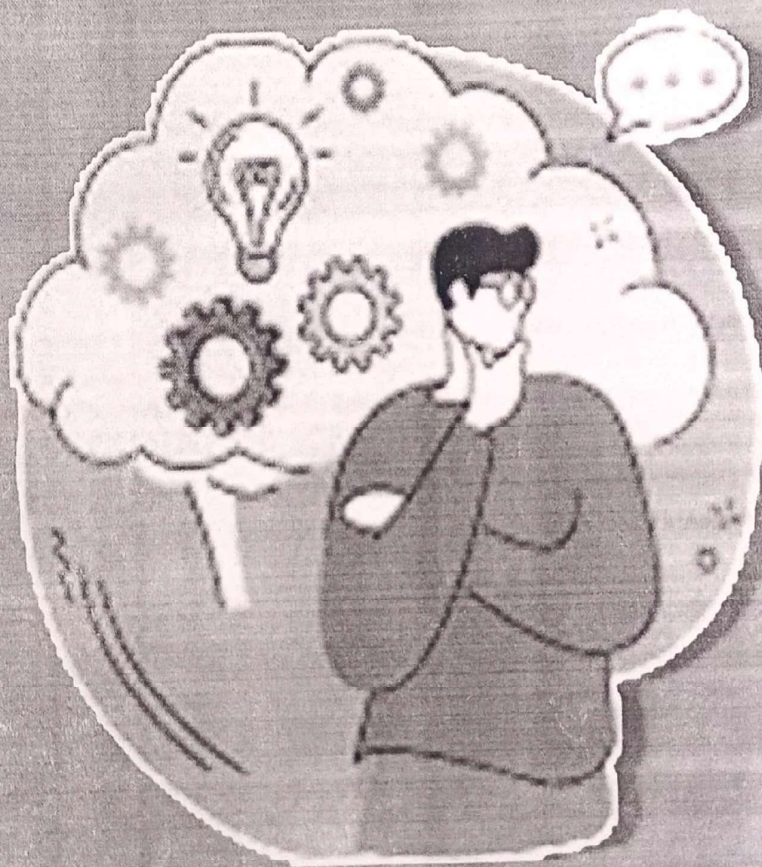


HINDU COLLEGE AMRITSAR

DEPARTMENT OF COMMERCE

LOGICAL THINKING & ANALYSIS



ADD ON COURSE

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PG Department of Commerce & Business Management

Academic Year 2022-23

NOTICE

This is for the information of the students that the PG Department of Commerce & Business Management is going to start the value added course on 22nd August, 2023 as per the following schedule :-

COURSE NAME	TIMINGS
1. Financial Markets & Portfolio Management	2:20 P.M. to 3:00 P.M.
2. Logical Thinking & Analysis	8:20 A.M. to 9:00 A.M.

Moulika 18/8/2023
Incharge

PG Department of Commerce and Business Management

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PG Department of Commerce and Business Management

Syllabus of Logical Thinking & Analysis

(Add on Course)

Sr. No.	TOPIC NAME	DAYS
1.	Number Series	3
2.	Alphanumeric Series	3
3.	Coding- Decoding	4-5
4.	Blood Relations	4
5.	Input-Output	3
6.	Inequality	2-3
7.	Word Formation	2
8.	Logical Order of Words	2
9.	Order & Ranking	3
10.	Mathematical Operations	2
11.	Data Sufficiency	3
12.	Clock and Calendar	2
13.	Puzzles	5
14.	Sitting Arrangement	5
15.	Matrix Coding	2
16.	Direction Sense Test	5
17.	Mathematical Reasoning	1

Vision of The Course: This course aims to enhance critical thinking skills & problem solving abilities. It will help to think rationally in different scenarios.

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Outcome of the Course:-

- After completing this course students will develop more structured approach for better decision making in various aspects of life.
- It will improve the ability to articulate logical thoughts.
- Boost cognitive abilities related to pattern recognition, deduction and Induction.
- Strengthen the capacity to break down complex problems into manageable components for better understanding.

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**List of Students for
Add on Course on
Logical Thinking & Analysis**

The following students have been enrolled in Add on course in Logical Thinking & Analysis:

Roll No	Name of Student
6416	Shruti
6417	Balraj
6423	Varun
6425	Shubham Sharma
6431	Gurpeet Singh
6432	Hemant Srivastav
6433	Krish
6434	Neha Pashan
6436	Sukhdeep Kaur
6440	Khushi Kapoor
6442	Aniket Sharma
6446	Palak Sharma
6448	Anjali
6456	Antarpreet Kaur
6459	Palak
6482	Karan
6485	Nancy
6486	Chanda Devi
6801	Madhu
6806	Amritpal Singh
6810	Abhay
6812	Renu
6813	Manav
6818	Rishika Talwar
6422	Priya Devi
6629	Khushi Patel
6553	Mehak
6555	Deepak Arora
7104	Chetan Sharma
7209	Aniketkumar

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Aug

Logical Thinking

Analyses

September

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R.No. Name

22 23 24 25 26 27 28 29 30 31

2 3 4 5 6 7 8 9 10 11 12 13 14 15

Date Page

6416 Shrutika

P P P P P P P P P P

P P P P P P P P P P

Shrutika

6417 Balraj

P P P P P P P P P P

P P P P P P P P P P

Balraj

6423 Yash

P P P P P P P P P P

P P P P P P P P P P

Yash

6425 Saksham Sharma

P P P P P P P P P P

P P P P P P P P P P

Saksham Sharma

6431 Gaurav Singh

P P P P P P P P P P

P P P P P P P P P P

Gaurav Singh

6432 Hemant Swastha

P P P P P P P P P P

P P P P P P P P P P

Hemant Swastha

6433 Kulkarni

P P P P P P P P P P

P P P P P P P P P P

Kulkarni

6434 Neha Ravshan

P P P P P P P P P P

P P P P P P P P P P

Neha Ravshan

6436 Subhdeep Kaur

P P P P P P P P P P

P P P P P P P P P P

Subhdeep Kaur

6440 Krunika Kapoor

P P P P P P P P P P

P P P P P P P P P P

Krunika Kapoor

6442 Palak Sharma

P P P P P P P P P P

P P P P P P P P P P

Palak Sharma

6446 Aniket Sharma

P P P P P P P P P P

P P P P P P P P P P

Aniket Sharma

6448 Anjali

P P P P P P P P P P

P P P P P P P P P P

Anjali

6456 Anshapreet Kaur

P P P P P P P P P P

P P P P P P P P P P

Anshapreet Kaur

6459 Palak

P P P P P P P P P P

P P P P P P P P P P

Palak

6482 Kam

P P P P P P P P P P

P P P P P P P P P P

Kam

6485 Nany

P P P P P P P P P P

P P P P P P P P P P

Nany

6486 Chanda Devi

P P P P P P P P P P

P P P P P P P P P P

Chanda Devi

6801 Madhu

P P P P P P P P P P

P P P P P P P P P P

Madhu

6806 Anurag Singh

P P P P P P P P P P

P P P P P P P P P P

Anurag Singh

6810 Abhinav

P P P P P P P P P P

P P P P P P P P P P

Abhinav

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R.No. Name

Signature

R.No.	Name	32	33	34	35	36	37	38	30	31	1	2	3	5	6	7	8	9	10	12	13	14	15	16	
6812	Renu	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6813	Mamnu	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6818	Diksha Talwar	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6822	Pritya Devi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6529	Krush Patel	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6553	Mehak	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6555	Deepak Rana	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7104	Chetan Sharma	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7209	Aniket Kumar	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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September

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Signature
Renu
Mamnu
Diksha
Pritya Devi
Krush Patel
Mehak
Deepak Rana
Chetan Sharma
Aniket Kumar

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October

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R.No.	Name	17	19	20	21	22	23	23	27	28	29	30	1	6	7	8	10	11	12	13	14	15	17	18	19	20
G416	Shruti	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G417	Balraj	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G423	Narun	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G425	Shubham Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G431	Gaurav Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G432	Hemant Swinath	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G433	Kulsh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G438	Nero Roshan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G446	Subhdeep Kaur	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G440	Kaushik Kapoor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G442	Rohit Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G446	Aniket Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G448	Prityal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G456	Antarvart Kaur	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G459	Rohit	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G482	Kanon	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G485	Nancy	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G486	Chanda Devi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G801	Mathu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G806	Amritpal Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
G96	Abhij	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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R.NO	Name	21	26	28	29	31	4
6416	Shreeta	P	P	P	.	P	P
6417	Balraj	P	.	P	P	.	P
6423	Vaun	P	.	P	P	P	P
6425	Shubham	P	P	P	P	P	P
6431	Gunpreet	.	P	P	.	P	P
6432	Mamant	P	P	P	P	P	.
6433	Krish	P	P	P	P	P	P
6434	Neha Pasahan	P	P	.	P	P	P
6436	Subhdeep Kaur	P	.	P	P	P	.
6440	Khushi Kapoor	P	P	P	P	P	P
6442	Palak Sharma	.	P	P	P	P	P
6446	Aniket Sharma	P	P	P	P	.	P
6448	Anjali	P	.	P	P	P	P
6456	Antarpreet Kaur	P	P	P	P	P	.
6459	Palak	P	P	P	P	.	P
6482	Karan	P	.	P	P	P	P
6485	Nancy	.	P	P	P	.	P
6486	Chanda Devi	P	P	P	P	P	P
6801	Madhu	P	P	P	P	P	P
6806	Amritpal	P	P	P	P	P	P
6860	Abhans	P	P	P	.	P	P

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Test of Logical Thinking & Analysis

(Add on Course)

Time Allowed- 1 hour

Maximum Marks-30

Directions (Q. Nos. 1-4) Study the following information carefully and answer the following questions.

Codes

- 'economics is not money' is written as 'ka la ho ga.'
- 'demand and supply economics' is written as 'mo ta pa ka'.
- 'money makes only part' is written as 'zi la ne ki'.
- 'demand makes supply economics' is written as 'zi mo ka ta'.

1. What is the code for 'money' in the given code language?
(a) ga (b) mo (c) pa (d) ta (e) la
2. What is the code for 'supply' in the given code language?
(a) Only ta (b) Only mo
(c) Either pa or mo (d) Only pa
(e) Either mo or ta
3. What may be the possible code for 'demand only more' in the given code language?
(a) xi ne mo (b) mo zi ne
(c) ki ne mo (d) mo zi ki
(e) xi ka ta
4. What may be the possible code for 'work

and money' in the given code language?

- (a) pa ga la (b) pa la lu
(c) mo la pa (d) tu la ga
(e) pa la ne

Directions (Q. Nos. 5-9) What will come in place of the question marks in the following number series?

5. 11, 20, 38, 74,
(a) 146 (b) 154 (c) 128 (d) 132 (e) 136
6. 24, 28, 19, 35, 10,
(a) 26 (b) 36 (c) 16 (d) 46 (e) 15
7. 12, 19, 35, 59, 90,
(a) 134 (b) 127 (c) 132 (d) 98 (e) 114
8. 0, 1, 1, 2, 3, 5, 8, 13, 21,
(a) 34 (b) 35 (c) 33 (d) 36
9. 17, 36, 74, 150, 606
(a) 250 (b) 303 (c) 300 (d) 302

Directions (Q. Nos. 10-14) what should come in?

the place of question mark (?) in the following alpha numeric series?

10. H, V, G, T, F, R, E, P, ?, ?
(a) K, L (b) D, N (c) C, D (d) L, K
11. CE, GI, KM, OQ, ?
(a) TW (b) TV (c) SU (d) RT
12. ELFA, GLHA, ILJA, ?, MLNA
(a) OLPA (b) KLMA (c) LLMA (d) KLLA

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Test of Logical Thinking & Analysis

(Add on Course)

Maximum Marks:-30

Time Allowed:-1 hour

13. _ _ r _ ttp _ _ s _ _ tp _ _ _ s _ _ _

- (a) pqrssqtpqrtp (b) pqstrsqptrst
(c) pqsqrqrtrtpq (d) None of these

14. AZ-21, CY-18, FX-15, JW-12, ?

- (a) PU-7 (b) OV-9 (c) PU-8 (d) NV-9 (e) OV-7

15. Anuj is ranked 9th from the Top and 38th from the bottom in his class. What is the total strength of the class?

- (a) 45 (b) 46 (c) 47 (d) 48

16. Sunaina stays on the 16th floor from the bottom of a 28-floor building. What is the position of her floor from the Top?

- (a) 13 (b) 14 (c) 15 (d) 16

17. If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?

- (a) Brother (b) Sister (c) Nephew (d) NND

18. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?

- (a) Brother (b) Nephew (c) Uncle (d) Son-in-law

19. When we arrange the letters of the word 'VRAKIE' in correct order, we get the name of a river. Fifth letter from left in that name,

is CGPSC 2014

- (a) R (b) E (c) I (d) K
(e) None of these

20. Directions: In each of the given questions, one statement has been given followed by two

conclusions. Find which of the given conclusions is true

Statement: $A > F \leq C = D < E$

Conclusion I: $A > E$

Conclusion II: $F < E$

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Directions (Que.21-25): Read the following given information carefully and answer the given questions:

A group of eight friends – P, Q, R, S, T, U, V, and W are sitting in a straight line with north facing. P sits third to the right of U. Neither P nor U sits at the extreme edges of the line. T is not an immediate neighbour of either P or U. One person is sitting between W and R. Q sits at an end of the line. q sits on the immediate right of P. T doesn't sit to the left of S.

R sits at the 4th position from either end of the row.

Que21 .How many persons sit between W and P?

- (a) One
(b) Three
(c) Two
(d) Five
(e) None of these

Que22. Who sits just between S and V?

- (a) W

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Test of Logical Thinking & Analysis

(Add on Course)

Maximum Marks:-30

Time Allowed:-1 hour

- (b) P
- (c) T
- (d) U
- (e) None of these

Que23. How many persons sit between U and Q?

- (a) One
- (b) Three
- (c) Two
- (d) Five
- (e) None of these

Que24. What is the position of S concerning U?

- (a) Second to the left
- (b) Third to the left
- (c) Third to the right
- (d) Second to the right
- (e) None of these

Que25. If V is related to T and U is related to P, then similarly, S is related to?

- (a) W
- (b) T
- (c) R
- (d) U
- (e) None of these

Directions (26-30): Study the following information carefully and answer the given questions.

Seven persons are living in seven different floors of a seven storey building. All of them going for

shopping in different days of the same week starting from Monday to Sunday.

T lives on an even numbered floor. V stays on the second floor and goes for shopping on Wednesday. The one who stays on the first floor goes for shopping on Saturday. Q goes for shopping immediate before T. Q does not go for shopping on any of the days after V. The one who stays on the seventh floor does not go for shopping on any of the days on and before Friday. The one who stays on the third floor goes for shopping immediately after R. The one who stays on the sixth floor does not go for shopping immediate before or after V. U does not go for shopping on Sunday and does not stay on the third floor. S does not go for shopping on any one of the days before P.

Q26. Who among the following lives on 3rd floor?

- (a) V
- (b) R
- (c) P
- (d) Q
- (e) None of these

Q27. Who among the following persons goes for shopping on Sunday?

- (a) R
- (b) The one who lives on 5th floor
- (c) Q
- (d) The one who lives on 7th floor
- (e) None of these

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Test of Logical Thinking & Analysis

(Add on Course)

Time Allowed:-1 hour

Maximum Marks:-30

Q28. Which of the following statement is true about Q?

- (a) Only two persons lives between V and Q
- (b) R lives just below Q
- (c) V goes immediate after Q
- (d) Q goes for shopping on Friday
- (e) None is true

Q29. U goes for shopping on which day of the week?

- (a) Monday
- (b) Thursday
- (c) Friday
- (d) Saturday
- (e) None of these

Q30. How many persons go for shopping between S and V?

- (a) Two
- (b) One
- (c) More than Three
- (d) Three
- (e) None

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