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Reg. No. :

Name :

**Fifth Semester Five year M.B.A. (Integrated) Degree Examination,
August 2025**

IMGT 501 : FOREIGN LANGUAGE – FRENCH – 1

(2022 Admission)

Time : 3 Hours

Max. Marks : 60

SECTION – A

Répondez aux ten questions.

1. Qui est le président de France?
2. Nommez un monument français?
3. Nommez un pays francophone?
4. Nommez la capitale de la France?
5. Quelle est votre nationalité?
6. Quelles langues parlez-vous?
7. Nommez le chant national français?
8. Qui est Victor Hugo?
9. Nommez un journal français?
10. Quel pays aimez - vous visiter?
11. Vous habitez où?
12. Nommez un chanteur français?

(10 × 1 = 10 Marks)

SECTION – B

Répondez aux seven questions.

13. Mettez au féminin :

Français

✓ Turc

14. Complétez avec à/au/en :

Où habite Adriane?... Bresil?... Argentine?

P.T.O.



15. Complétez avec un/une/des :

..... Rue

..... Avenues

16. Conjuguer les verbes :

Vous (etre) français ? Non, mais nous (comprendre) le français

17. Mettez aux pluriels :

Un homme célèbre

Un artiste international

18. Posez des questions :

J'habite a Kottayam

Oui, je parle français.

19. Donnez deux petits mots de politesse.

20. Répondez :

Vous comprenez le mot Bonjour?

Vous êtes français?

21. Traduisez en anglais :

C'est une touriste anglaise.

Regardez la statue.

22. Ecrivez en lettres :

20

0

23. Presentez Celion Dion

24. Nommez les mois de l'année.

SECTION – C

(7 × 2 = 14 Marks)

Répondez aux five questions :

25. Traduisez en anglais :

Bonjour! Je suis Sarah, la prof de chant.

Tout va bien? le cafe est bon?

Tres bon.

Et les croissants?

Excellents!

Alors, a bientôt. Au revoir.

26. Faites une fiche de renseignement
27. Posez 4 questions à votre voisin/votre voisine.
28. Complétez avec de/de la/de l'/des :
 Le cinéma Rue Champion.
 Un prof université de Nantes.
 Le nom étudiant.
 Un tableau Monet.
29. Complétez avec un/une/des/de la/de l'/des :
 Aix en Provence est . . . belle ville avec . . . beau musée . . . grande université.
 C'est . . . ville de Paul Cézanne Celebre peintre.
30. Accordez le groupe des noms :
 Il aime les (bon) (restaurant)
 Il aime les (grand) voitures.
31. Associez :
 Barack Obama Musicien
 Albert Einstein Homme Politique
 Beethoven Artiste
 Pablo Picasso Scientifique
32. Conjuguez "Lire" au present.
33. Complétez avec le/la/l'/les :
 Parlement européen de Strasbourg.
 hotel Danieli à Venise.
 rues du quartier Montmartre
 musée du Louvre à Paris.

(5 × 4 = 20 Marks)

SECTION – D

Rédigez un texte à propos de deux sujets :

34. Presentez-vous.
35. Vous écrivez une carte postale de Tahiti à votre ami.
36. Parlez de vos goûts.
37. Présentez votre pays.

(2 × 8 = 16 Marks)



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Reg. No. :

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**Fifth Semester Five Year M.B.A. (Integrated) Degree Examination,
August 2025**

IMGT – 502 — OPERATIONS RESEARCH

(2022 Admission)

Time : 3 Hours

Max. Marks : 60

SECTION – A

Answer **all** the questions. Each question carries **3** marks.

1. Explain the concept of Duality in LPP.
2. Explain how you use Hungarian method for maximisation?
3. Differentiate between PERT and CPM.
4. Explain the relevance of Poisson Distribution in Waiting Line Model.
5. What is meant by EVPI? Explain the relevance in decision making.

(5 × 3 = 15 Marks)

SECTION – B

Answer any **five** questions. Each question carries **5** marks.

6. An animal feed company must produce at least 200 kg of mixture consisting of the ingredients X_1 and X_2 daily. X_1 has a cost of Rs. 3/- per kg and X_2 has Rs. 8/- per kg. Atleast 60 kg of X_1 is to be used and not more than 80 kg of X_2 must be used. Formulate a mathematical model of the problem.
7. Write the dual for, minimise, $Z = 4x_1 + 2x_2 + x_3$

Subject to

$$x_1 + x_2 \leq 10$$

$$3x_1 + x_2 + x_3 \geq 23$$

$$7x_1 - x_3 = 6$$

$$x_1, x_2, x_3 \geq 0$$

P.T.O.



8. Solve the following transportation problem using VAM

Plant	W_1	W_2	W_3	W_4	Availability
P_1	11	20	7	8	50
P_2	21	16	10	12	40
P_3	8	12	18	9	70
Demand	30	25	35	40	

9. A project schedule is given below. The relationships are given as $A < D, E; B, D < F; C < G; B, D, G < H; F, G < I$. Find the critical path and project duration.
(Time in days) (Duration in days)

Activity	A	B	C	D	E	F	G	H	I
Duration	23	8	20	16	24	18	19	9	10

10. Arrival at a telephone booth is considered to be Poisson at an average time of 10 minutes between intervals. The length of a call is assumed to be distributed exponentially with mean 3 minutes (a) what is the probability that a person arriving at the booth will have to wait? (b) if the waiting time for customers in the queue is 3 minutes or more, the company will install another booth. What should be the arrival rate for that?

11. Solve the game though Graphical method

	Y_1	Y_2	Y_3	Y_4	Y_5
X_1	6	3	-1	0	-3
X_2	3	2	-4	2	-1

12. Solve the following problem using Hungarian method

Person/Job	1	2	3	4	
I		2	3	4	5
II		4	5	6	7
III		7	8	9	8
IV		3	5	8	4

(5 × 5 = 25 Marks)

SECTION – C

Answer any **two** questions. Each question carries **10** marks.

13. Apply PERT on the following data and find:

- Critical path and expected project completion time
- Find prob. for durations (i) 25 and (ii) 15 weeks
- Duration with probabilities (i) 0.84, (ii) 0.48





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Plant	W_1	W_2	W_3	W_4	Availability
P_1	11	20	7	8	50
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Activity	A	B	C	D	E	F	G	H	I
Duration	23	8	20	16	24	18	19	9	10

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- (a) Critical path and expected project completion time
 - (b) Find prob. for durations (i) 25 and (ii) 15 weeks
 - (c) Duration with probabilities (i) 0.84, (ii) 0.48



Activity	Predecessor	t_0 (weeks)	t_m (weeks)	t_p (weeks)
A	—	6	7	8
B	—	1	2	9
C	—	1	4	7
D	A	1	2	3
E	A, B	1	2	9
F	C	1	5	9
G	C	2	2	8
H	E, F	4	4	4
I	E, F	4	4	10
J	D, H	5	5	14
K	I, G	2	2	8

14. Solve using Simplex method.

Maximise $z = 6x_1 + 4x_2$

Subject to

$$-2x_1 + x_2 \leq 2$$

$$x_1 - x_2 \leq 2$$

$$3x_1 + 2x_2 \leq 9$$

$$x_1 \geq 0, x_2 \geq 0$$

15. A small ink manufacturer produces a certain type of ink at a total average cost of Rs. 3/- per bottle and sells at a price of Rs. 5/- per bottle. The ink is produced over the weekend and is sold during the following week. According to the past experience, the weekly demand has never been less than 78 or greater than 80 bottles in his place.

- (a) Formulate the payoff matrix.
 (b) Choose the best quantity of production by EMV (The probabilities are 0.2, 0.5 and 0.3 respectively for the demands of 78, 79 & 80).

(2 × 10 = 20 Marks)



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Reg. No. :

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**Fifth Semester Five Year M.B.A (Integrated)
Degree Examination, August 2025**

IMGT – 503 : MACRO ECONOMICS

(2022 Admission)

Time : 3 Hours

Max. Marks : 60

SECTION – A

Answer **five** questions. Each question carries **3** marks.

1. Explain the implications of Keynes' psychological law of consumption.
2. List out any five determinants of total factor productivity.
3. Define Managerial efficiency of capital.
4. What is meant by the Great Depression?
5. Explain the meaning of Parallel Economy.

(5 × 3 = 15 Marks)

SECTION – B

Write in detail on any **five** questions. Each question carries **5** marks.

6. Make a brief description on major economic decision makers.
7. Explain the important determinants of investment.
8. Elucidate the short run and long run Philips curve
9. Write short note on Euro zone crisis.
10. Explain in detail about SEBI.
11. Discuss the indicators of deficit in the budget.
12. Write a note on Accelerator Theory of Investment.

(5 × 5 = 25 Marks)

P.T.O.



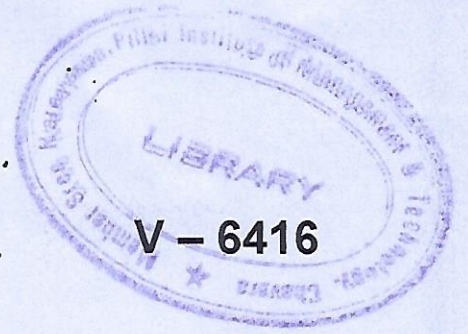
SECTION – C

Write in detail on any **two** questions. Each question carries **10** marks.

13. Explain the circular flow of income and expenditure in three sector economy.
14. Write a detailed note on the impact of new economic policy of India on the retail sector.
15. Describe in detail the absolute income hypothesis.

(2 × 10 = 20 Marks)





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Reg. No. :

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**Fifth Semester Five Year M.B.A. (Integrated) Degree Examination,
August 2025**

**IMGT 504 : INCOME TAX LAW AND PRACTICE
(2022 Admission)**

Time : 3 Hours

Max. Marks : 60

SECTION – A

Answer **all** questions. Each question carries **3** marks.

1. Distinguish between Previous year and Assessment year.
2. What is meant by Perquisites?
3. Define Annual Value.
4. What is meant by Short term and Long term Capital Gains?
5. Write Short notes on Tax Management.

(5 × 3 = 15 Marks)

SECTION – B

Answer any **five** questions. Each question carries **5** marks.

6. Explain the incidence of residence on tax liability.
7. What are tax free perquisites? Explain.
8. Explain briefly the provisions of TDS under income tax Act.
9. Write a note on Bond Washing Transactions.
10. Explain the Best Judgement Assessment.
11. Explain the deductions that are expressly allowed in computing income from business under the IT Act, 1961.
12. Mr. X, a German National, is appointed in India as a Senior Scientific Officer on 1.4.2021. On January 31, 2022 he goes to Iran on deputation for a period of three years but leaves his wife and children in India. On May 1, 2023 he comes to India and takes with his family on June 30, 2023. He returns to India and joins his original job on February 2, 2024. Determine his residential status for the Assessment Year 2024-25.

(5 × 5 = 25 Marks)

P.T.O.



SECTION - C

Answer any **two** questions. Each question carries **10** marks.

13. Mr. Abhishek owns a house at Kanpur, municipal valuation of which is Rs. 30,000 and fair rent Rs. 35,000 per annum. During the previous year, the house is used by him for his own residence from 1 April 2023 to 30 June 2023 and is let out Rs. 3,000 p.m. from 1 July 2023 for residential purpose. The house owner incurred the following expenses during the previous year.

Municipal taxes Rs. 4,500; Repairs Rs. 6,000; Fire insurance Premium Rs. 4,000; Land Revenue Rs. 4,500 and Ground Rent Rs. 3,000.

He took a loan of Rs. 40,000 @18% interest per annum for the construction of the house as on 1 April 2019. The construction was completed on 31 March 2021. No amount has been paid so far.

Compute Taxable income from House Property for the Assessment Year 2024-25

14. The following are the particulars of income of a Lecturer of a College.
- (a) Salary Rs. 40,000 per month from which 15% is deducted for Provident Fund to which the College contributes 12%.
 - (b) Wardenship allowance Rs. 1,00,000.
 - (c) Rent free Bangalow. Rent paid by the employer is Rs. 60,000.
 - (d) Dividend received from a domestic company Rs. 800.
 - (e) 8% interest on Government loan of Rs. 5,000.
 - (f) Rent from house property Rs. 12,000.
 - (g) Interest on Postal Saving Bank Deposit Rs. 500.
 - (h) Long Term Capital Gain on sale of old car Rs. 2,500 and Jewellery Rs. 8,000.
 - (i) Short Term Capital Gain Rs. 9,000.
 - (j) Examinership remuneration Rs. 4,500.
 - (k) During the year he deposited Rs. 6,000 in Public Provident Fund. He also purchased books worth Rs. 650 during the same year.

Compute his total income for the Previous Year 2023-24.

15. Explain in detail the powers of Income Tax authorities under Income Tax Act 1961.

(2 × 10 = 20 Marks)



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**Fifth Semester Five Year M.B.A. (INTEGRATED) Degree Examination,
August 2025**

IMGT-505 RESEARCH METHODS FOR MANAGERS

(2022 Admission)

Time : 3 Hours

Max. Marks : 60

SECTION – A

Answer all questions. Each question carries 3 marks.

1. Define Business Research. State the nature of Business Research.
2. How do you define the research problem?
3. Distinguish between Experimental and Exploratory research.
4. What is meant by Validity and Reliability tests?
5. Write short notes on (a) Bibliography and (b) References.

(5 × 3 = 15 Marks)

SECTION – B

Answer any five questions. Each question carries 5 marks.

6. State the importance of research in managerial decision making.
7. Explain the Probability Sampling methods.
8. Explain briefly the methods used for collection of primary data.
9. Examine the steps involved in testing of Hypothesis.
10. Explain briefly the key elements of a good research report.

P.T.O.

11. Explain the differences between Correlation and Regression Analysis.
12. Write an explanatory note on
 - (a) Data Processing
 - (b) Classification and Tabulation.

(5 × 5 = 25 Marks)

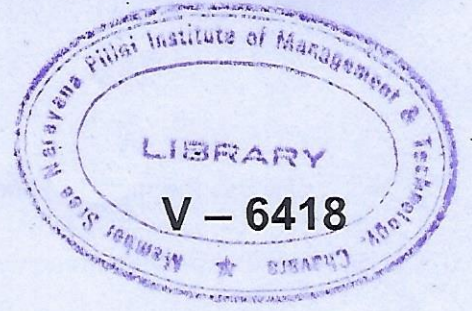
SECTION – C

Answer any **two** questions. Each question carries **10** marks.

13. Examine in detail the steps involved in Research Process.
14. Discuss the application of Non Parametrical tests in Data analysis for research.
15. Explain how do you prepare the format of a good research Report in Social Science.

(2 × 10 = 20 Marks)





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**Fifth Semester Five Year M.B.A. (Integrated) Degree Examination,
August 2025**

IMGT-506 MICRO FINANCE : PERSPECTIVES AND OPERATIONS

(2022 Admission)

Time : 3 Hours

Max. Marks : 60

PART – A

Answer **all** questions. Each question carries **3** marks.

Write short notes on the following:

1. MFIs
2. NABARD
3. SHGs
4. Minimalist Vs Integrated Approach
5. Sustainable Interest Rate

(5 × 3 = 15 Marks)

PART – B

Answer any **five** questions. Each question carries **5** marks.

6. Discuss the merits and challenges of *Micro-Finance Services in India*.
7. Explain the major *Bank linkage programs* in Microfinance.
8. Write short notes on any two *Innovative Microfinance model* in India.

P.T.O.



9. Discuss the merits of *Microfinance over Informal Sources of lending*.
10. Which are the commonly associated *delivery methodologies* with microfinance in India? Explain.
11. Explain the regulatory framework of microfinance in India.
12. Outline about the *Components of Financial Statements*.

PART – C

(5 × 5 = 25 Marks)

Answer any **two** questions. Each question carries **10** marks.

13. "Microfinance is about providing financial services to the poor who are not served by the conventional formal financial institutions". Critically comment on this.
14. Discuss the *major Credit Delivery Methodologies*.
15. Explain the format of a *Financial Report*, with an example.

(2 × 10 = 20 Marks)

