

# Question Paper Set of

F.Y.B.M.S. - Sem-II

Regular Exam

University of Mumbai

April, 2017

## Q.P. Code :02170

[Time:  $2\frac{1}{2}$  Hours]

[Marks:75]

Please check whether you have got the right question paper.

- N.B: 1. All questions are compulsory subject to internal choice.  
 2. Figures to right indicate full marks.

Q.1 Answer the following. (any two) 15

- Define Risk management. Explain the process of risk management.
- Explain the different tools used to measure quantitative risk
- Calculate expected rate of return & standard deviation of ABC Ltd. For the following information

Situation	Probability	Stock A (Return %)	Stock B (Return %)
Normal	0.3	25%	22%
Recession	0.2	40%	30%
Boom	0.5	-10%	15%

Q.2 Answer the following. (any two) 15

- Explain the various structural models of Swap.
- Explain the ERM matrix with Diagram.
- Define Arbitrage. Explain the types of arbitrage techniques.

Q.3 Answer the following. (any two) 15

- Define corporate governance. Explain the benefits of corporate governance.
- Define Risk assurance .Explain the challenges of risk assurance.
- Briefly discuss Risk & Stakeholders.

Q.4 Answer the following (any two) 15

- Discuss the powers, functions & duties of IRDA.
- What is Reinsurance? What are the different types of reinsurance?
- Expected losses are given in the table below.

Loss value (in Rs.)	Probability
2,00,000	0.02
10,000	0.08
0	0.9

Find the fair premium if :-

- Policy provide full coverage
- Under writing costs = 10% of pure Premium
- Claims are paid at the end of year
- Interest rate = 10%
- Expected claim processing costs = Rs 600
- Fair profit = 5% of pure premium

P.T.O

**Q.P. Code :02170**

**Q.5 Case study**

Evaluate the performance of funds M,N & market port folio from the following information available form the past 6 months

Month (return %)	April	May	June	July	Aug	Sept
Fund M	3.25	1.50	(1.00)	3.75	1.25	0
Fund N	2.50	(1.25)	0	2.75	2.25	1.25
Market portfolio	1.00	(0.75)	2.00	1.75	0.25	3.25

The 6 month Treasury Bills Carry an interest rate of 6% P.a.

[Time: 2 1/2 Hours]

[ Marks: 75]

Please check whether you have got the right question paper.

- N.B: 1. All questions are compulsory.  
2. Marks are indicated to the right.

All questions are compulsory subject to internal choice: (any 8)

- a) \_\_\_\_\_ skills are required by top management.  
a) Conceptual b) Human c) Technical
- b) The process of management is \_\_\_\_\_ in nature.  
a) Temporary b) Continuous c) One time
- c) \_\_\_\_\_ suggest that there should be a place for everything.  
a) Equity b) Order c) Discipline
- d) A professional normally charge \_\_\_\_\_ for the services rendered.  
a) Fees b) Fair c) Profit
- e) Scientific management is explained by \_\_\_\_\_  
a) Henry Fayol b) Henry Mintzberg c) F. W. Taylor
- f) Peter Drucker popularised the concept of \_\_\_\_\_  
a) Game theory b) MBO c) Queuing theory
- g) \_\_\_\_\_ are statements that guide decision making  
a) Mission b) Vision c) Policies
- h) \_\_\_\_\_ means to confer or to transfer or to assign  
a) Responsibility b) Authority c) Delegation
- i) A \_\_\_\_\_ leader runs the organization like a social club  
a) Neurocratic b) Sociocratic c) Participative
- j) \_\_\_\_\_ is an evaluation of management as a whole  
a) Management b) MBO c) MIS

State whether the following statements are True or False: (Any 7)

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- a) Management is not at all a science.
- b) Unity of direction states that there should be one and only one boss for every individual employee.
- c) Management is all pervasive.
- d) Authority should be usually more than the responsibility given.
- e) Planning is free from human errors.
- f) These are conflicts between line and staff.
- g) A bureaucratic leaders follows rules & regulations in totality.
- h) Span of control decides appropriate number of subordinates managers can manage.
- i) Solar cell is an example of green technology.
- j) Authority can never be delegated.

(P.T.O)

## Q.P. Code :06578

- Q.2 A Define management. Explain the characteristics of management.  
B Explain the concept of POSDCORB

OR

- C What according to you are the leadership qualities and styles that a manager should exhibit in an organization?  
D What is planning? What are its advantages

- Q.3 A Distinguish between formal and informal organization.  
B What is departmentation? Explain any three bases of departmentation.

OR

- C Explain the arguments of time executives against staff managers.  
D Distinguish between centralisation and decentralization.

- Q.4 A "Coordination is the essence of management". Explain.  
B Write a detailed note on delegation of authority.

OR

- C Briefly explain the 'Control Process'.  
D Discuss the need for CSR (Cooperative Social Responsibility)

- Q5 a) State the 'Managerial Grid' Model.  
b) Explain the importance of decision-making

OR

Write Short Notes on: (Any 3)

- a) MBO  
b) Green Management  
c) Graicunas theory  
d) Brainstorming  
e) Managerial Skills.

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## Business Envt.

Q.P. Code : 04544

[time:2 1/2 hours]

[ marks:75 ]

- N.B     1. All questions are compulsory  
       2. Figures to the right indicate full marks

Q.1     A Match the following (any 8)

1. Primary industry	a. One member one vote
2. Extractive industry	b. Philosophy of equality
3. Cooperative society	c. Participative management
4. Socialism	d. Export houses
5. Responsibility towards employees	e. Protection to investments
6. Indirect exporting	f. Agriculture
7. TRIPs	g. Age & Gender
8. TRIMs	h. Mining
9. Demographic environment	i. Niche market
10. Focus strategy	j. Protection to patents

B State whether the statements are true or false :- (any 7)

- Social cultural factors change gradually.
- Transport creates time utility.
- WTO is not concerned with trade liberalization.
- Public sectors are also called as cooperative sector.
- India has multiparty system.
- Export promotion is one of the objective of trade policy.
- SWOT minimizes the weakness in business.
- Internal factors are also known as exogenous factors.
- Terrorist attacks hampers global environment.
- Mc. Donald's is an example of franchising.

Q.2     A What is business? Explain its features.

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B State &amp; explain the internal factors constituting business environment.

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OR

C Explain the various types of political institutions in detail.

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D Distinguish between micro and macro business environment.

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Q.3     A What is joint sector? How does it impact Indian economy?

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B Write a brief note on economic environment.

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OR

C Discuss the impact of foreign culture on Indian business.

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D Explain the importance of social responsibility of business.

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Q.4     A Explain in detail Michael Porter's Five Force Analysis.

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**Q.P. Code : 04544**

B Discuss the features of globalization.

OR

C Explain the advantages of WTO.

D How can foreign firms enter global market?

Q.5

A Discuss various challenges faced by international business.

B Explain role and functions of FDI.

Write short notes on : (any 3)

1. Aids to Trade
2. Social Audit
3. MNCs
4. Corporate Governance
5. Joint Stock Company.

OR

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[Time:  $2\frac{1}{2}$  Hours]

[Marks: 75]

Please check whether you have got the right question paper.

- N.B: 1. All questions are compulsory.  
 2. In Q.1 attempt both the sub-parts A & B.  
 3. Figures to the right indicate marks.  
 4. Use of non-programmable calculator is allowed.

Q.1

Attempt both subparts A &amp; B:

A) Write the appropriate answer (Any Eight)

1. A fund formed by periodically setting aside money for the gradual repayment of a debt or replacement of a depreciating asset is known as:
  - a) Resource Fund
  - b) Emergency Fund
  - c) Contingency Fund
  - d) Sinking Fund
2. In EMI calculations, the rate of interest is compounded:
  - a) Quarterly
  - b) Yearly
  - c) Monthly
  - d) Six Monthly
3. A \_\_\_\_\_ is an arrangement of all or part of a set objects in a definite order.
  - a) Permutation
  - b) Function
  - c) Combination
  - d) Factorial
4. The point at which profit is zero is called the:
  - a) Zero point
  - b) Break Even Point
  - c) Odd Even Point
  - d) Nominal Point
5. If the order of matrix A is  $m \times p$  and the order of matrix B is  $p \times n$ , then the order of matrix AB is:
  - a)  $m \times n$
  - b)  $n \times m$
  - c)  $n \times p$
  - d)  $m \times p$
6. Inverse of a square matrix is possible only if its determinant is:
  - a) Zero
  - b) Non Zero
  - c) Sub Zero
  - d) Almost Zero
7. Derivative of 'y' with respect of 'x' represents:
  - a) Rate of change of y with respect to x
  - b) Historical value of y with respect to x
  - c) Distance of y with respect to x
  - d) None of the above
8. The derivative of a derivative is called \_\_\_\_\_.
  - a) Anti-derivative
  - b) Second order derivative
  - c) Secondary derivative
  - d) Super derivative

9. In Newton's Forward difference formula, what is u \_\_\_\_\_
- $u = (x - x_0)/h$
  - $u = (x - x_n)/h$
  - $u = (x - x^2)/h$
  - $u = (x - h)/h$
10. Interpolation is the process of:
- obtaining value of  $f(x)$  at points between the tabular values
  - obtaining value of  $f(x)$  at points beyond, either end of the tabular values
  - both of the above
  - none of the above
- B) State whether the statements are True or False. (answer Any Seven)
- Given  $P = \text{Rs. } 1500$ ,  $N = 3$  years,  $I = \text{Rs. } 195$ , then simple interest rate will be 4.33% p. a.
  - The point where market demand equals market supply at the same price is called Balancing point.
  - An annuity in which the number of payments is fixed is called fixed Annuity.
  - When a matrix is its own transpose, such a matrix is called a skew symmetric matrix.
  - The value of a determinant is unchanged if its rows and columns are interchanged.
  - In input-output analysis,  $(I - A)$  is called the technology matrix.
  - If total cost is known, then the cost of producing one additional unit is called average cost.
  - $n! = n(n-1)!$
  - At a stationary point,  $\frac{dy}{dx} \neq 0$
  - Newton's interpolation Methods are applicable only when the differences between the independent variables are varying.

Q.2 A) Find the equilibrium quantity and equilibrium price in the following cases:

- Given supply and demand equations,  $p = \frac{2x}{100} + 2$  and  $p = \frac{-8x}{100} + 12$  respectively.
  - Given supply and demand equation of a product are  $x_s = 4p + 4$  and  $x_d = 100 - 8p$  respectively.
- B) Vista industries create a fund to replace its present machinery with a new one in 8 years. The estimated cost of the new machinery at that time would be Rs. 21 lakh. The estimated scrap value of the present machinery after 8 years would be Rs. 1 lakh. Determine the amount to be deposited in the fund every quarter at 9% p. a. compounded quarterly. (Given  $1.0225^{32} = 2.038$ )

**OR**

Q.2 P) The difference between the compound interest and simple interest on a certain principal amount for 2 years is Rs. 76.8. The simple interest on the same principal for 4 years is Rs. 3,840. Find the principal amount and the rate of interest.

Q) There are 7 men and 3 ladies. Find the number of ways in which a committee of 6 can be formed from these, if the committee is to include at least 2 ladies.

Q.3 A) The input-output table for a two sector economy is given below:

Producing sector	Consuming Sector		Final Demand
	$S_1$	$S_2$	
$S_1$	20	15	65
$S_2$	25	20	75

Find:

i. Leontief Matrix

ii. The total output from each of the sectors to meet a final demand for 80 units of  $S_1$  and 100 units of  $S_2$ .

**Q.P. Code: 03485****[Time: 2  $\frac{1}{2}$  Hours]****[Marks: 75]****Please check whether you have got the right question paper.**

- N.B: 1. Figures to the right indicates the marks assigned  
 2. All questions are compulsory. Only internal choice per questions are given.

**Q.1 (a) Fill in the blanks: (ANY 8)**

1. A person shall not be qualified for appointment as the presiding officer of the national tribunal unless he is or has been a judge of \_\_\_\_\_.
2. The decision of an authority in an industrial dispute is known as \_\_\_\_\_.
3. Any person who has attained an age of \_\_\_\_\_ years may be a member of a registered trade union.
4. Statutory canteen facilities are to be provided if there are more than \_\_\_\_\_ workers in a factory.
5. \_\_\_\_\_ means cessation of work by a body of persons in any industry.
6. Crèches should be provided in a factory where more than \_\_\_\_\_ women workers are employed.
7. When an employee is incapacitated of doing any work which he was performing at the time of accident, it is known as \_\_\_\_\_ disablement.
8. The employee's state insurance act is applicable to employees drawing wages not exceeding \_\_\_\_\_.
9. Minimum \_\_\_\_\_ years of contributory services is required for entitlement to employee's pension scheme.
10. The amount of gratuity payable to an employee shall not exceed rupees \_\_\_\_\_.

**Q.1 (b) State whether true or false (Any 7)**

1. University is an industry and carpenter employed in such university is a workman.
2. The expression trade union under the trade union act includes both employers and workers organization.
3. Providing sitting facilities for workers for workers is a safety provision.
4. In case of temporary disablement, a half monthly payment of the sum equivalent to 25% of monthly wages of the workman has to be paid.
5. The employee's compensation act 1923 does not apply to persons employed in plantations.
6. Dependent benefits is payment to the dependent of an insured person who dies as a result of employment injury.
7. The legal representative of a deceased owner is an employer under employees provident fund act.
8. No fine can be imposed on any employed person who is under the age of 15 years.
9. The bonus is to be paid out of the available surplus.
10. Gratuity is not required to be paid to employees working in seasonal establishment.

**Q.2 Answer the following:**

- a. What are the various methods for the settlement of industrial disputes under the industrial disputes act?
- b. What are the rules of a trade union under the Trade Union act?

**OR**

- a. What is the difference between strike and lockout? Explain the various provisions regarding strike and lockout under the Industrial Disputes Act?
- b. What are the objects on which general funds of a trade union may be spent?

**Q.P. Code :03485**

**Q.3** Answer the following:

- State the provision of the factories act, 1948 with regard to health provisions.
- Explain the rules regarding amount of compensation under the Workmen's Compensation act?

**OR**

**Q.3** a. Define Factory. What are the general duties of occupier?

- Explain the rules regarding employer's liability for compensation under Workmen's Compensation Act.

**Q.4** Answer the following:

- What is the different benefits payable under the employee's state insurance act?
- Discuss provision for non refundable withdrawals from PF account as per PF Act.

**OR**

**Q.4** a. What is contribution? Explain different provisions for dependent as per ESI Act?

- Explain Employee Deposit Linked Insurance Schemes.

**Q.5** Answer the following:

- Discuss the provision of the payment of wages act, 1936 with regards to deductions which are permissible under payment of Wages Act?
- Explain rules for the computation of available surplus and what is the minimum and maximum bonus allowed under the act.

**OR**

Write Short Notes on (Any 3)

- Forfeiture of Gratuity
- Retrenchment
- Manufacturing process
- Employees State Insurance corporation
- Employee's Pension Scheme

[Time: 2 1/2 Hours]

[ Marks:75]

Please check whether you have got the right question paper.

- N.B: 1. All questions are compulsory  
2. Figures to the right indicate full marks.

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1. A. Fill in the blanks by choosing the correct option (any 08)

- In the state of \_\_\_\_\_, the number of farmers suicide is the highest (Bihar, Orissa, Maharashtra)
- As per the new industrial policy, 1991, licensing is required only in \_\_\_\_\_ industries. (five, six, seven)
- \_\_\_\_\_ rights aim at personal good of an individual as well as that of the community (Fundamental, Natural, Religious)
- Human rights have \_\_\_\_\_ application. (Limited, Universal, Maximum)
- The \_\_\_\_\_ is a layer of gases surrounding our planet. (Hydrosphere, Biosphere, Atmosphere)
- Acid rain is one of the harmful effects of \_\_\_\_\_ pollution. (Air, Land, Water)
- \_\_\_\_\_ means pre-judgement. (Violence, Stereotypes, Prejudice)
- \_\_\_\_ arises when goal directed behavior is blocked (Anger, stress, frustration)
- \_\_\_\_ helps to develop the power of concentration. (Meditation, social support, physical exercise)
- The \_\_\_\_\_ needs lie at the highest level of the hierarchy of Maslow's Need Hierarchy Theory. (Esteem, Social, self-actualization)

07

- 1) State whether the following statements are True or False (any 07)

- Forced migration may also be called as forced displacement
- IT has made communication expensive and complex
- Freedom of speech and expression may also include defamation
- The fundamental rights are absolute
- Natural environment provides renewable sources of energy
- The composition of environment is the same everywhere
- Regionalism is the only cause of aggression and violence
- Type B personality generally engages in instrumental aggression
- Smoothing refers to accommodating other party's interest
- Win-win strategy is to solve a problem and not to shift the blame an other

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2. Explain the concept of migration & its causes and effects.

OR

Briefly describe the role of corporate farming in India.

3. Define Human rights? Describe the significance and characteristics of human rights.

OR

"Environment is a natural capital, connected to the quality of human life". Comment.

(P.T.O)

4. What are the agents of socialization?

Discuss the cause of individual's stress.

OR

5. Enumerate on strategies for coping with conflicts.

OR

Write short notes on (any 03)

- i. Liberalization
- ii. Right to freedom of religion
- iii. Types of Ecosystem
- iv. Significance of values
- v. Coping with stress