12)

6. What is hypothesis? Explain the following :
- (a) Null and Alternative hypothesis.
 - (b) Type I and Type II error in hypothesis testing.
 - (c) P-Value
 - (d) One-tailed and Two-tailed tests. (12)

UNIT-IV

7. (a) Why the non-parametric tests are also called as distribution free tests?
- (b) What is χ^2 -test of goodness of fit? Explain with example. (3+9=12)
8. (a) In an experiment to determine which of the three missile systems is preferable, the propellant burning rate is measured, the data after coding are given in the following table. Use Kruskal-Wallis test to determine whether the burning rates are same for the three missile system.

Propellant Burning Rates

System A : 24.0 16.7 22.8 19.8 18.9

System B : 23.2 19.8 18.1 17.6 20.2 17.8

System C : 18.4 19.1 17.3 17.3 19.7 18.9 18.8 19.3

(Use $\chi^2_{0.05} = 5.991$ for $df = 2$)

- (b) What is Spearman's rank correlation test? (9+3=12)

UNIT-V

9. What is time series? What are causes of variations in time series data? Explain. (12)
10. Fit a straight line trend by (a) Semi-average method, (b) Least square method to the following data.

Year	Earnings (in ₹ lakhs)
2011	60
2012	70
2013	72
2014	63
2015	74
2016	79
2017	72
2018	80.

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M.B.A. Examination

MANAGERIAL ECONOMICS

Paper-103

(Semester-I)

Time : Three Hours]

[Maximum Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt *five* questions in all, selecting *one* question from each unit. All questions carry equal marks.

UNIT-I

1. Describe the process of Circular flow of income and product in a three-sector closed economy. 12
2. What is meant by a business firm? Discuss in detail the main objectives of a firm. 12

UNIT-II

3. Explain the incremental principle and distinguish between marginalism and incrementalism. 12
4. (a) State and explain the Equi-marginal principle. 6
(b) What is opportunity cost? How it is calculated? 6

UNIT-III

5. Explain the relationship between price elasticity, income elasticity and cross elasticity of demand. What are the managerial uses of elasticity of demand? 12
6. What is meant demand forecasting? Critically analyze the advantages and disadvantages of quantitative and qualitative methods of forecasting. 12

UNIT-IV

7. Explain the nature of the short-run and long-run average cost curves. What are the relevance of cost theories in business decision-making? 12
8. Explain the law of variable proportions with the help of a table and diagram. What are the basic assumptions behind this law? 12

UNIT-V

9. What conditions must be present for price discrimination? Under what circumstances might price discrimination be possible, but not profitable? Explain. 12
10. Discuss and illustrate with diagrams the equilibrium of the firm and industry under monopolistic competition in the short-run and long-run. 12
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M.B.A. Examination

BUSINESS ENVIRONMENT

Paper-104

(Semester-I)

Time : Three Hours]

[Maximum Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/ continuation sheet will be issued.

Note : Attempt *five* questions in all, selecting *one* question from each unit. All questions carry equal marks.

UNIT-I

1. What is business environment scanning? Which components of business environment are studied for better operations of the business?
2. "Significant shift is seen in the business of India, from trade to business to international and then global." Explicate the statement with recent examples.

UNIT-II

3. 'At the one end the government waives crores of loans of select big private companies and on other end makes disinvestment in PSUs, thus favouring private and neglecting public sector undertakings.' Do you favour this statement? Comment on the statement considering changing business relationship and approach of the government.
4. "The labour laws in India made by Dr. Ambedkar before and after becoming first law and justice minister, like – The Factory Act, 1948 and other Acts, are amended from time-to-time. Which major changes or amendments do you see these labour laws? Are these amendments justified?"

UNIT-III

5. 'Merely drafting of monetary policy is not sufficient, so, besides heads of respective banks, the Reserve Bank of India as regulator must be held responsible for increasing NPAs of the banks and huge number of banking frauds'. Comment on the statement considering impacts of such high NPAs and frauds on banking sector and economy as a whole.
6. 'The root cause of social inequality and corruption in India is caste discrimination, gender discrimination and community preferences'. Do you favour this statement? Prove your opinion considering very low fraction of SCST and women business entrepreneurs.

UNIT-IV

7. "The different type of governments at centre and state level pose problems and political risks to business." Comment on the statement.
8. Do you think that information technology has given boost to Indian business and economy? Write pros and cons of Information technology for business.

UNIT-V

9. Why do we invite FDI when there is no dearth of entrepreneurs in India? What are the merits and demerits of FDI?
 10. Why WTO was formed and which main functions it performs? What is the status of India at WTO platform?
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M.B.A. Examination

INDIAN ETHOS AND VALUES

Paper–105

(Semester–I)

Time : Three Hours]

[Maximum Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt *five* questions in all, selecting *one* question from each unit. All questions carry equal marks.

UNIT-I

1. Elucidate the concept of ethics and highlight its importance?
2. One of the merits of ethics is that it provides an underpinning for governance. Comment.

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[P.T.O.]

UNIT-II

3. Discuss the types of values and their relevance in modern management.
4. Explain the need of ethical behavior in leadership.

UNIT-III

5. Discuss the need and relevance of environmental management.
6. Write short notes on the following :
 - (a) Sustainable forest Management.
 - (b) Cleanliness and CSR.

UNIT-IV

7. What do you understand by "Spirituality"? Examine how Indian Culture fosters spirituality?
8. Discuss the importance of Yoga in contemporary times.

UNIT-V

9. What do you understand by the term Environmental Sustainability? Suggest measures to control pollution.
10. Deliberate on how the dominant Indian values affect the Organizational Effectiveness.

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M.B.A. (1st Semester) Examination

ACCOUNTING FOR MANAGERS

Paper-106

Time : Three Hours]

[Maximum Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/ continuation sheet will be issued.

Note : Attempt *five* questions in all, selecting *one* question from each unit. All questions carry equal marks.

UNIT-I

1. Bring out the relationship between journal and ledger.
2. What is the significant of dual aspect concept?

UNIT-II

3. Write short notes on the following :
 - (a) Intangible Assets.
 - (b) Fictitious Assets.
 - (c) Contingent Liabilities.

4. Explain the meaning of the term 'Final account of a Company', State their nature and limitations.

UNIT-III

5. What do you mean by Written Down Value method? Explain its Merits and Demerits.
6. A limited company purchased on 1st January, 2015 a small Plant for Rs. 10,000. On 1st July, in the same year additional plant was purchased costing Rs. 5,000. On 1st July, 2016, the plant purchased on 1st January, 2015 having become obsolete is sold off for Rs. 4,000. On 1st July 2017, a fresh plant was purchased for Rs. 12,000 and the Plant purchased on 1st July 2016 was sold for Rs. 4,200. Depreciation is Provided 10% p.a. on SLM every year. Show Machinery account for three year.

UNIT-IV

7. What are the important sources and modes of application of funds in a modern business firm?
8. Write short notes on the following :
- (a) Statement of Changes in working capital.
 - (b) Dissimilarities between Funds flow and Cash flow analysis.

UNIT-V

9. What are the long-term solvency ratio? How will these be used in analysis of long-term financial stability of the firm?
10. A company has furnished the following ratios and information relating to the year ended 31st March, 2015.

Sales	Rs. 60,000
Current Ratio	2
Share capital to reserve	7 : 3
Rate of income tax	50%
Return on net worth	25%
Net profit to sales	6.25%
Inventory turnover (based on cost of goods sold)	12
Cost of goods sold	Rs.18,00,000
Interest on Debentures	Rs. 60,000
Sundry Debtors	Rs. 2,00,000
Sundry Creditors.	Rs. 2,00,000

Required :

- (i) Determine the operating expenses for the year ended 31st March 2015.
 - (ii) Draw the Balance sheet as at 31st March 2015.
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