

**UNIVERSITY INSTITUTE OF APPLIED MANAGEMENT SCIENCES PANJAB
UNIVERSITY, CHANDIGARH**

**MID SEMESTER EXAMINATIONS- MBA (SECTORAL MANAGEMENT) –
4 SEM-MAY, 2021**

IMPORTANT INSTRUCTIONS:

- 1) Please download the Question Paper immediately on receipt of the same.
- 2) Mark your attendance online After Receiving the Question Paper
- 3) **Select the Relevant Question Paper as per your Sectoral Area of Study/Functional Area**
- 4) Please put Roll No, Subject Code, Page No. and Signatures on all pages of the answer sheet
- 5) Maximum Number of pages in Answer Sheet are 16.
- 6) Timing of Examinations are 10.00 a.m. to 12.00 p.m.
- 7) Attempt Questions as per instruction in the question paper. ALL Questions carry Equal Marks
- 8) **YOU ARE REQUIRED TO ATTEMPT THE ANSWERS IN YOUR OWN HANDWRITING IN BLUE/BLUE BLACK PEN.**
- 9) Preserve the original Answer Sheet. It may be required to be submitted at a later date.
- 10) The candidate will be required to **submit a single PDF file of his/her answer sheet** from their registered email address to the **NEW GOOGLE FORM** link <https://forms.gle/KJvNsGUeeq3xaP3Q8> within 90 minutes from completion of examination till 1.30 p.m. (for Morning Session exam.) on the day of examination.
- 11) The candidate will be required to **submit his/her attendance** on the Google Form link <https://forms.gle/fTw3REwUfNSPsy059> upto 10.30 a.m. (Morning session exam.) on the day of examination.

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MID TERM EXAMINATION OF MBA 4st SEMESTER, MAY 2021

SECTORAL: MBA(Retail Management)

PAPER TITLE: ADVANCED SUPPLY CHAIN MANAGEMENT

PAPER CODE: MBARM-4007

MAX. MARKS: 15

TIME: 2 HOURS

Note: Attempt any 3 questions out of 5. All questions carry equal marks.

Q1. Discuss the significance of supply chain in the present scenario with the help of a suitable example.

Q2. Comment on the five major supply chain drivers with the help of examples.

Q3. “Meeting the needs and demands of the customers is the biggest challenge and this has led to the complexity of the supply chain management”. Comment on the statement.

Q4. “A supply chain must be as responsive as required and as efficient as possible”. Justify the statement with examples.

Q5. Write short notes on

- a) Vendor Managed Inventories
- b) Just in Time

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**MID TERM EXAMINATION OF MBA 4th SEMESTER, MAY 2021
SECTORAL: MBA (BANKING AND INSURANCE)**

**PAPER TITLE: REGULATORY FRAMEWORK OF BANKING AND
INSURANCE**

PAPER CODE: MBA-BI-4007

MAX. MARKS: 15

TIME: 2 HOURS

Note: Attempt any 3 questions out of 5. All questions carry equal marks.

Q1.) Write short notes on any two:

- a.) Functions of IRDA
- b.) Marketing techniques of Insurance Products
- c.) Licensing of Insurance Agent

Q2.) What is 'bottom of pyramid' market and why is it important for growth of micro-insurance. Elaborate the challenges faced by intermediaries.

Q3.) In absence of 'Uberrima Fides' and 'Consensus ad idem', what are the platforms available to safeguard the interests of policy holders. Support with example.

Q4.) Under which circumstances can the Insurance contracts be declared as null and void. Can this situation arise at the claim settlement stage?

Q5.) Is principle of contribution right of insurer or insured? Under which conditions is this principle enforceable?

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MID TERM EXAMINATION OF MBA 4th SEMESTER, MAY 2021

SECTORAL: MBA (Information Technology and Telecommunication)

PAPER TITLE: PROGRAMMING FOR DATA ANALYTICS

PAPER CODE: MBA-IT-4007

MAX. MARKS: 15

TIME: 2 HOURS

Note: Attempt any 3 questions out of 5. All questions carry equal marks.

Q1a.	What are the key features of Python?	2
b.	Discuss the various data structures in Python. Explain each with syntax and example.	3
Q2.	Explain the following with syntax and examples	
a.	Logical operators in Python	1
b.	Relational operators in Python	1
c.	Arithmetic operators in Python	1
d.	Loops available in Python	1
e.	Control statements available in Python	1
Q3.	Write short notes on the following in reference to Python	
a.	Pivot tables	2
b.	Cross tabulation	1.5
c.	Group operations	1.5
Q4	Write a Python program for the following (with documentation and dry run)	
a.	Write a program to count the number of rows and columns of a DataFrame. Sample Python dictionary data and list labels: exam_data = {'name': ['Amit', 'Rita', 'John', 'Komal', 'Suresh', 'Neha', 'Priya', 'Aditya', 'Sunita', 'piyush'], 'score': [35, 40, nan, 24, nan, 43, 12, nan, 5, 46], 'attempts': [3, 3, 2, 3, 2, 3, 2, 1, 1, 1], 'qualify': ['yes', 'no', 'yes', 'no', 'no', 'yes', 'yes', 'no', 'no', 'yes']} labels = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i', 'j']	1
b.	Write a program to calculate the percentage of the students in the class and categorizing them into various divisions (Ist, Second, Third)	1
c.	Write a Program to find all even numbers from the list. list=[1,4,5,6,7,88,90,45,34,23,66,32,31,56,77,78]	1

d.	Write a program to find all prime numbers between 1 to 100.	1
e.	Write a program to change the order of a DataFrame columns(C3,C2,C1). Sample data: Original DataFrame C1 C2 C3 0 1 4 7 1 4 5 8 2 3 6 9 3 4 7 0 4 5 8 1	1
Q5.a.	What are functions? How are they defined in python.	2
b.	Rewrite the following programs using lambda function	
i.	def func(): a=[] for i in range(5): # making an empty list and appending 5 elements to it a.append(i) return a func()	1
ii.	#Python function to sum all the numbers in a list def sum(numbers): # numbers is a sequence total = 0 for x in numbers: total = total+x return total sum((1,2,3,4,5,6))	1
iii.	#Python function to multiply all the numbers in a list. def multiply(numbers): total = 1 for x in numbers: total = total*x return total print(multiply((8, 2, 3, -1, 7)))	1

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MID TERM EXAMINATION OF MBA 4th SEMESTER, MAY 2021

SECTORAL: MBA(Infrastructural Management)

**PAPER TITLE: ENVIRONMENTAL IMPACT ASSESSMENT AND
SUSTAINABLE DEVELOPMENT**

PAPER CODE: MBAIM-4007

MAX. MARKS:15

TIME: 2 HOURS

Note: Attempt any 3 questions out of 5. All questions carry equal marks.

1. Explain the concept of Alternative Dispute Resolution (ADR) in environmental laws.
2. Discuss the concept of Sustainable Infrastructure Development in the context of climate change.
3. Explain the process of Environment Impact Assessment (EIA) with an example of any project.
4. Write a brief note on Strategic Environmental Assessment (SEA).
5. Discuss the legislative framework for Environment impact assessment.

**MID TERM EXAMINATION OF MBA 4th SEMESTER, MAY 2021
SECTORAL OF MBA (Hospital Management)**

**PAPER TITLE: HEALTH AND HOSPITAL INFORMATION
MANAGEMENT**

PAPER CODE: MBA-HM-4007

MAX. MARKS: 15

TIME: 2 HOURS

Note: Attempt any 3 questions out of 5. All questions carry equal marks.

Q.1 What are the various sources of health information? What impact does health information have on the health care delivery system of a nation?

Q.2 Write short notes on:

1. Role of networking and topology configuration in health information system
2. Structure of medical record

Q.3 Write a detailed note on the information system of any one of the departments, with the help of data flow diagrams and data dictionary:

1. Pharmacy department
2. Laboratory department
3. Radiology department

Q.4 The National Digital Health Mission (NDHM) aims to develop the backbone necessary to support the integrated digital health infrastructure of the country. What is the role of electronic health record in NDHM?

Q.5 What are the advantages of electronic medical records (EMR) over paper based records? Discuss the barriers to implementation of EMR system in Indian public health system.

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MID TERM EXAMINATION OF MBA 4th SEMESTER, MAY 2021

SECTORAL: MBA(Pharmaceutical management)

**PAPER TITLE: CONTEMPRARY ISSUES IN PHARMACEUTICAL
MANAGEMENT**

PAPER CODE: MBAPM 4007

MAX. MARKS:15

TIME: 2 HOURS

Note: Attempt any 3 questions out of 5.All questions carry equal marks.

1. Write a detailed note on contract manufacturing and research industry in global pharmaceutical industry.
2. What are benefits of outsourcing? What are the advantages and trends in outsourcing to India?
3. Make a comparison between the outsourcing industry in India and China.
4. Write short notes on:
 - a. Clinical trials in India
 - b. CRAMS industry in US
5. Which are the major players for CRAMS in India. Write in brief about any four.