



Chapter 9 - Number Series, Coding and Decoding, Odd Man Out

Number Series and Alphabet Series

Past Year Questions

- PYQ Nov. 18
- (1) Find out the next number in the following series
7, 11, 13, 17, 19, 23, 25, 29?
a. 30 b. 31
c. 32 d. 33
- PYQ June 19
- (2) Find the next number in the series:
7, 23, 47, 119, 167
★ a. 211 b. 223
c. 287 d. 319
- PYQ Nov. 19
- (3) Complete the series.
4, 16, 36, 64, 100 _____
a. 144 b. 121
c. 49 d. 120
- PYQ Nov. 19
- (4) Complete the series
4, 16 _____ 256, 1024
a. 32 b. 48
c. 64 d. 46
- PYQ Nov. 20
- (5) Find the missing value in the series 0, 2, 3, 6, 10,
17, 28, ?, 75.
★ a. 58 b. 46
c. 48 d. 54
- PYQ Nov. 20
- (6) Find the missing value in $\frac{3}{8}, \frac{8}{19}, \frac{18}{41}, ?, \frac{78}{173}$.
★ a. $\frac{37}{84}$ b. $\frac{40}{87}$
c. $\frac{39}{86}$ d. $\frac{38}{85}$
- PYQ Nov. 20
- (7) Find the wrong term in:
G4T, J10R, M20P, P43N, S90L
★ a. M20P b. P43N
c. J10R d. G4T

- PYQ Nov. 20
- (8) Find the next term 1, 5, 21, 57,
a. 105 b. 138
★ c. 121 d. 101
- PYQ Jan. 21
- (9) Find the next term $\frac{1}{2}, \frac{3}{4}, \frac{5}{8}, \frac{7}{16}, ?$
a. $9/32$ b. $10/17$
c. $11/34$ d. $12/35$
- PYQ Jan. 21
- (10) Find the missing term: P 3 C, R 5 F, T 8 I, V 12
L, ?
a. Y170 b. X17M
c. X170 d. X160
- PYQ July 21
- (11) Choose the missing term in the series.
1, 1, 8, 4, 27, _____, 64, 16
a. 27 b. 11
c. 9 d. 125
- PYQ July 21
- (12) The wrong term in the series 225, 196, 169, 144,
121, 100, 77, 64, is:
a. 121 b. 77
c. 100 d. 169
- PYQ Dec. 21
- (13) What comes at the last place in R, U, X, A,
D.....?
a. E b. F
c. G d. H
- PYQ Dec. 21
- (14) The missing term of the series 4, 13, _____, 49,
76 is
★ a. 26 b. 28
c. 30 d. 32
- PYQ June 22
- (15) 7, 26, 63, 124, 215, 342 _____?
a. 511 b. 672
c. 508 d. 556
- PYQ June 22
- (16) 4, 6, 9, 13.5, _____, 30.375
★ a. 40.50 b. 20.25
c. 40.75 d. 60.25
- PYQ June 22
- (17) Find out the next term -
7, 11, 27, 63, 127, _____
★ a. 511 b. 227
c. 5100 d. 255



MTP Nov 20

- (12) Find the alphabet missing series
ac_cab_baca_a_ab
- | | |
|---------|---------|
| a. aabc | b. aacb |
| c. babb | d. bcbb |

MTP March 21

- (13) Find the missing term of the series 27, 32, 30, 35, 33, ?
- | | |
|-------|-------|
| a. 28 | b. 31 |
| c. 36 | d. 38 |

MTP March 21

- (14) Find out the letter series AZY, EXW, IVU, ?
- | | |
|--------|--------|
| a. MTS | b. MQR |
| c. NRQ | d. LST |

MTP Apr 21

- (15) Find next number in the following series 7, 11, 13, 17, 19, 23, 25, 29, ?
- | | |
|-------|-------|
| a. 30 | b. 31 |
| c. 32 | d. 33 |

MTP Nov 21

- (16) Which number should come next (7, 13, 13, 14, 19, 15)?
- | | |
|-------|------------------|
| a. 15 | b. 25 |
| c. 19 | d. none of these |

MTP Nov 21

- (17) Find out the next term of the series 4, 25, 121, 289, _____
- | | |
|--------|------------------|
| a. 529 | b. 441 |
| c. 625 | d. none of these |

MTP Oct 21

- (18) Find next term of the series 3, 10, 29, 66, 127, ?
- | | |
|--------|--------|
| a. 164 | b. 187 |
| c. 216 | d. 218 |

MTP Oct 21

- (19) Which number should come next 7, 26, 63, 124, 215, 342, ?
- | | |
|--------|--------|
| a. 391 | b. 421 |
| c. 481 | d. 511 |

MTP March 22

- (20) The missing term of the series 11, 10, __27, 66.5, 198.5
- | | |
|---------|-------|
| ★ a. 14 | b. 16 |
| c. 21 | d. 19 |

MTP March 22

- (21) What comes at last place in R, U, X, A, D, ?
- | | |
|------|------|
| a. E | b. F |
| c. G | d. H |

MTP June 22

- (22) Find missing term of the series 2, 3, 3, 5, 10, 13, ?, C, 43, 172, 177
- | | |
|-------|-------|
| a. 23 | b. 38 |
| c. 39 | d. 40 |

MTP June 22

- (23) Find missing term of the letter series A, CD, GHI, UVWXY
- | | |
|-----------|---------|
| ★ a. LMNO | b. MNO |
| c. MNOP | d. NOPQ |

MTP Dec 22 - Series I

- (24) Find the missing term in each of the following series: 6, 13, 25, 51, 101.
- | | |
|--------|--------|
| a. 201 | b. 202 |
| c. 203 | d. 205 |

MTP Dec 22 - Series I

- (25) Find the missing term in each of the following series: 28, 33, 31, 36, 34, ?
- | | |
|-------|-------|
| a. 48 | b. 39 |
| c. 54 | d. 62 |

MTP Dec 22 Series II

- (26) Find the missing term of the following series: 3, 15, ?, 63, 99, 143
- | | |
|-------|-------|
| a. 27 | b. 35 |
| c. 45 | d. 56 |

MTP Dec 22 Series II

- (27) Find the missing term of the following series: 7, 26, 63, 124, 215, 342?
- | | |
|--------|--------|
| a. 391 | b. 421 |
| c. 481 | d. 511 |

MTP Dec 22 Series II

- (28) Find the missing term of the following series: 3, 7, 15, ?, 63, 127
- | | |
|-------|-------|
| a. 30 | b. 31 |
| c. 47 | d. 52 |

MTP June 2023 Series I

- (29) Find the next alphabet series in the given sequence? ALN, DNR, GPR?
- | | |
|--------|--------|
| a. KLN | b. JRT |
| c. RNU | d. RNV |

MTP June 2023 Series I

- (30) Find the missing number in the following series? 2, 15, 10, 17, 26?
- | | |
|-------|-------|
| a. 49 | b. 47 |
| c. 37 | d. 36 |



PYQ July 21

- (11) If DELHI is coded as EFMII then JAIPUR is coded as _____
- a. JQVSBK b. QVSKBJ
c. BJQVSK d. KBJQVS

PYQ July 21

- (12) If FRAME is coded as 0618011305 then ARISE is coded as _____
- a. 0118091905 b. 0119091805
c. 0118190905 d. 0118091805

PYQ July 21

- (13) If CLOCK is coded as 34235 and TIME as 8679, then MOTEL is coded as:
- a. 27894 b. 72964
c. 72894 d. 77684

PYQ Dec. 21

- (14) If MOUSE, is coded as 34651 and KEY is coded as 217, then how will YES be coded?
- a. 715 b. 517
c. 175 d. 571

PYQ Dec. 21

- (15) In a certain code, MENTION is written as LNEITNO. How is PRESENT written in that code?
- ★
- a. NTSEREO b. OERESTN
c. ERESTNO d. ROESTNE

PYQ Dec. 21

- (16) In a certain code "THANKS" is written as "SKNTHA" then how is "STUPID" written?
- a. DIPUTS b. DISPUT
c. DIPUST d. DIPSTU

PYQ June 22

- (17) LOTUS is coded as 14682 and STRANGE is coded as 2690753. How will you code GESTURE
- a. 5236893 b. 5326793
c. 5346893 d. 5326893

PYQ June 22

- (18) Code for word EARTH is 16235 and VENUS is 91784 what is code for SATURN?
- a. 423827 b. 463827
c. 463877 d. 413827

PYQ Dec 22

- (19) If 'FROZEN' is decoded as 'OFAPSG'. Tick the right option that depicts 'MOLTEN' written in this way?
- ★
- a. OFPOMN b. OFSMPN
c. OFUMPN d. OFUNPN

PYQ Dec 22

- (20) In certain code language, if TOUR, is written as 1234, CLEAR is written 56784 and SPACE is written as 90847, find the code for CARE?
- a. 1247 b. 4847
c. 5247 d. 5847

PYQ Dec 22

- (21) If ROSE 'is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH?
- a. 246173 b. 214673
c. 216473 d. 214763

PYQ Jun 23

- (22) In a certain code, MENTION is written as LNEITNO. How is PRESENT written in that code?

- a. QFSFTUM b. ONESERP
c. QRESTNO d. OERESTN

Answer Key

1 a	2 c	3 a
4 a	5 c	6 b
7 c	8 a	9 d
10 c	11 d	12 a
13 c	14 a	15 b
16 d	17 d	18 b
19 c	20 d	21 b
22 d		

Coding and Decoding

Mock Test Questions

MTP May 18

- (1) If GARDEN is coded as 325764 and WATER as 92165, how can we code the word WARDEN in the same way?
- a. 925764 b. 295764
c. 952764 d. 957264

MTP May 18

- (2) If F=6, MAT=34, then how much is CAR?
- a. 21 b. 22
c. 25 d. 28

MTP Nov 18

- (3) In a certain code language "EXAM" is coded as 39 'PAPER' is coded as 51 then PASS is coded as
- a. 39 b. 47
c. 489 d. 51



(4) In a certain language MADRAS is coded as NBESBT, how BOMBAY is coded in that language?

MTP Nov 18

- a. CPNCBX
b. CPNCBZ
c. CPOCBZ
d. CQOCBZ

Note: Ans incorrect in MTP

(5) GO = 32, SHE = 49, then SOME will be equal to

MTP May 19

- a. 56
b. 58
c. 62
d. 64

(6) in a certain Code DECEMBER is written as ERMBCED. Which word will be written as ERMVENO in that code?

MTP May 19

- a. AUGUST
b. SEPTEMBER
c. OCTOBER
d. NOVEMBER

(7) If SUMMER is coded as RUNNER the code for WINTER will be

MTP May 19 Series II

- a. SUITER
b. VIOUER
c. WALKER
d. SUFFER

MTP May 19 Series II – Error in MTP

(8) In a certain code KAVERI is written as VAKIRE. How is MYSORE written in that code?

- a. EROSYM
b. SYMORE
c. SMYERP
d. SYMERO

Note: Ans incorrect in MTP

(9) In a certain language TWINKLE is written as SVHOJKD, then how would FILTERS be written in the same code?

MTP Nov 19

- a. EHKUDQR
b. ITNFKD
c. KVOHMF
d. TIMFKD

(10) If 'MEAT' is written as 'TEAM', then 'BALE' is written as

MTP Nov 19

- a. ELAB
b. EABL
c. EBLA
d. EALB

(11) In a certain language, FLOWER is coded UOLDVI, then how is TERMINAL coded in that language?

MTP May 20

- a. FLKPMROZ
b. GVINRMZO
c. RVNIGLKA
d. MNIVGYEO

(12) If PLAY is coded as 8123 and RHYME is coded as 49367. What will be code of MALE?

MTP May 20

- a. 6217
b. 6198
c. 6395
d. 6285

(13) If TWENTY is written as 863985 and ELEVEN is written as 323039, then TWELVE can be coded

MTP March 21

- a. 863203
b. 863302
c. 863320
d. 683302

(14) If 'LOSE' is coded 1357 and 'GAIN' is coded as 2468 What do the figure 82146 for

MTP March 21

- a. NGLAI
b. NGLIA
c. GNLIA
d. GNLAI

(15) If B = 2 and BAG = 10, then BOX = ?

MTP March 21

- a. 36
b. 39
c. 41
d. 52

(16) If DELHI is coded as 73541 and CALCUTTA as 82589662, then CALICUT be coded as?

MTP Apr 21

- a. 8251896
b. 82518 69
c. 8521896
d. 8258196

(17) In a certain code, "Delhi is capital" is coded as "7 5 9", "capital are beautiful" is coded as "3 6 9", "Delhi is beautiful" is coded as "6 7 5", "Patna also capital" is coded as "9 2 4". What is code for "beautiful" ?

MTP Nov 21 – Error in MTP

- a. 2
b. 4
c. 6
d. 9

Note: Ans incorrect in MTP

(18) If 'SYSTEM' is coded as 131625 then 'TERMS' will be coded as ?

MTP Nov 21

- a. 62251
b. 62451
c. 64251
d. 62415

(19) In a certain code 'SOUTHERN' is written as 'UVPTMQDG'. How is 'MARIGOLD' written in that code?

MTP Oct 21

- a. JSBCNFKS
b. JSBNHPME
c. JSBNCKNF
d. NBSKCJNF



MTP Oct 21

- (20) In a certain code 'PRISM' is written as 'OSHTL' and 'RUBLE' is written as 'QVAMD'. How will 'WHORL' be written in that code?
- a. XISPM b. VINSK
c. UINSK d. XGPQM

MTP March 22

- (21) If Z = 52 and ACT = 48, then BAT will be equal to
- ★ a. 39 b. 41
c. 44 d. 46

MTP March 22

- (22) If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH?
- a. 246173 b. 214673
c. 214763 d. 216473

MTP March 22

- (23) If E = 5 and READ is coded as 7, then what is the code of 'DEAR' ?
- ★ a. 6 b. 7
c. 8 d. 9

MTP June 22

- (24) In a certain code TELEPHONE is written as ENOHPELET. How is ALIGATOR written in that code?
- a. ROTAGILA b. ROTAGAIL
c. ROTAGILE d. ROTEGILA

MTP June 22

- (25) In a certain Code, 'CLOUD' is written as 'GTRKF'. How is 'SIGHT' written in that code?
- ★ a. UGHHT b. UHJFW
c. WFJGV d. WGJHV

MTP Dec 22 – Series I

- (26) In a certain code, TEACHER is written as VGCEJGT, How is CHILDREN written in that code?
- a. EJKNEGTP b. EGKNEITP
c. EJKNFGTO d. EJKNFTGP

MTP Dec 22 – Series I

- (27) In a certain code language, '253' means 'books are old'; '546' means 'man is old' and '378' means 'buy good books'. What stands for 'are' in that code?
- ★ a. 2 b. 4
c. 5 d. 6

MTP Dec 22 – Series I

- (28) If SUMMER is coded as RUNNER, the code for WINTER will be
- a. SUITER b. VIOUER
c. WALKER d. SUFFER

MTP Dec 22 Series II

- (29) In a certain code language, '253' means 'books are old'; '546' means 'man is old' and '378' means 'buy good books'. What stands for 'are' in that code?
- a. 2 b. 4
c. 5 d. 6

MTP June 2023 Series I

- (30) If GOODNESS is coded as HNPCODTR, then how GREATNESS can be written in that code?
- a. HQZSMFRT b. HQFZUFRTM
c. HQFZUODTR d. HQFZUMFRT

MTP June 2023 Series I

- (31) In certain code language, if TOUR, is written as 1234, CLEAR is written 5678 and SPACE is written as 90847, Find the code for TEARS ?
- a. 17847 b. 14847
c. 15247 d. 17849

MTP June 2023 Series I

- (32) If ROSE 'is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for RESEARCH?
- a. 61246173 b. 61214673
c. 61216473 d. 61214743

MTP June 2023 Series II

- (33) In certain code language, BOARD is coded as CQDVI, what is the code for the word CONSULTING?
- a. DQQWZRARNQ
b. DQQWZARQWQ
c. DQQWZRAQWQ
d. None of these

MTP June 2023 Series II

- (34) In a certain code language if CAMP is written as 9, then in the same code how will the word TEAM be written?
- a. 14 b. 19
c. 27 d. 33



Answer Key

1 a	2 b	3 d
4 b	5 a	6 d
7 b	8 d	9 a
10 d	11 b	12 a
13 a	14 a	15 c
16 a	17 c	18 b
19 c	20 b	21 d
22 b	23 b	24 a
25 d	26 d	27 a
28 b	29 a	30 d
31 d	32 b	33 c
34 c		

Odd Man Out

Past Year Exam Questions

- (1) Find odd man out of the following series 15, 21, 63, 81, 69
 a. 15 b. 21
 c. 63 d. 81
- (2) Find odd man out of the following 7, 9, 13, 17, 19
 a. 7 b. 9
 c. 19 d. 13
- (3) Which of the following is odd one 4, 12, 44, 176, 890.....
 ☆ a. 4 b. 12
 c. 44 d. 176
- (4) Which of the following is odd one?
 a. CEHL b. KMPT
 c. OQTX d. NPSV
- (5) Find the odd man out 5, 10, 17, 27, 37:
 a. 5 b. 17
 c. 27 d. 10
- (6) SYSTEM is coded as 131625 then TERMS will be coded as?
 a. 62251 b. 62451
 c. 64251 d. 62415

PYQ Nov. 19

- (7) Find the odd one out: 1, 5, 14, 30, 49, 55, 91
 A a. 49 b. 30
 c. 55 d. 91

PYQ Nov. 20

- (8) Which of the following is the odd one: 6, 9, 15, 21, 24, 26, 30.
 a. 30 b. 24
 c. 26 d. 9

PYQ Jan. 21

- (9) Find out the odd man out in the Sequence 8, 25, 64, 125, 216.
 a. 25 b. 64
 c. 125 d. 216

PYQ Dec. 21

- (10) Find the odd one from the following:
 a. Zebra b. Giraffe
 ☆ c. Horse d. Tiger

PYQ Dec. 22

- (11) Find the odd man out:
 34, 105, 424, 2123, 12756
 a. 12756 b. 2123
 c. 424 d. 34

PYQ Jun 23

- (12) Out of following 41, 43, 47, 53, 61, 71, 83, 95 the odd man out shall be
 a. 95 b. 83
 c. 71 d. 53

PYQ Jun 23

- (13) Find the odd man out in the following series: 190, 145, 136, 352, 460, 324, 631, 244.
 a. 136 b. 244
 c. 460 d. 324

Answer Key

1 d	2 b	3 c
4 d	5 c	6 b
7 a	8 c	9 a
10 d	11 b	12 a
13 d		

Odd Man Out

Mock Test Paper Questions

MTP May 18

- (1) 1, 4, 9, 16, 20, 36, 49
 a. 1 b. 9
 c. 20 d. 36



MTP May 18

- (2) 16, 25, 36, 72, 144, 196, 225
 a. 36 b. 72
 c. 196 d. 225

MTP Nov 18

- (3) Find the odd man out
 a. January b. April
 c. July d. October

MTP Nov 18

- (4) Find the odd man out of the series 5, 10, 17, 25
 a. 5 b. 10
 c. 17 d. 25

MTP May 19 series II

- (5) Find odd one out of the series 7, 9, 11, 12, 14, 15
 a. 15 b. 14
 c. 9 d. 7

MTP May 19 series II

- (6) Find odd one out of the series 37, 45, 49, 65, 79
 a. 37 b. 45
 c. 49 d. 65

MTP Nov 19

- (7) Find out the odd one out of the series 5, 27, 61, 122, 213, 340, 509
 a. 27 b. 61
 c. 122 d. 509

MTP May 20

- (8) Find the wrong term of the series 121, 143, 165, 186, 209
 a. 143 b. 165
 c. 186 d. 209

MTP May 20

- (9) Find odd man out of the series 145, 197, 257, 325, 399
 a. 145 b. 399
 c. 257 d. 325

MTP Nov. 20

- (10) Find odd man out of the following series 41, 43, 47, 53, 61, 71, 73, 81
 a. 41 b. 47
 c. 61 d. 81

MTP Nov. 20

- (11) Find wrong number of the series 22, 37, 52, 67, 84, 97
 a. 52 b. 84
 c. 97 d. 67

MTP Apr 21

- (12) Find odd man out of the following series 15, 21, 63, 81, 69
 a. 15 b. 21
 c. 63 d. 81

MTP Apr 21

- (13) Which of the following is odd one
 a. CEHL b. KMPT
 c. OQTX d. NPSV

MTP Nov. 21

- (14) Find out the wrong number 2, 10, 18, 54, 162, 486, 1458
 a. 18 b. 10
 c. 54 d. 162

MTP Oct. 21

- (15) Find out the wrong number 10, 14, 28, 32, 64, 68, 132
 a. 28 b. 32
 c. 64 d. 132

MTP June 22

- (16) Find wrong number of the series 1, 5, 5, 9, 7, 11, 11, 15, 12, 17
 a. 11 b. 12
 c. 17 d. 15

MTP Dec 22 series II

- (17) Find odd man out of the following series 3, 4, 10, 32, 136, 685, 4116
 a. 10 b. 32
 c. 136 d. 4116

MTP June 2023 Series I

- (18) Find the odd man out: 34, 105, 424, 2125, 12755
 a. 12755 b. 2125
 c. 424 d. 34

Answer Key

1 c	2 b	3 b
4 d	5 b	6 c
7 a	8 c	9 b
10 d	11 b	12 d
13 d	14 b	15 d
16 b	17 b	18 a

Chapter 10: Direction Test

Finding Final Direction

Past Year Questions

PYQ May 18

- (1) X walks southwards and then turns right, then the left and then right. In which direction is he moving now?
- a. South b. North
c. West d. South-west

PYQ May 18

- (2) Raman starts walking in the morning facing the sun. After sometime, he turned to the left, later again he turned to his left. In what direction is Raman moving now?
- a. East b. West
c. South d. North

PYQ May 18

- (3) You go North, turn right, then right again and then go to the left. In which direction are you now?
- a. South b. East
c. West d. North

PYQ Nov. 18

- (4) A man started to walk East, After moving a distance, he turned to his right. After moving a distance, he turned to his right again. After moving a little he turned in the end to his left. In which direction was he going now?
- a. East b. West
c. North d. South

PYQ June 19

- (5) Sangeeta leaves from her home. She first walks 30 meters in north-west direction and then 30m in south west direction, next she walks 30 meters in south-east direction. Finally she turns towards her house. In which direction is she moving now.
- a. North - West b. North - East
c. South - East d. South - West

PYQ June 19

- (6) Madhuri moved a distance of 75 meters toward north. She then turned to her left and walked for about 25m, turned left again and walked 80m. Finally, she turned to her right at an angle of 45° . In which direction was she moving now?
- a. South - East b. South - West
c. North - West d. North - East

PYQ June 19

- (7) A person facing North moves 70° in clockwise direction. He again moved 300° in clockwise direction. In which direction is he facing now?
- ★ a. North - West b. South - East
c. North - East d. South - West

PYQ Nov. 19

- (8) A man stands on a point and starts walking towards north. He then turns left, then turns right, and then left. In which direction he is moving now?
- a. West b. North
c. East d. South

PYQ Nov. 19

- (9) A man started from a point facing north, then turned left, then again left, and then right. In which direction he is facing now?
- a. East b. West
c. North d. South

PYQ Nov. 19

- (10) Rohan is driving cycle from house towards north, he turns left and then left again. Which direction he is facing now?
- a. East b. West
c. North d. South

PYQ Nov. 20

- (11) A man is facing west he turns 45 degrees in the clockwise direction and then another 180 degrees in the same direction and then 270 degrees in the anticlockwise direction. Which direction is he facing now?
- a. South - West b. North - West
c. West d. South

PYQ Jan. 21

- (12) A man is facing west. He turns 45° in the clockwise direction and then another 180° in the same direction and then 270° in the anti-clockwise direction. Which is the facing now?
- ★ a. South - West b. North - West
c. West d. South

PYQ July 21

- (13) One morning after sunrise, Vikram and Shailesh were standing in a down with their back towards each other. Vikram's shadow fell exactly towards left hand side. Which direction was Shailesh facing?
- a. South - West b. West
c. South d. East - South

PYQ Dec. 21

- (14) A man starts from a point, walks 4 miles towards North and turns left and walks 6 miles, turns right and walks for 3 miles and again turns right and walks 4 miles and takes rest for 3 minutes. He gets up and walks straight 2 miles in the same direction and turns right and walks one mile. What is the direction he is facing?
- a. North b. South
c. South - East d. West

PYQ June 22

- (15) A sign board pointing direction towards north due to heavy wind. The points of sign word shows west instead of North. If a person moves to same direction of pointer. He moves 100 meter than turn left, and moves 100 meter than again turn left and move 100 meter than he turn right & moves 100 meter. In which direction he is now?
- a. West b. East
c. North d. South

PYQ June 22

- (16) If Ramu faces West and moves 5 km in the direction then takes a left turn and moves 10 km then take another left turn and moves 15 km in same direction then moves 10 km in the north direction and reaches point A. What is the distance between the starting point and A and in which direction is Ramu facing now?
- a. 10 km, North b. 5 km, South
c. 10 km, South d. 5 km, North

PYQ June 22

- (17) A person facing in North moves 70° in Clockwise direction. He again moved 300° in anti clockwsize direction. In which direction is he facing now?
- a. North - West b. South - East
c. North - East d. South - West

PYQ Dec 21

- (18) A man is facing West. He turns 45 degree in the clockwise direction and then another 180 degree in the same direction and then 270 degree in the anticlockwise direction. Find which direction he is facing now?
- a. South - East b. West
c. South d. South - West

Answer Key

1 c	2 b	3 b
4 d	5 b	6 b
7 c	8 a	9 b
10 d	11 a	12 a
13 c	14 b	15 d
16 a	17 b	18 d

Finding Final Direction

Mock Test Paper Questions

MTP May 18

- (1) Mohan starts from point A and walks 1 km towards south, turns left and walks 1 km. Then he turns left again and walks 1 km. Now he is facing
- a. East b. West
c. North d. South-west

MTP May 18

- (2) Roopa starts from a point and walks 15 metre towards west, turns left and walks 12 metre, turns right again and walks. What is the direction she is now facing?
- a. south b. west
c. East d. north

MTP May 18

- (3) A car travelling from south covers a distance of 8 kms, then turns right and runs another 9 kms and again turns to the right and was stopped. Which direction does it face now?
- a. South b. North
c. West d. East

(4) A Driver left his village and drove North for 20 Km, after which he stopped for breakfast. Then he turned left and drove another 30 km, when he stopped for lunch. After some rest, he again turned left and drove 20 kms before stopping for evening tea. Once more he turned left and drove 30 kms to reach the town where he had supper. After evening tea in which direction did he drive?

- a. West b. East
c. North d. South

MTP Nov 19

(5) A man starts for his office in the North direction, he turns to his left, and then to his right and again to his right. In which direction he will be facing?

- a. North b. South
c. East d. North

MTP Nov 19

(6) Pramila is going towards East. She turns left, moves on same distance and again turns to her left. After walking some distance, she turns to her right and moves on. In which direction she is going now?

- a. North b. South
c. North-West d. West

MTP May 20

(7) A man is facing towards East and turns through 45° clockwise again 180° clockwise and then turns through 270° anti-clockwise. In which direction is he facing now?

- a. West b. North-East
c. South d. South-West

MTP May 20

(8) Facing towards North, Ravi walks 35 m. He then turns left and walks 55 m. He again turns left and walks 35 m. How far is from original position and towards which direction.

- a. 30 m, North b. 20 m, East
c. 55 m, West d. 20 m, South

MTP May 20

(9) Raju is facing East, he turns 100° in the clockwise direction and 145° in the anti-clockwise direction. Which direction is he facing now?

- a. West b. North-East
c. North d. South-East

MTP Nov 20

(10) If a man on motor bike starts from a point and rides 4 km South then turns left and rides 2 km and turn again to the right to ride in which direction is he moving?

- a. North
b. West
c. South
d. North

MTP March 21

(11) A man stands on a point and starts walking towards north then turns left then turns right and then left in which direction he is moving.

- a. West b. North
c. East d. South

MTP Apr 21

(12) Ramu moved a distance of 75 meters towards North. He then turned to left and walking for about 25 m, turned left again and walks 80m. Finally, he turned to the right at an angle of 45° . In which direction was he moving finally?

- a. South-East b. South-West
c. North-West d. North-East

Note: Answer incorrect in MTP

MTP Apr 21

(13) If a man on motor bike starts from a point and rides 4 km South then turns left and rides 2 km and turn again to the right to ride in which direction is he moving?

- a. North b. West
c. South d. North

MTP Nov 21

(14) Sanjay started from his house towards west. After a walking a distance 15 km he turned to the right and walked 10 km, he again turned to the right and walked 5 km. After this he turns left at 135° and covered 10 km in which direction should he is going?

- a. South b. South-West
c. South-East d. North-West

MTP Nov 21

(15) Mamtha moved a distance of 75 m towards north, then she turns to the left and walked to about 25 m, turned left again and walks 80 m. Finally, she turns to the right at angle of 45° . In which direction was she is moving finally?

- a. South-East b. South-West
c. North-West d. North-East

Note: Answer incorrect in MTP

MTP Oct 21

- (16) Raju walks northwards. After a while, he turns to his right and a little further to his left. Finally, after walking a distance of one kilometre, he turns to his left again. In which direction is he moving now?
- a. North b. South
c. East d. West

MTP Oct 21

- (17) A man is facing south. He turns 135° in the anticlockwise direction and then 180° in the clockwise direction. Which direction is he facing now?
- a. North-East b. North-West
c. South-East d. South-West

MTP March 22

- (18) A boy from his home, first walks 20 m in North-West direction then 20 m in South - West direction. Next, he walks 20m South - East direction. Finally, he turns towards his house. In which direction is he moving?
- a. North - West b. North-East
c. South - West d. South - East

MTP June 22

- (19) Ravi started from the house towards West. After walking a distance of 30 metres, he turned towards right and walked 20 metres. He then turned left and moving a distance of 10 metres, turned to his left again and walked 40 metres. He now turned to the left and walked 5 metres. Finally, he turned to his left. In which direction was he walking now?
- a. North b. South
c. East d. South-West

MTP June 22

- (20) I am facing South. I turn right and walk 20 meters. Then I turn right again and walk 10 meters. Then I turn left and walk 10 meters and then turning right walk 20 meters. Then I turn right again and walk 60 meters. Which direction am I facing now?
- a. North b. North-West
c. East d. North-East

Note: Answer incorrect in MTP

MTP June 22

- (21) Going 50 m to the south of her house Radhika turns left and goes another 20 m. Then turning to the North, she goes 30 m and then starts walking to her house. In which direction is she walking now?
- a. North-West b. North
c. South-East d. East

MTP June 22

- (22) A man is facing west. He turns 45° in the clockwise direction and then another 180° in the same direction and then 270° in the anticlockwise direction. Which direction is he facing now?
- a. South b. North-West
c. West d. South-West

MTP Dec 22 Series II

- (23) Shweta moved a distance of 75 meters towards the north. She then turned to the left and walked about 25 meters, turned left again and walked 80 meters. Finally, she turned to the right at an angle of 45° . In which direction was she moving finally?
- a. South b. South-West
c. North-East d. North-West

MTP Dec 22 Series II

- (24) Pankaj is facing west. He turns 45° in the clockwise direction and then again another turns with 180° in the same direction i.e. clockwise direction, after that he turns 270° in the anticlockwise direction. Which direction is he facing now?
- a. North-West b. West
c. South-West d. South

MTP Dec 22 Series II

- (25) A man is facing north. He turns 45 degree in the clockwise direction and then another 180 degree in the same direction and then 45 degree in the anticlockwise direction. Find which direction he is facing now?
- a. North b. East
c. West d. South

MTP June 2023 Series I

- (26) A man is facing west. He turns 45° in the clockwise direction and then another 180° in the same direction and then 270° in the anticlockwise direction. Find which direction he is facing now?

- a. South - East b. West
c. South d. South - West

Answer Key

1 c	2 b	3 a
4 b	5 c	6 a
7 b	8 c	9 b
10 c	11 a	12 b
13 c	14 d	15 b
16 d	17 d	18 b
19 a	20 c	21 a
22 d	23 b	24 c
25 d	26 a	

Finding Direction from Starting Point

Past Year Questions

PYQ May 18

- (1) Laxman went 15km to North then he turned West and covered 10 kms. Then he turned South and covered 5 km. Finally turning to East he covered 10 km. In which direction he is from his house.

- a. East b. West
c. North d. South

PYQ May 18

- (2) A man is facing East, then he turns left and goes 10 meter then turns right and goes 5 meter then goes 5 meter to the South and from there, 5 meter to West. In which direction is he from his original place?

- a. East b. West
c. North d. South

PYQ Nov. 18

- (3) Anoop starts walking towards South. After walking 15 meters, he turns towards North. After walking 20 meters, he turns towards East and walks 10 meters. He then turns towards south and walks 5 meters. In which direction is he from the original position.

- a. North b. South
c. East d. West

PYQ Nov. 18

- (4) Rahim started from point X and walked straight 5 km west, then turned left and walked straight 2 km, then again turned left and walked straight 7 km. In which direction is he from the point X?

- a. North-East b. South-West
c. South-East d. North-west

PYQ Nov. 18

- (5) Manu wants to go to the market. He starts from his house towards North and reaches a crossing after 30m. He turns towards East, goes 10m till the second crossing and turns again, moves towards South straight for 30m where marketing complex exits. In which direction is the market from his house?

- a. North b. South
c. East d. West

PYQ June 19

- (6) When a person faces north and walks 25m right then turns left and walks 20m, and again turns right and walks 25m, and turns right, and walks 25m, and turns right and walks 40m, in which direction is he now from his starting point?
- a. North – West b. North – East
c. South – East d. South – West

PYQ Nov. 19

- (7) Mohan started from a point and walked towards west. He took left to reach Sohan's house. In which direction should he move to reach his house:
- a. North east b. South east
c. South west d. North west

PYQ Nov. 19

- (8) Sun rises behind the tower and sets behind the railway station. In which direction is the tower from railway station?
- a. North b. South
c. East d. West

PYQ Nov. 20

- (9) If you are facing North – east and move 10m forward, man left and move 7.5m, then you are
- ☆ a. North of your initial position
b. South of your initial position
c. East of your initial position
d. None of these

Note: Ideally it should be NE but according to options given option a is more appropriate

PYQ Nov. 20

- (10) A man can walk by having long, medium and short steps. He can cover 60 meters by 100 long steps, 100 meters by 200 medium steps and 80 meters by 200 short steps, he walks taking 5000 long steps, then he turns left and walk by taking 6000 medium steps. He then turns right and walk by taking 2500 short steps. How far (in meters) is he away from his starting point?
- a. 5000m b. 4000m
c. 6000m d. 7000m

PYQ Jan. 21

- (11) Ms. N walks 10km towards North from there she walks 6km towards South. Then she walks 3km towards East. How far and in which direction is she with reference to her starting point?
- ☆ a. 4 km West
b. 6 km West
c. 3 km East
d. 5 km North/East

PYQ July 21

- (12) There are four towns P, Q, R and T. Q is the South – West of P, R is to the East of Q and South – East of P and T is to the North of R in line with QP. In which direction of P is T located?
- a. North b. North – East
c. East d. South – East

PYQ July 21

- (13) There are four towns P, Q, R, T. Q is to the south west, of P, R is to the east of Q and south – east of P and T is to the north of R in line with QP. In which direction T is located wrt P?
- ☆ a. North b. North – East
c. East d. South – East

PYQ July 21

- (14) Five friends A, B, C, D, E are staying in the same locality. B's house is to the East of A's house and to the North of C's house. C's house is to the West of D's house. D's house is in which direction with respect to A's house?
- ☆ a. North – East b. South – East
c. North – West d. South – West

PYQ Dec. 21

- (15) A person walks 1 km (kilometer) towards West and then he turns to South and walks 5 km.
- ☆ Again, he turns to West and walks 2 km. After this he turns to North and walks 9 km. How far is he from his starting point?
- a. 3 km b. 4 km
c. 5 km d. 7 km

- (16) **PYQ Dec. 21**
Daily in the morning the shadow of a Clock Tower installed on Railway Station falls on high rise Mall and in the evening the shadow of the same Mall falls on the Clock Tower installed on Railway Station exactly. So in which direction is Clock Tower to Mall?
- a. Eastern side b. Western side
c. Northern side d. Southern side

- (17) **PYQ June 22**
If there are 8 polls from A, B, C, D, E, F, G, H. Then B is to the East of A, C is to the South of B, D is to the West of C, E is the South of D, F is to the East of E, G is South of F, H is West of G. Then in which direction is H in respect to A.
- a. North b. West
c. South d. East

- (18) **PYQ Dec 22**
Radha moves towards South – East a distance of 7 km, then she moves towards West and travels a distance of 14 km. From here she moves towards North – West a distance of 7 km. and finally she moves a distance of 4 km. towards East. How far is she now from the starting point?
- a. 3 km b. 4 km
c. 10 km d. 11 km

- (19) **PYQ Jun 23**
Deepika starts walking straight towards east. After walking 65m, she turns to the left and walks 25m straight. Again she turns to the left and walks a distance of 40m. At what distance and in which direction currently she is from the initial point?
- a. 35.35 m in North-East
b. 35.35 m in South-West
c. 25m in North
d. 25m in West

- (20) **PYQ Jul 23**
Sunita walks a distance of 2 km towards East, turns left and moves 1 km, then turns left and moves 2 km and then turn left again and moves 1 km, then halts. At what distance Sunita is now from the starting point?
- a. 0 km b. 1 km
c. 2 km d. 6 km

Answer Key

1 c	2 c	3 c
4 c	5 c	6 c
7 a	8 c	9 a
10 a	11 d	12 b
13 b	14 b	15 c
16 a	17 c	18 c
19 b	20 a	

Finding Direction from Starting Point

Mock Test Paper Questions

MTP Nov 18

- (1) Arun Started from Point A and Walked 10 kms East to Point B, then turned to North and walked 3 kms to point C and then turned West and walked 12 kms to point D, then again turned South and walked 3 kms to point E. In which direction is he from his starting point?
- a. East b. South
c. West d. North

MTP May 19

- (2) Ramu walks 5 Kms starting from his house towards west then turns right and walks 3 km. Thereafter he takes left turn and walks 2 km. Further, he turn left and walks 3 km. Finally, he turns right and walks 3 kms. In what direction he is now from his house.
- a. west b. north
c. south d. north

MTP May 19

- (3) A man is facing East, then he turns left and goes 10m then turns right and goes 5 m then goes 5 m to the South and from there 5 m to West. In which direction is he from his original place?
- a. east b. west
c. north d. South

MTP May 19 Series II

- (4) A man is facing East, then he turns left and goes 10m then turns right and goes 5 m then goes 5 m to the South and from there 5 m to West. In which direction is he from his original place?
- a. east b. west
c. north d. south

MTP May 19 Series II

- (5) From her home Prerna wishes to go to school. From home she goes towards North and then turns left and then turns right, and finally she turns left and reaches school. In which direction her school is situated with respect to her home?
- a. North-East b. North-West
c. South-East d. South-West

MTP May 19 Series II

- (6) A child walks 25 feet towards North, turns right and walks 40 feet, turns right again and walks 45 feet. He then turns left and walks 20 feet. He turns left again walks 20 feet. Finally, he turns to his left to walks another 20 feet. In which direction is the child from his starting point?
- a. north b. south
c. west d. East

MTP Nov 19

- (7) Rajiv walks 10 m South from his house, turns left and walks 25 m, again turns left and walks 40 m, then turns right and walks 5 m to reach the college. In which direction is the college from his house
- a. North b. South-West
c. North-East d. East

MTP Apr 21

- (8) Kiran walks 2 km towards North then he turns East and walks 10 km. After this he turns North and walks 3 km. Again he turns towards East and walks 2 km. How far from the starting point?
- ★
- a. 10 km b. 13 km
c. 15 km d. 17 km

MTP Nov 21

- (9) When a person faces north and walks 25 m right, and he turns left and walks 20 m and again he turns right and walks 25 m and turns right 25 m and turns right and walks 40 m in which direction is he now from his starting point.
- a. North-West b. North-East
c. South-East d. South-West
- Note: Incorrect Ans in MTP

MTP Dec 2022 – Series I

- (10) From home Neha goes towards North for her college and then she turns left and then turns right, and finally she turns left and reaches college. In which direction her college is situated with respect to her home?
- a. South-West b. North-East
c. North-West d. South-East

MTP Dec 22 Series II

- (11) Varun faces towards north. Turning to his right, he walks 25 meters. He then turns to his left and walks 30 meters. Next, he moves 25 meters to his right. He then turns to his right again and walks 55 meters. Finally he turns to the right and moves 40 meters. In which direction is he now from his starting point?
- ★
- a. South-East b. South-West
c. South d. North-West

MTP Dec 22 Series II

- (12) A man walks 5 km south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?
- a. East b. South
c. North – East d. South - West

Answer Key

1 c	2 a	3 c
4 c	5 b	6 d
7 c	8 b	9 c
10 c	11 a	12 d

Other Problems

Past Year Questions

PYQ May 18

- (1) I stand with my right hand extended side-ways towards south. Towards which direction will my back be?
- a. North b. West
c. East d. South

PYQ Nov. 20

- (2) One day, Ram left home and cycled 10 km southward, turned right and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometers will he have to cycle to reach his home straight?
- ★
- a. 10 b. 15
c. 20 d. 25

Other Problems

Mock Test Paper Questions

MTP Nov 18

- (1) I stand with my right hand extended side-ways towards South. Towards which direction will my back be?
- a. North b. West
c. East d. South

MTP Nov 19

- (2) Town D is 12 km towards the North of A. Town C is 15 km towards the West of town D. Town B is 15 km towards the west of town A, how far and which direction is town B from town C?
- a. 15 Km towards North
b. 12 Km towards North
c. 3 km towards South
d. 12 km towards South

MTP May 20

- (3) Ram start moving from a point, facing in East direction. After walking 15 m, he turned to his left and walked 25m, before turning to his right. Then, he walked a distance of 35 m, then turned to his right and stop after walking further a distance of 25 m. Find how far Ram is from his starting point.
- a. 20 m b. 50 m
c. 15 m d. 15 m

MTP Nov 20

- (4) If East is replaced by South-East, then West will be replaced by which replaced by which of the following directions?
- a. North-East
b. North
c. East
d. North-West

MTP Nov 20

- (5) Hema walks 30 km North. Then, she turns right and walks 30 m then she turns right and walks 55 m. Then she turns left and walks 20 m. Then she again turns left and walks 25 m. How many meters away is she from her original position.
- a. 45m b. 50m
c. 66m d. 55m

MTP March 21

- (6) One evening before sunset, two friends Ravi and Raj were talking to each other face to face. If Ravi's shadow was exactly to his left side, which direction was Raj facing?
- a. West b. East
c. North d. South

MTP March 21

- (7) If South-West becomes North, then what will be the North-East be?
- a. North b. South-East
c. South d. East

MTP Apr 21

- (8) I stand with my right hand extended side-ways towards south. Towards which direction will my back be?
- a. North b. West
c. East d. South

MTP Nov 21

- (9) Kamal starts from point 'O' and moved towards North 2 km, then he turns right and moved 4 km again he turned towards North and walked up to 1 km reached at A. Find the distance between OA.
- a. 6 b. 7
c. 4 d. 5

MTP Nov 21

- (10) Raju Walked from A to B in the east 10 m, then he turns towards right and walked 3 m. Again, he turned to the right and walked 14 m. how far is from is she from point A?
- a. 4 feet b. 5 feet
c. 12 feet d. 13 feet

MTP Oct 21

- (11) Ravi wants to go to the College. He starts from his home, which is in the East and comes to a crossing. The road to the left ends in a theatre, straight ahead is the hospital. In which direction is the College if college is neither in direction of theatre nor in the direction of hospital?
- a. North b. South
c. East d. West

Note: Que and Ans - not correct in MTP

MTP Dec 22 Series II

- (23) Neha walked 2 km west of her house and then turned south covering 4 km. Finally, she moved 3 km towards east and then again 1 km west. How far is she from her initial position?
- a. 7 km b. 3 km
c. 4 km d. 12 km

MTP June 2023 Series I

- (24) Ram moves towards South – East a distance of 7 km, then he moves towards West and travels a distance of 14 km from there he moves towards North – West a distance of 7 km and finally he moves a distance of 4 km towards east. How far is he now from the starting point?
- a. 3 km b. 4 km
c. 10 km d. 11 km

MTP June 2023 Series I

- (25) P, Q, R, and S are playing a game of carom P, R and S, Q are partners, 'S' is to the right of 'R'. If 'R' is facing West, then 'Q' is facing which direction?
- a. South b. North
c. East d. West

MTP June 2023 Series I

- (26) One morning a boy starts walking in a particular direction for 5 km and then takes a left turn and walks another 5 km, thereafter he again takes left turn and walks another 5 km and at last he takes right turn and walks 5 km. Now he sees his shadow is front of him. What direction he did start initially?
- a. South b. North
c. West d. East

MTP June 2023 Series I

- (27) It is 3'o clock in a watch. If the minute hand points towards the North – East then the hour hand will point towards the
- a. South b. South – West
c. North – West d. South - East

MTP June 2023 Series II

- (28) Ram walks 30 km East then turns right and walks for another 16 km. He then again turns right and walks for another 16 km. He then turns left & walks for another 14 km. Then he turns right & walks for 14 km. How far is he from his initial point?
- a. 26 km b. 24 km
c. 22 km d. None of these

MTP June 2023 Series II

- (29) If South – East becomes North, North – East becomes West and so on. What will West become?
- a. North – East b. North – West
c. South – East d. None

MTP June 2023 Series II

- (30) One evening before sunset Rekha and Hema were talking to each other face to face. If Hema's shadow was exactly to the right of Hema, which direction was Rekha facing?
- a. North b. South
c. West d. East

Answer Key

1 b	2 d	3 b
4 d	5 b	6 c
7 c	8 b	9 d
10 b	11 a	12 c
13 c	14 c	15 b
16 c	17 d	18 d
19 d	20 c	21 c
22 c	23 c	24 c
25 b	26 c	27 d
28 d	29 c	30 b

Chapter 11 – Seating Arrangements

Linear Arrangements in single row

Past Year Questions

PYQ May 18

- 1) Five boys A, B, C, D and E are sitting in a row. A is to the right of B and E is to the left of B but to the right of C. A is to the left of D. Who is second from the left end?
- a. D b. A
c. E d. B

PYQ May 18

- 2) Five senior citizens are living in a multi-storied building. Mr. Manu lives in a flat above Mr. Ashokan, Mr. Lokesh in a flat below Mr. Gaurav, Mr. Ashokan lives in a flat above Mr. Gaurav and Mr. Rakesh lives in a flat below Mr. Lokesh. Who lives in the topmost flat?
- a. Mr. Lokesh b. Mr. Gaurav
c. Mr. Manu d. Mr. Rakesh

PYQ May 18

- 3) Six children A, B, C, D, E and F are standing in a row. B is between F and D. E is between A and C. A does not stand next to F or D. C does not stand next to D. F is between which of the following pairs of children?
- a. B and E b. B and C
c. B and D d. B and A

PYQ May 18

- 4) Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R, who is sitting on the extreme left and T is not sitting next to K. Who is/are adjacent to S.
- a. K + P b. R + P
c. Only P d. P and T

PYQ Nov. 18

- 5) Eight persons A, B, C, D, E, F, G and H are sitting in a line. E sits second right to D. H sits fourth left to D. C and F are immediate neighbours, but C is not immediate neighbour of A. G is not neighbour of E. Only two persons sit between A and E. The persons on left end and right end respectively are:
- a. G and E b. B and E
c. H and E d. G and B

PYQ May 18, PYQ Nov. 18

- (6) Six children A, B, C, D, E and F are sitting in a row. B is between F and D. E is between A and C. However, A does not sit to F or D. C does not sit next to D. Then, F is sitting between
- a. B and C b. E and C
c. B and D d. None of these

PYQ Nov. 18

- (7) Five students A, B, C, D and E are standing in a row. D is on the right of E, B is on the left of E but on the right of A. D is next to C on his left. The student in middle is
- a. B b. E
c. C d. A

PYQ June 19

- (8) Four girls are seated for a photograph. Shikha is to the left of Reena. Manju is to the right of Reena. Reeta is between Reena and Manju. Who is the second left in photograph?
- a. Reena b. Manju
c. Reeta d. Shikha

PYQ June 19

- (9) In a straight line, there are six persons sitting in a row. B is between F and D. E is between A and C. A does not stand next to F or D, C does not stand next to D. F is between which of the following persons?
- a. B and E b. B and C
c. B and D d. B and A

PYQ June 19

- (10) Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R. K is sitting on extreme end. T is not sitting next to K. Who are sitting adjacent to S?
- a. K and P b. R and P
c. Only P d. P and T

PYQ June 19

- (11) Five boys A, B, C, D and E are sitting in a row. A is to the right of B and E is to the left of B but to the right of C. A is to the left of D. Who is second from the left end?
- a. D b. A
c. E d. B

PYQ Nov. 19

- (12) Six persons are sitting in a circle facing the center. Parikh is between Bablu and Narendra; Ashok is between Chitra and Pankaj. Chitra is on the immediate left of Bablu. Who is on the immediate right of Bablu?
- a. Parikh b. Pankaj
c. Narendra d. Chitra

PYQ Nov. 19

- (13) C is between A and B, E is at the extreme right and D is on the left of E and right of B. Who is in the middle?
- a. A b. B
c. D d. E

PYQ Nov. 19

- (14) 5 persons are standing in a line. One of the 2 persons at the extreme ends is a professor and the other is a businessman. An advocate is standing to the right of a student. An author is to the left of the businessman. The student is standing between the professor and advocate. Counting from left, the author is at which place?
- ☆
- a. 2nd b. 3rd
c. 4th d. None of these

PYQ Nov. 20

- (15) Five girls G, H, I, J, K are sitting in a row facing South not necessarily in the same order
- ☆ H is sitting between G and K, I is immediate right to K, J is immediate to the left of K.
- a. J is third to the left of K.
b. G is second to the left of I
c. H is to the right of K
d. H is to the left of G

PYQ Jan. 21

- (16) A is seated between D and F at a round table. C is seated opposite to D. E is round adjacent to D. Who sits opposite to B?
- a. A b. D
c. C d. F

PYQ Jan. 21

- (17) Four Indians, A, B, C and D and four Chinese, E, F, G and H are sitting in a circle around a table facing each other in a conference. No two Indians or Chinese are sitting side by side, C who is sitting between G and E is facing D, F is between D and A and facing G, H is to the left of B. Who is sitting left of A?
- a. E b. F

c. G d. H

PYQ Jan. 21

- (18) Five friends A, B, C, D and E are sitting on a bench. A is sitting next to B; C is sitting next to D, D is not sitting with E; E is at the left end of the bench. C is on second position from the right; A is on the right side of B who is the right side of E. A and C are sitting together. What is the position of B?
- a. Second from right
b. Centre
c. Extreme left
d. Second from left

PYQ July 21

- (19) Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is sitting immediate right to Reeta?
- a. Seema b. Rani
c. Bindu d. Mary

PYQ July 21

- (20) A, B, C, D and E are sitting on the bench. A is sitting next to B, C is sitting next to D, D is not sitting with B who is not on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together in which position A is sitting between?
- ☆
- a. C and D b. D and E
c. B and C d. B and D

PYQ July 21

- (21) A, B, C, D, E, F and G are sitting in a row facing north:
1. F is to the immediate right of E.
 2. E is 4th to the right of G
 3. C is the neighbor of B and D
 4. Person who is third to the left of D is at one of ends.
- Who are to the right of D?
- a. E, F and A
b. G, B and C
c. C, B and E
d. G and B only

- (22) Six children, named as P, Q, R, S, T and U, are sitting in a row, Q is between U and S, T is between P and R, P does not sit next to either U or S. R does not sit next to S. So, U is sitting between the pairs _____ of children.
- a. Q and T b. Q and R
c. Q and S d. Q and P

PYQ Dec. 21

- (23) Five persons A, B, C, D and E are sitting in a row. A sits left to C and C sits left to B. E sits right to B, D sits in between E and B. Who is sitting in the middle?
- a. B b. C
c. E d. D

PYQ Dec. 21

- (24) Persons M, N, O, P, Q, R, S and T are sitting on a compound wall facing North. O sits fourth left of S; P sits second to the right of S; only two people sit between P and M; N and R are immediate neighbours of each other. N is not an immediate neighbour of M; T is not the neighbour of P. How many persons are seated between M and Q?
- a. One b. Two
c. Three d. Four

PYQ Dec. 21

- (25) In a line, P is sitting 13th from left. Q is sitting 24th from the right and 3rd left from P. How many people are sitting in the line?
- ☆ a. 34 b. 31
c. 32 d. 33

PYQ June 22

- (26) Five boys A, B, C, D, E are sitting in a row. A is to the right of B and E is to the left of B, but to the right of C. A is to the left of D. Who is second from the left end?
- a. D b. A
c. E d. B

PYQ Dec 22

- (27) P, Q, R, and S are playing a game of carrom. P, R and S, Q are partners, 'S' is to the right of 'R'. If 'R' is facing West, then 'Q' is facing which direction?
- ☆ a. South b. North
c. East d. West

PYQ Dec 22

- (28) P, Q, R, S and T are sitting in a line facing West. P and Q are sitting together. R is sitting at South end and S is sitting at North end. T is neighbor of Q and R. Who is sitting the middle?
- ☆ a. P b. Q
c. R d. S

PYQ Dec. 21

- (29) Seven friends A, B, C, D, E, F & G are watching movie sitting in a row. E is sitting at one extreme end. C is sitting second to E. B is sitting between A & C. G is not sitting at any extreme end. A is not at any extreme end. D is sitting immediate to F, who is sitting in the middle?
- ☆ a. G b. D
c. C d. B

PYQ Jun 23

- (30) Pran, Qomal, Ravi, Shalu, Trilok, Urvi, Vasu and Walter are sitting in a row facing North.
- (i) Pran is fourth to the right of Trilok
(ii) Walter is fourth to the left of Shalu
(iii) Ravi and Urvi, which are not at the ends, are neighbours of Qomal and Trilok, respectively.
(iv) Walter is immediate left of Pran and Pran is the neighbour of Qomal.
- Identify who are sitting at extreme ends
- a. Pran and Walter
b. Trilok and Urvi
c. Trilok and Shalu
d. Shalu and Pran

PYQ Dec. 21

- (31) Six friends – A, B, C, D, E and F are sitting around a circular table facing towards the centre of the circle. E is not sitting between B and D. A sits to the left of F and C is fourth to the right of A. D is immediate right of E. Who sits second to right to F?
- a. C b. A
c. D d. B

Answer Key

1 c	2 c	3 b
4 d	5 a	6 a
7 b	8 a	9 b
10 d	11 c	12 a
13 b	14 c	15 a
16 a	17 a	18 d
19 d	20 c	21 a
22 b	23 a	24 a
25 d	26 c	27 b
28 b	29 d	30 c
31 c		

Linear Arrangements in single row

Mock Test Paper Questions

MTP May 18

- (1) There are five houses P, Q, R, S and T. P is right of Q and T is left of R and right of P. Q is right of S. Which house is in the middle?
- a. P b. Q
c. T d. R

MTP May 18

- (2) Six friends A, B, C, D, E and F are sitting in a row facing towards North, C is sitting between A and E, D is not at the end, B is sitting at immediate right of E, F is not at the right end, but D is sitting at 3rd left of E. Which of the following is sitting to the left of D?
- a. A b. F
c. E d. C

MTP Nov 18

- (3) There are Five houses A, B, C, C, D, E, A is the right of B and E is left of C and right of A, B is right of D, which house is middle
- a. A b. B
c. C d. D

MTP Nov 18

- (4) Girls are sitting on a bench, Q is the left of R but on the right of P. S is to be right of R but one left of T. Who are the extremes.
- a. P, T b. P, S
c. Q, T d. Q, S

MTP Nov 18

- (5) Five friends P, Q, R, S and T are sitting in a row facing North. Here, S is between T and Q and Q is to the immediate left of R. P is to the immediate left of T. Who is in the middle?
- a. S b. T
c. Q d. R

MTP Nov 18

- (6) In a march past, seven persons are standing in a row. Q is standing left to R but right to P. O is standing right to N and left to P. Similarly, S is standing right to R and left to T. Find out who is standing in middle?
- a. P b. Q
c. R d. O

MTP May 19

- (7) Six children A, B, C, D, E and F are sitting in a row. B is between F and D. E is between A and C. However, A does not stand next to F or D. C does not stand next to D. F is between which of the following pairs of children?
- a. B and E b. B and C
c. B and D d. B and A

MTP May 19

- (8) Five students are A, B, C, D and E are standing in arrow. D is on the right of E; B is on the left of E but on right of A. D is next to C on his left. The student in middle is
- a. B b. A
c. E d. C

MTP May 19 Series II

- (9) In a college party, 5 girls are sitting in a row. F is to the left of M and to the right of O. R is sitting to the right of N but to the left of O. Who is sitting in the middle?
- a. O b. R
c. P d. M

MTP May 19 Series II

- (10) Five friends P, Q, R, S and T are sitting in a row facing North. Here, S is between T and Q and Q is to the immediate left of R. P is to the immediate left of T. Who is in the middle?
- a. S b. T
c. Q d. R

MTP Nov 20

- (19) In a straight line there are six persons sitting in a row? B is between F and D. E is between A and C. A does not stand next to F or D, C does not stand next to D. F is between which of the following?
- B and E
 - B and C
 - B and D
 - B and A

MTP March 21

- (20) Six children A, B, C, D, E and F are sitting in a row facing north. B is between F and D. E is between A and C. A does Not Stand next to F and D. C does not stand next to D. F is between which of the following pairs of children?
- B and E
 - B and C
 - B and D
 - B and A

MTP March 21

- (21) Five boys A, B, C, D and E are sitting in a row facing north. A is to the immediate right of B and E is on the immediate left of B but on the right of C and A is on the left of D. Who is second from the left end?
- D
 - A
 - E
 - B

MTP Apr 21

- (22) In a straight line there are six person sitting in a row? B is between F and D. E is between A and C. A does not stand next to either F or D, C does not stand next to D. F is between which of the following?
- B and E
 - B and C
 - B and D
 - B and A

MTP Apr 21

- (23) Five boys A, B, C, D and E are sitting in a row. A is to the right of B and E is to the left of B but to the right of C. A is to the left of D. Who is second from left end
- A
 - B
 - D
 - E

MTP Nov 21

- (24) Five students A, B, C, D, and E are standing in a row. D is right on the E; B is on the left of E but on the right of A. D is next to C on his left. The student in middle is
- B
 - E
 - C
 - A

MTP Nov 21

- (25) Five children are sitting in row. S is sitting next to P but not T. K is sitting next to R, who is sitting on the extreme left and t is not sitting next to K. Who are adjacent to S.
- K+P
 - R+P
 - Only P
 - P and T

MTP Oct 21

- (26) A group of seven singers, facing the audience, are standing in a line on the stage as follow.

- ☆
- D is the right of C.
 - F is stand beside G.
 - B is to the left of F.
 - C and B are one person between them.
 - A and D have one person between them

Who is sitting on the second from extreme right?

- D
- F
- G
- E

Note: Incomplete Que in MTP (Corrected here)

MTP March 22

- (27) 1. P, Q, R, S, T, U and V are sitting on a wall and all of them are facing West.
- ☆
- S is on the immediate left of R.
 - T is at an extreme end and has Q as his neighbor.
 - V is between Q and U.
 - S is sitting third from the north end.
- Who is sitting to the left of S ?
- Q
 - U
 - T
 - R

MTP March 22

- (28) 1. P, Q, R, S, T, U and V are sitting on a wall and all of them are facing West.
- S is on the immediate left of R.
 - T is at an extreme end and has Q as his neighbor.
 - V is between Q and U.
 - S is sitting third from the north end.
- Which of the following pairs of people are sitting at the extreme ends?
- QV
 - PR
 - TP
 - ST

MTP March 22

- 1) Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is sitting immediate right to Reeta?
- a. Bindu b. Rani
c. Mary d. Seema

MTP June 22

- 2) Six students are sitting in row in an examination hall. K is sitting between V and R. V is sitting next to M. M is sitting next to B. B is sitting extreme left and Q is sitting next to R. Who is sitting adjacent to V?
- a. M and R b. M and K
c. K and R d. M and Q

MTP June 22

- 1) There are 3 females A, B and E and 4 males C, D, F, and G standing in a straight line. No two females are together. B is to right of C, F and D are not together as A is placed between them. G is not near B or E but E and F are together. D is not to the right of B.
- Who are in the extreme ends?
- a. G and B b. C and F
c. B and D d. None of these

MTP June 22

- 2) There are 3 females A, B and E and 4 males C, D, F, and G standing in a straight line. No two females are together. B is to right of C, F and D are not together as A is placed between them. G is not near B or E but E and F are together. D is not to the right of B. Who is exactly in the middle?
- a. A b. F
c. E d. None of these

MTP June 22

- 33) Seven persons A, B, C, D, E, F and G are sitting in a straight line (not necessarily in the same order) facing North
1. Only two persons sit between F and G and G sits second to the left of B.
 2. D sits third to the left of C
 3. E sits exactly between G and B and B sits at the extreme right end of the row.
- Who amongst the following sits at the extreme left on the line?
- a. F b. D

c. C d. E

MTP June 22

- (34) Seven persons A, B, C, D, E, F and G are sitting in a straight line (not necessarily in the same order) facing North
1. Only two persons sit between F and G and G sits second to the left of B.
 2. D sits third to the left of C
 3. E sits exactly between G and B and B sits at the extreme right end of the row.

Who amongst the following sits exactly middle of the line?

- a. A b. C
c. E d. G

MTP Dec 22 - Series I

- (35) Six friends A, B, C, D, E, and F are sitting in a row facing north. C is sitting between A and E. D is not at the end. B is sitting at the immediate right of E. F is not at the right end but D is sitting at 3rd left of E.

How many persons are there to the right of D?

- a. One b. Two
c. Three d. Four

MTP Dec 22 - Series I

- (36) Six friends A, B, C, D, E, and F are sitting in a row facing north. C is sitting between A and E. D is not at the end. B is sitting at the immediate right of E. F is not at the right end but D is sitting at 3rd left of E.

Which of the following is sitting to the left of D?

- a. F b. C
c. E d. A

MTP Dec 22 - Series I

- (37) Six friends A, B, C, D, E, and F are sitting in a row facing north. C is sitting between A and E. D is not at the end. B is sitting at the immediate right of E. F is not at the right end but D is sitting at 3rd left of E.

Who is at the immediate left of C?

- a. A b. E
c. Either E or A d. Not determine

MTP Dec 22 – Series I

- (38) Five persons are sitting on a bench to be photographed, S is to the left of N and to the right of B. M is to the right of N. R is between N and M. Who is sitting immediately right of R.
- | | |
|------|------|
| a. B | b. N |
| c. M | d. S |

MTP Dec 22 Series II

- (39) A, P, R, X, S and Z are sitting in a row. S and Z are in the center. A and P are at the ends. R is sitting to the left of A. Who is to the right of P?
- | | |
|------|------|
| a. A | b. X |
| c. S | d. Z |

MTP Dec 22 Series II

- (40) A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting?
- | |
|--------------------|
| a. Between B and D |
| b. Between B and C |
| c. Between E and D |
| d. Between C and E |

MTP Dec 22 Series II

- (41) There are four children P, Q, R, S sitting in a row. P occupies seat next to Q but not next to R. If R is not sitting next to S? Who is occupying seat next to adjacent to S.
- | | |
|------------|------------------|
| a. Q | b. P |
| c. P and Q | d. None of these |

MTP Dec 22 Series II

- (42) Five persons are standing in a line. One of the two persons at the extreme ends is a professor and the other a businessman. An advocate is standing to the right of a student. An author is to the left of the businessman. The student is standing between the professor and the advocate. Counting from the left, the advocate is at which place?
- | | |
|--------------------|--------------------|
| a. 1 st | b. 2 nd |
| c. 3 rd | d. 5 th |

MTP June 2023 Series I

- (43) Five students are standing in a circle. Abhinav is between Alok and Ankur. Apurva is on the left of Abhishek. Alok is on the left of Apurva. Who is sitting next to Abhinav on his right?
- | | |
|-------------|----------|
| a. Apurva | b. Ankur |
| c. Abhishek | d. Alok |

MTP June 2023 Series I

- (44) P, Q, R, S and T are seated in a line facing west. R is sitting at north end and S is sitting at south end. T is neighbour of R and Q. P and Q are seated together, then who is sitting the middle?
- | | |
|------|------|
| a. P | b. Q |
| c. R | d. S |

MTP June 2023 Series I

- (45) Suresh's sister is the wife of Ram, Ram is Rani's brother. Rani's father is Madhur, Sheetal is Ram's grandmother, Rema is Sheetal's daughter-in-law. Rohit is Rani's brother's son. Who is Rohit to Suresh?
- | | |
|-------------------|-----------|
| a. Brother-in-law | b. Son |
| c. Brother | d. Nephew |

MTP June 2023 Series I

- (46) Six friends A, B, C, D, E and F are sitting in a row facing East. C is between A and E. B is just to the right of E but left of D. F is not at the right end. Who is at the right end?
- | | |
|------|------|
| a. D | b. B |
| c. E | d. C |

MTP June 2023 Series II

- (47) Six friends A, B, C, D, E and F are sitting in a row facing towards North. C is sitting between A and E. D is not at the end. B is sitting at immediate right of E. F is not at the right end but D is sitting at 3rd left of E. How many persons are there to the right of D?
- | | |
|----------|---------|
| a. One | b. Two |
| c. Three | d. Four |

MTP June 2023 Series II

- (48) Six friends A, B, C, D, E and F are sitting in a row facing towards North. C is sitting between A and E. D is not at the end. B is sitting at immediate right of E. F is not at the right end but D is sitting at 3rd left of E. Which of the following is sitting to the left of D?
- | | |
|------|------|
| a. F | b. C |
| c. E | d. A |

Answer Key

1 a	2 b	3 a
4 a	5 a	6 b
7 b	8 c	9 a
10 a	11 c	12 c
13 a	14 d	15 d
16 a	17 c	18 c
19 b	20 b	21 c
22 b	23 d	24 b
25 d	26 b	27 b
28 c	29 c	30 b
31 a	32 b	33 b
34 b	35 d	36 a
37 a	38 c	39 b
40 b	41 b	42 c
43 d	44 b	45 d
46 a	47 d	48 a

Linear Arrangements in two rows

Past Year Questions

PYQ Nov. 18

- (1) Six flats on a floor in two rows facing North and South are allotted to P, Q, R, S, T and U. Q gets a North facing flat and it is not next to S. S and U get diagonally opposite flat. R next to U gets a South facing flat and T gets a North facing flat. Whose flat is between Q and S?

a. T b. U
c. R d. P

PYQ July 21

- (2) Six friends P, Q, R, S, T and U are sitting around the hexagonal table each at one corner and are facing the center of the hexagonal. P is second to the left of U. Q is neighbor of R and S. T is second to the left of S. Which one is sitting opposite to S?

a. R b. P
c. Q d. S

PYQ June 22

- (3) If six person are sitting in a hexagonal table are P, Q, R, S, T, U each facing the center. P is seated to opposite to Q who is b/w R & S. P is b/w T and U. T is the left of S. Which of them is facing R?

a. P b. Q
c. U d. T

PYQ Dec 22

- (4) Six persons A, B, C, D, E and F are sitting in two rows with three persons in each row. Both rows are in front of each other. E is not at the end of the any row and D is second left to the F, C is neighbor of E and diagonally opposite to D. If B is neighbor of F who is in front of C then who is sitting diagonally to F?

a. C b. E
c. A d. D

Answer Key

1 a 2 b 3 d
4 c

Linear Arrangements in two rows

Mock Test Paper Questions

MTP May 19

- (1) Eight persons P to W are sitting in front of one another in two rows. Each row has four persons. P is between U and V and facing North. Q, who is to the immediate left of M is facing W. R is between T and M and W is to the immediate right of V. Who is sitting in front of R?

a. U b. Q
c. V d. P

MTP May 19

- (2) Who is to the immediate right of R?

a. M b. U
c. M OR P d. T

MTP May 19

- (3) In which of the following pairs, persons are sitting in front of each other?

a. MV b. RV
c. TV d. UR

MTP May 19 Series II

- (4) Eight person's P to W are sitting in front of one another in two rows. Each row has four persons. P is between U and V and facing North. Q, who is to the immediate left of M is facing W. R is between T and M and W is to the immediate right of V.

Who is sitting in front of R?

a. U b. Q
c. V d. P

MTP May 19 Series II

(5) Eight person's P to W are sitting in front of one another in two rows. Each row has four persons. P is between U and V and facing North. Q, who is to the immediate left of M is facing W. R is between T and M and W is to the immediate right of V.

Who is to the immediate right of R?

- a. M
- b. U
- c. M or T
- d. None of these

MTP May 19 Series II

(6) Eight person's P to W are sitting in front of one another in two rows. Each row has four persons. P is between U and V and facing North. Q, who is to the immediate left of M is facing W. R is between T and M and W is to the immediate right of V.

In which of the following pairs, persons are sitting in front of each other?

- a. MV
- b. RV
- c. TV
- d. UR

MTP Apr 21

(7) Six flats on a floor in two rows facing North and South are allotted to P, Q, R, S, T and U. If Q gets a North facing flat and is not next to S. S and U get diagonally opposite flat. R is next to U gets a south facing flat and T gets North facing flat. Whose flat is between Q and S?

- a. T
- b. U
- c. R
- d. P

MTP Apr 21

(8) 8 Persons A, B, C, D, E, F, G and H are sitting in two rows opposite to each other. Each row has four persons. B and C are sitting in front of each other. C is between D and E. H is sitting immediate left of E. H and F are diagonally opposite. G and B are not near to each other. Who is in front of A?

- a. E
- b. D
- c. C
- d. B

MTP June 2023 Series I

(9) Six persons A, B, C, D, E and F are sitting in two rows with three persons in each row. Both rows are in front of each other. E is not at the end of the any row and D is second left to the F, C is neighbour of E and diagonally opposite to D. If B is neighbour F who is in front of C then who is sitting diagonally to F?

- a. C
- b. E

c. A d. D

Answer Key

1	d	2	d	3	a
4	d	5	d	6	a
7	a	8	a	9	c

Circular Arrangements

Past Year Questions

PYQ Nov. 20

(1) Eight friends I, J, K, L, M, N O and P are sitting in a circle facing the centre. J is sitting between O and L; P is third to the left of J and second to the right of I; K is sitting between I and O; J and M are not sitting opposite to each other. Which of the following statements is not correct?

- a. K is sitting third to the right of L
- b. I is sitting between K and N
- c. L and I are sitting opposite to each other
- d. M is sitting between N and L

PYQ Jan. 21

(2) A, B, C and D are playing cards. A and B are partners. D faces towards North. If A faces West, then who faces south?

- a. C
- b. B
- c. D
- d. Data is inadequate

PYQ Dec. 21

(3) Four ladies A, B, C and D four Gentlemen E, F, G and H are sitting in a circle around a table facing each other.

1. No two ladies or gentlemen are sitting side by side.
2. C, who is sitting between G and E, is facing D.
3. F is between D and A facing G.
4. H is to the right of B.

Who is immediate neighbour of B?

- a. G and H
- b. E and F
- c. E and G
- d. A and B

Answer Key

1	d	2	a	3	a
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Circular Arrangements

Mock Test Paper Questions

MTP May 18

- (1) Six girls are standing in such a way that they form a circle, facing the centre. Subbu is to the left of Pappu, Revathi is between Subbu and Nisha, Aruna is between Pappu and Keerthna. Who is to the right of Nisha?

- a. Ravathi b. Aruna
c. Subbu d. Keerthna

MTP Nov 18

- (2) 1. Six friends A, B, C, D, E and F are sitting in a closed circle facing the center.
2. E is to the left of D.
3. C is between A and B.
4. F is between E and A
Who is to the left of B?

- a. A b. C
c. D d. E

MTP Nov 18

- (3) 1. Six friends A, B, C, D, E and F are sitting in a closed circle facing the center.
2. E is to the left of D.
3. C is between A and B.
4. F is between E and A
Who is to the right of C?

- a. A b. B
c. C d. D

MTP Nov 19

- (4) Four girls are A, B, C and D are sitting around a circle facing the center. B and C are in front of each other, which of the following is definitely true?

- a. A and D are in front of each other
b. A is not between B and C
c. D is to the left of C
d. A is to the left of C

MTP Nov 20

- (5) Five people A, B, C, D and E are seated about a round table. Every chair is spaced equidistant from adjacent chairs.
I. C is seated next to A
II. A is seated two seats from D.
III. B is not seated next to A.

Which of the following must be true?

- (I) D is seated next to B.
(II) E is seated next to A.
Select the correct answer from the codes given below:

- a. Only I
b. Only II
c. Both I and II
d. Neither I nor II

MTP Nov 20

- (6) Directions to solve
(a) P, Q, R, S, T, U, V and W are sitting round the circle and are facing the Centre
★ (b) P is second to the right of T who is the neighbor of R and V.

- (c) S is not neighbour of P
(d) V is neighbour of U
(e) Q is not between S and W, W is not between U and S

Who is two of the following are not neighbor

- a. RV
b. UV
c. RP
d. QW

MTP March 21

- (7) Eight friends A, B, C, D, E, F, G and H are sitting in circle facing the center. B is sitting G and D. H is third to the left of B and second to the right of A. C is sitting between A and G and B and E are not sitting opposite to each other?

Who is third to left of D?

- a. F
b. E
c. A
d. Cannot be determined

MTP March 21

- (8) Eight friends A, B, C, D, E, F, G and H are sitting in circle facing the center. B is sitting G and D. H is third to the left of B and second to the right of A. C is sitting between A and G and B and E are not sitting opposite to each other?

Who is sitting between H and D?

- a. F
b. E
c. A
d. Cannot be determined

MTP Apr 21

- (9) Directions to solve:
- (a) P, Q, R, S, T, U, V and W are sitting round the circle and are facing the Centre
- (b) P is second to the right of T who is the neighbor of R and V.
- (c) S is not neighbour of P
- (d) V is neighbour of U
- (e) Q is not between S and W, W is not between U and S
- Who is two of the following are not neighbor
- RV
 - UV
 - RP
 - QW

MTP Nov 21

- (10) (a) P, Q, R, S, T, U, V and W are sitting round the circle and facing the center.
- (b) P is second to the right of T who is neighbour of R and V.
- (c) S is not the neighbour of U.
- (d) V is neighbour of U.
- (e) Q is not between S and W. W is not between U and S. Who is immediate left of V?
- P
 - U
 - R
 - T

MTP Nov 21

- (11) (a) P, Q, R, S, T, U, V and W are sitting round the circle and facing the center.
- (b) P is second to the right of T who is neighbour of R and V.
- (c) S is not the neighbour of U.
- (d) V is neighbour of U.
- (e) Q is not between S and W. W is not between u and S
- What is the position of R?
- Between P and T
 - Second to the right of S
 - to the immediate right of W
 - inadequate data

MTP Nov 21

- (12) (a) P, Q, R, S, T, U, V and W are sitting round the circle and facing the center.
- (b) P is second to the right of T who is neighbour of R and V.
- (c) S is not the neighbour of U.
- (d) V is neighbour of U.
- (e) Q is not between S and W. W is not between u and S

Which are not following are not neighbour

- UV
- VT
- RV
- PQ

MTP Oct 21

- (13) P, T, V, R, M, D, K and W are sitting around a circle table facing the centre. V is second to the left of T. T is fourth to the right of M. D and P are not immediate neighbours of T. D is third to the right of P. W is not an immediate neighbour P. P is to the immediate left of K.
- Who is Second to the left of K?
- P
 - R
 - M
 - W

MTP Oct 21

- (14) P, T, V, R, M, D, K and W are sitting around a circle table facing the centre. V is second to the left of T. T is fourth to the right of M. D and P are not immediate neighbours of T. D is third to the right of P. W is not an immediate neighbour P. P is to the immediate left of K.
- Who is the immediate left of V?
- D
 - M
 - W
 - None of these

MTP Oct 21

- (15) P, T, V, R, M, D, K and W are sitting around a circle table facing the centre. V is second to the left of T. T is fourth to the right of M. D and P are not immediate neighbours of T. D is third to the right of P. W is not an immediate neighbour P. P is to the immediate left of K.
- What is R's Position with respect to V?
- Second to the right
 - Fifth to the right
 - Third to the left
 - Second to the left

MTP March 22

- (16) Four ladies A, B, C and D and four gentlemen E, F, G and H are sitting in circle around a table facing each other
- No two ladies or gentlemen are sitting side by side
 - C, who is sitting between G and E, facing D
 - F is between D and A and facing G
 - H is to the right of B
- Who is immediate neighbor of B?
- G and H
 - E and F
 - A and B
 - None

Chapter 12 - Blood Relations

Regular Questions

Past Year Questions

PYQ May 18

- (1) A reads a book and find the name of the author familiar. The author 'B' is the paternal uncle of C. C is the daughter of A. How is B related to A?
- a. Brother b. Sister
c. Father d. Uncle

PYQ May 18

- (2) P and Q are brothers R and S are sisters. P's son is R's brother. How is Q related to R?
- a. Uncle b. Brother
c. Father d. Grandfather

PYQ Nov. 18

- (3) Six persons are seen together in a group. They are A, B, C, D, E and F. B is the brother of D, but D is not brother of B. F is the brother of B, C and A are married together. F is son of C, but C is not the mother of F. E is the brother of A. The number of female members in the group is:
- a. 1 b. 2
c. 3 d. 4

PYQ Nov. 18

- (4) Ram and Mohan are brothers, Shankar is Mohan's father. Chhaya is Shankar's sister. Priya is Shankar's niece. Shubhra is Chhaya's granddaughter. How is Ram related to Shubhra?
- a. Brother b. Uncle
c. Cousin d. Nephew

PYQ Nov. 19

- (5) A, B, C, D, E and F are members of a family. B is the son of A but A is not the mother of B, A and C are married couple. F is the brother of A. D is the sister of B, E is the son of C. How many male members are there in the family.
- a. 1 b. 2
c. 3 d. 4

PYQ Nov. 19

- (6) A, B, C, D, E and F are members of a family. B is the son of A but A is not the mother of B, A and C are married couple. F is the brother of A. D is the sister of B, E is the son of C. How is F related to B?
- a. Uncle b. Daughter
c. Son d. Niece

PYQ Nov. 19

- (7) A, B, C, D, E and F are members of a family. B is the son of A but A is not the mother of B, A and C are married couple. F is the brother of A. D is the sister of B, E is the son of C. How many children does A have?
- a. 3 b. 2
c. 4 d. 1

PYQ Nov. 20

- (8) Vicky introduces John as the son of the only brother of his father's wife. How is Vicky related to John?
- a. Son b. Cousin
c. Uncle d. Brother

PYQ Jan. 21

- (9) P is the brother of Q and R, S is the mother of R. T is the father of P, which of the following statement cannot be definitely true?
- a. S is the mother of P
b. P is son of S
c. T is husband of S
d. Q is son of T

PYQ July 21

- (10) A is C's son, C and Q are sisters, Z is the mother of Q and P is the son of Z. Which of the following statement is true?
- a. A and P are cousins
b. C and P are sisters
c. P is the maternal uncle of A
d. A is the maternal uncle of P

PYQ Dec. 21

- (11) D is daughter of E. A is son of D. C is a brother of A and B is the sister of A. F is the brother of D. How F is related to B?
- a. Father-in-law b. Uncle
c. Brother d. Mother-in-law



PYQ Dec. 21

- (12) It is given that "A is the mother of B; B is the sister of C; C is the father of D". How is A related to D?
- a. Mother b. Grandmother
c. Aunt d. Sister

PYQ Dec. 21

- (13) P, Q, R, S, T, U are 6 members of a family in which there are two married couples. T, a teacher is married to a doctor who is mother of R and U. Q the lawyer is married to P. P has one son and one grandson. Of the two married ladies one is a housewife. There is also one student and one male engineer in the family. Which of the following is true about the granddaughter of the family?
- a. She is a lawyer
b. She is an engineer
c. She is a student
d. She is a doctor

PYQ Dec. 21

- (14) X and Y are brothers. R is the father of Y. S is the brother of T and maternal uncle of X. What is T to R?
- a. Mother b. Wife
c. Sister d. Brother

PYQ June 22

- (15) Ravi is son of Aman's father's sister. Ram is son of Divya, who is the mother of Gaurav and grandmother of Aman. Ashok is father of Tanya and grandfather of Ravi. Divya is wife of Ashok. How is Ravi related to Divya?
- a. Nephew b. Grandson
c. Son d. None of these

PYQ June 22

- (16) A woman going with a boy is asked by another woman about the relationship between them. The woman replied, "My maternal uncle and the uncle are his maternal uncle are same", the relationship between the lady and the boy is ____
- a. Maternal grandmother and grandson
b. Mother and son
c. Father and son
d. Paternal grandmother and grandson

PYQ June 22

- (17) A is B's sister. C is B's mother. D is C's father. E is D's mother. Then how A is related to D?
- a. Grandfather b. Grandmother
c. Daughter d. Granddaughter

PYQ Dec 22

- (18) Suresh's sister is the wife of Ram. Ram is Rani's brother. Ram's father is Madhur. Sheetal is Ram's grandmother. Rema is Sheetal's daughter-in-law. Rohit is Rani's brother's son. Who is Rohit to Suresh?
- a. Brother-in-law b. Son
c. Brother d. Nephew

PYQ Dec 22

- (19) There are six children playing football namely A, B, C, D, E and F. A & E are brothers. F is sister of E. C is the only son of A's uncle. B & D are daughters of the brother of C's father. How D is related to A?
- a. Uncle b. Cousin
c. Niece d. Sister

PYQ Dec 22

- (20) In a joint family, there are father, mother, 3 married sons and one unmarried daughter. Out of the sons, two have 2 daughters each and one has a son only. How many female members are there in the family?
- a. 3 b. 6
c. 9 d. 5

PYQ Dec 22

- (21) Annanya is mother of Satya and Shyam is the son of Bhima. Shiva is brother of Annanya. If Satya is sister of Shyam. How Bhima is related to Shiva?
- a. Son b. Cousin
c. Brother-in-law d. Son-in-law

PYQ Dec 22

- (22) Suman is daughter-in-law of Rakesh and sister-in-law of Rajesh. Ramesh is the son of Rakesh and only brother of Rajesh. Find the relation of Suman with Ramesh?
- a. Sister-in-law b. Cousin
c. Aunt d. Wife

PYQ Jun 23

- (23) P, Q, R, S, T and U are 6 members of a family in which there are two married couples. T, a teacher is married to a doctor, who is mother of R and U. Q, the lawyer is married to P. P has one son and one grandson. Of the two married ladies one is a housewife. There is also one student and one male engineer in the family. Which of the following is true about the grandson of the family?
- He is a lawyer
 - He is an engineer
 - He is a student
 - He is a doctor

PYQ Jun 23

- (24) Suman is daughter-in-law of Rakesh and sister-in-law of Rajesh. Ramesh is the son of Rakesh and only brother of Rajesh. Find the relation of Suman with Ramesh?
- Sister-in-law
 - Cousin
 - Aunt
 - Wife

PYQ Jun 23

- (25) Neelam, who is Deepak's daughter, says to Deepika "your mother-in-law Rekha is younger daughter of Ramlal, who is my grandfather." How is Neelam related to Deepika?
- Sister
 - Niece
 - Sister-in-law
 - Aunt

PYQ Jun 23

- (26) If A is the brother of B, B is the daughter of C and D is the father of A, then how is C related to D?
- Husband
 - Wife
 - Granddaughter
 - Grandfather

PYQ Jun 23

- (27) X is the husband of Y. W is daughter of X. Z is husband of W. N is daughter of Z. What is the relationship of Y to N?
- Cousin
 - Niece
 - Daughter
 - Grand-Mother

PYQ Jun 23

- (28) Based on the statements given below, find out who is the uncle of P?
 (i) K and J are brothers, (ii) K's sister is M,
 (iii) P and N are siblings
 N is the daughter of J
- K
 - J
 - N
 - M

- (29) There are six persons A, B, C, D, E and F in a family. A and B are a married couple and A is a male member. D is the only son of C, who is the brother of A. E is the sister of D. B is the daughter-in-law of F whose husband has died. Who is the mother of C?

- A
- E
- D
- F

Answer Key

1 a	2 a	3 b
4 b	5 d	6 a
7 a	8 b	9 d
10 c	11 b	12 b
13 c	14 b	15 b
16 b	17 d	18 d
19 d	20 c	21 c
22 d	23 b	24 d
25 c	26 b	27 d
28 a	29 d	

Regular Questions

Mock Test Paper Questions

MTP May 18

- (1) A is B's brother. C is D's father. E is B's mother. A and D are brothers. How is E related to C?
- Sister
 - Sister-in-law
 - Niece
 - Wife

MTP May 18

- (2) A is B's brother, C is A's mother, D is C's father, E is B's son, How is B related to D?
- Son
 - Granddaughter
 - Grandfather
 - Great Grandfather

MTP May 18

- (3) A is the mother of D and sister of B. B has a daughter C who is married to F. G is the husband of A. How is G related to D?
- Uncle
 - Husband
 - Son
 - Father



- (4) P and Q are brothers. R and S are sister. P's son is S's brother. How is Q related to R?
- Uncle
 - Brother
 - Father
 - Grandfather

MTP May 18

- (5) A is the sister of B. B is the brother of C. C is the son of D. How is D related to A?
- Mother
 - Daughter
 - Son
 - uncle

MTP Nov 18

- (6) If P is the husband of Q and R is the mother of S and Q. What is R to P?
- Mother
 - Sister
 - Aunt
 - Mother-in-law

MTP Nov 18

- (7) P is the father of T. T is the daughter of M. M is the daughter of K. What is P to K?
- Father
 - Father-in-law
 - Brother
 - Son-in-law

MTP Nov 18

- (8) A and B are brothers. E is the daughter of F. F is the wife of B. What is the relation of E to A?
- Sister
 - Daughter
 - Niece
 - Daughter

MTP Nov 18

- (9) C is mother of A and B. If D is the husband of B, then what is C to D
- Mother
 - Aunt
 - Mother-in-law
 - Sister

MTP May 19

- (10) A is B's sister, C is B's mother, D is C's father, E is D's mother, then how is A related D?
- Granddaughter
 - Daughter
 - Aunt
 - Father

MTP May 19

- (11) A, Q, Y and Z are different persons. Z is the father of Q. A is the daughter of Y and Y is the son of Z. If P is the son of Y and B is the brother of P, then
- B and Y are brothers
 - A is sister of B
 - Z is the uncle of B
 - Q and Y are brothers

MTP May 18

- (12) A is father of C and D is son of B. E is brother of A. If C is sister of D how is B related to E?
- Sister-in-Law
 - Sister
 - Brother
 - Brother-in-Law

MTP May 19

- (13) X is the husband of Y. W is the daughter of X. Z is husband of W. N is the daughter of Z. What is the relationship of N to Y?
- Cousin
 - Niece
 - Daughter
 - Grand-Daughter

MTP May 19 Series II

- (14) 'A' reads a book and find the name of the author familiar. The author 'B' is the paternal uncle of 'C'. 'C' is the daughter of 'A'. How is 'B' related to 'A'?
- Brother
 - Sister
 - Father
 - Uncle

MTP May 19 Series II

- (15) 'A's mother is sister of B and she has a daughter C who is 21 years old. How is B related to A?
- Uncle
 - Maternal Uncle
 - Niece
 - Daughter

MTP May 19 Series II

- (16) C is mother of A and B. If D is husband of B, then what is C to D ?
- Mother
 - Aunt
 - Mother-in-law
 - Sister

MTP Nov 19

- (17) Moni is daughter of Sheela. Sheela is wife of my wife's brother. How Moni is related to my wife?
- Cousin
 - Niece
 - Sister
 - Sister-in-law

MTP Nov 19

- (18) A family has a man, his wife, their four sons and their wives. The family of every son also 3 sons and one daughter. Find out the total number of male members in the whole family?
- 4
 - 8
 - 12
 - 17

MTP May 20

- (19) Given that
- A is mother of B.
 - C is son of A.
 - D is brother of E.
 - E is daughter of B.
- The grandmother of D is
- A
 - B

MTP May 20

c. C d. E

MTP Nov 20

(20) If D is brother of B and B is related C. To answer this question which of the following statements are necessary?

I. The son of D is the grandson of C.

II. B is the sister of D.

- a. Only I b. Only II
c. Either I or II d. I and II

MTP Nov 20

(21) There are two couple in a family. K has two children. M is wife of O, who is the brother of B. F is daughter K. U is sister of S, who is son of O. T is the son of B, who is the male. How U is related to T?

- a. Mother b. Brother
c. Sister d. Cousin

MTP March 21

(22) Anil said "This girl is the wife of the grandson of my mother". How is Anil related to the girl?

- a. Brother b. Grandfather
c. Husband d. Father-in-law

MTP March 21

(23) P is the mother of K, K is the sister of D. D is the father of J. How is P related to j?

- a. Mother
b. Grandmother
c. Aunt
d. Data is inadequate

MTP March 21

(24) In a family, there are six members A, B, C, D, E and F. A and B are a married couple, A being the male member. D is the only son of C, who is the brother of A. E is the sister of D. B is the daughter-in-law of E, whose husband has died. How is E related to C?

- a. Sister b. Daughter
c. Cousin d. Mother

MTP Apr 21

(25) If D is brother of B and B is related C. To answer this question which of the following statements are necessary?

I. The son of D is the grandson of C.

II. B is the sister of D.

- a. Only I b. Only II
c. Either I or II d. I and II

MTP Apr 21

(26) A, B, C, D, E and F are members of the family. B is the son A but A is not mother B, A and C are married couple. F is brother of A. D is the sister of B. E is son of C. How many male members are in the family?

- a. 1 b. 2
c. 3 d. 4

MTP Nov 21

(27) Read the following information carefully and answer the questions given below ? There are six children playing football, namely P, Q, R, S, T and U. P and T are brothers, U is sister of T, R is the only son of P's uncle, Q and S are the daughters of the only brother of R's father How many female players are there?

- a. One b. Two
c. Three d. Four

MTP Nov 21

(28) Read the following information carefully and answer the questions given below ? There are six children playing football, namely P, Q, R, S, T and U. P and T are brothers, U is sister of T, R is the only son of P's uncle, Q and S are the daughters of the only brother of R's father How is S is related to P?

- a. Uncle b. Sister
c. Niece d. Cousin

MTP Oct 21

(29) A is the son of C; C and Q are the sisters; Z is the mother of Q and P is the son of Z. Which of the following statements is true?

- a. A and P are cousins
b. C and P are sisters
c. P is the maternal uncle of A
d. A is the maternal uncle of P

MTP Oct 21

(30) There are six children playing football, namely P, Q, R, S, T and U. P and T are brothers, U is sister of T, R is the only son of P's uncle, Q and S are the daughters of the only brother of R's father

How many female players are there?

- a. One b. Two
c. Three d. Four



MTP Oct 21

- (31) There are six children playing football, namely P, Q, R, S, T and U. P and T are brothers, U is sister of T, R is the only son of P's uncle, Q and S are the daughters of the only brother of R's father

How is S related to P?

- a. Uncle b. Sister
c. Niece d. Cousin

MTP March 22

- (32) D is daughter of E. A is son of D. C is brother of A and B is sister of A. F is brother of D. How F is related to B?

- a. Father-in-Law b. Uncle
c. Brother d. Mother-in-law

MTP March 22

- (33) It is given that "A is the mother of B; B is the sister of C; C is the father of D". How is A related to D?

- a. Mother b. Grandmother
c. Aunt d. Sister

MTP March 22

- (34) Sanjay has three daughters, and each daughter has a brother. How many male members are there in the family?

- a. 4 b. 2
c. 3 d. 1

MTP June 22

- (35) E is the son of A. D is the son of B. E is married to C. C is B's daughter. How is D related to E?

- a. Brother b. Uncle
c. Brother-in-law d. Husband

MTP June 22

- (36) There are six children playing football namely A, B, C, D, E and F. A and E are brothers. F is the sister of E. C is the only son of A's uncle. B and D are the daughters of the brother of C's father. How is C related to F?

- a. Cousin b. Brother
c. Son d. Uncle

MTP Dec 22 Series I

- (37) B is the brother of A whose only sister is mother of C, D is the maternal grandmother of C How is A related to D?

- a. Aunt
b. Daughter-in-law
c. Daughter
d. Nephew

MTP Dec 22 – Series I

- (38) Anita is the niece of Pratik's mother. Anita's mother is Pratik's aunt. Rohan is Anita's mother's brother. Rohan's mother is Anita's grandmother. From this information. Deduce the relationship between Rohan's mother is _____ to Anita's mother.

- a. Aunt b. Mother
c. No Relation d. Sister

MTP Dec 22 – Series I

- (39) Anita is the niece of Pratik's mother. Anita's mother is Pratik's aunt. Rohan is Anita's mother's brother. Rohan's mother is Anita's grandmother. From this information. Deduce the relationship between Prateek's and Anita's mother are _____

- a. Cousin Sister b. Sister-in-law
c. Friends d. Sisters

MTP Dec 22 – Series I

- (40) Anita is the niece of Pratik's mother. Anita's mother is Pratik's aunt. Rohan is Anita's mother's brother. Rohan's mother is Anita's grandmother. From this information. Deduce the relationship between Rohan is Prateek's _____

- a. Brother b. Brother-In-law
c. Uncle d. Cousin Brother

MTP Dec 22 Series II

- (41) P is Q's daughter, Q is R's mother, S is R's brother. How is S related to P?

- a. Father b. Grandfather
c. Brother d. Son

MTP Dec 22 Series II

- (42) If X is brother of son of Y's son, then how is X related to Y?

- a. Brother b. Cousin
c. Grandson d. Son

MTP Dec 22 Series II

- (43) If P is the husband of Q and R is the mother of S and Q. What is R to P?

- a. Mother b. Sister
c. Aunt d. Mother-in-law

MTP Dec 22 Series I

- (44) B is the brother of A. Whose only sister is mother of C. D is maternal grandmother of C. How is A related to D?

- a. Aunt
b. Daughter-in-law
c. Daughter



d. Nephew

MTP Dec 22 Series II

- (45) X and Y are the children of A. A is the father of X but Y is not his son. How is Y related to A?
- a. Son b. Daughter
c. Sister d. Brother

MTP June 2023 Series I

- (46) In a joint family, there are father, mother, 3 married sons and one unmarried daughter. Out of the sons, two have 2 daughters each and one has a son only. How many female members are there in the family?
- a. 3 b. 6
c. 9 d. 8

MTP June 2023 Series I

- (47) When Rani saw Vinit, she recollected that "He is the brother of my grandfather's son". How is Rani related to Vinit?
- a. Aunt b. Daughter
c. Sister d. Niece

MTP June 2023 Series I

- (48) Annanya is mother of Satya and Shyam is the son of Bhima, Shiva is brother of Annanya. If Satya is sister of Shyam, How Bhima is related to Shiva?
- a. Son b. Cousin
c. Brother-in-law d. Son-in-law

MTP June 2023 Series I

- (49) Suman is daughter-in-law of Rakesh and sister-in-law of Rajesh, Ramesh is the son of Rakesh and only brother of Rajesh. Find the relation of Suman with Ramesh.
- a. Sister-in-law b. Cousin
c. Aunt d. Wife

MTP June 2023 Series II

- (50) The brother of X's mother is the only son of Y's mother's father. How is Y's mother related to X.
- a. Mother b. Daughter
c. Grandmother d. Cannot be determined

MTP June 2023 Series II

- (51) A man said to a woman, - your mother's husband's sister is my aunt. How is the woman related to the man?
- a. Granddaughter b. Daughter
c. Sister d. Aunt

Answer Key

1 d	2 b	3 d
4 a	5 a	6 d
7 d	8 c	9 c
10 a	11 b	12 a
13 d	14 a	15 b
16 c	17 b	18 d
19 a	20 d	21 d
22 d	23 b	24 b
25 d	26 d	27 c
28 b	29 c	30 c
31 b	32 b	33 b
34 b	35 c	36 a
37 c	38 b	39 d
40 c	41 c	42 c
43 d	44 c	45 b
46 c	47 d	48 c
49 d	50 a	51 c

☆ **Pointing Based Questions**

Past Exam Questions

PYQ May 18

- (1) Vinod introduce Vishal as the son of the only brother of his father's wife. How is Vinod related to Vishal?
- a. Cousin b. Brother
c. Son d. Uncle

PYQ May 18

- (2) Suresh introduces a man as "he is the son of the women who is the mother of the husband on my mother". How is Suresh is related to the man?
- a. Brother-in-law b. Son
c. Brother d. Nephew

PYQ May 18

- (3) A prisoner introduced a boy who came to visit him to the jailor as "Brothers and sisters I have none, he is my father's son's son". Who is the boy?
- a. Nephew b. Son
c. Cousin d. Uncle

PYQ Nov. 18

- (4) Pointing to a man in a photograph, a women said, "the father of his brother is the only son of my grandfather", how is the women related to the man in the photograph?
- a. Mother b. Aunt
c. Daughter d. Sister



- (5) Pointing to a woman in a picture, sumit said, she is the mother of my son's wife's daughter. How is lady related to the sumit?

a. Uncle
b. Cousin
c. Daughter
d. None of these

PYQ June 19

- (6) Pointing to a man in a photograph, a man said, "His mother's husband's sister is my aunt".
★ Then what is the relation between that man and him?

a. Son
b. Uncle
c. Nephew
d. Brother

PYQ June 19

- (7) Pointing the old man Kailash said "his son is my son's uncle". How is Kailash is related to old men.

a. Brother
b. Either son or son in law
c. Son
d. Grandfather

PYQ June 19

- (8) Pointing in a photograph, Sonia said, "His mother's only daughter is my mother". How is Sonia relates to that man?

a. Nephew
b. Sister
c. Wife
d. Niece

PYQ June 19

- (9) Point out a Lady Sohil said she is the daughter of woman, who is the mother of the husband of my mother. Who is the lady to Sohil?

a. Sister
b. Aunt
c. Daughter
d. Sister-in-law

PYQ Nov. 20

- (10) Pointing towards a person, A man said to woman, "His mother is the only daughter of your father". How is the woman related to that person?

a. Mother
b. Daughter
c. Sister
d. Wife

PYQ Nov. 20

- (11) A man said to a lady "your mother's husband's sister is my aunt. "How is the man related to the lady?

a. Father
b. Grandfather
c. Son
d. Brother

PYQ Nov. 20

- (12) Pointing to a lady, A said, "that women is my nephew's maternal grandmother". How is that women related to A's sister who has no sister?

a. Cousin
b. Son-in-law
c. Mother
d. Mother-in-law

PYQ Nov. 20

- (13) Pointing out to a lady, Sahil said, "she is the daughter of the woman who is the mother of the husband of my mother". Who is the lady to Sahil?

a. Aunt
b. Sister
c. Daughter
d. Sister-in-law

PYQ Nov. 20

- (14) Pointing to a lady in a photograph, Ram said "Her son's father is the son in law of my mother". How is Ram related to the lady?

a. Aunt
b. Cousin
c. Sister
d. Mother

PYQ Jan. 21

- (15) A girl introduced, a boy as the son of the daughter of father of her uncle. The boy is girl's

a. Son
b. Brother
c. Son-in-law
d. Uncle

PYQ Jan. 21

- (16) Pointing to a lady, Sahil said, "She is the daughter of the woman who is the mother of the husband of my mother". Who is the lady to Sahil?

a. Aunt
b. Sister
c. Daughter
d. Sister-in-law

PYQ Jan. 21

- (17) Shyam's mother said to Shyam "My mother has a son whose son is Ram". Shyam is related to Ram as.

a. Uncle
b. Cousin
c. Nephew
d. Grandfather

PYQ July 21

- (18) Amit said "The girl is the wife of the grandson of my mother". How Amit related to the girl?

a. Father-in-law
b. Grandson
c. Father
d. Son

PYQ July 21

- (19) Pointing towards "A", "B" said : your mother is the younger sister of my mother". "A is related to "B" as.

a. Uncle
b. Cousin
c. Nephew
d. Father

PYQ July. 21

25 c

PYQ Dec. 21

- (20) Introducing a boy and a girl said, "He is the son of the daughter of the father of my uncle". Who is the boy to the girl?
- a. Brother b. Nephew
c. Uncle d. Son-in-law

PYQ Dec. 21

- (21) R told to M as, "the girl, I met at the beach, was the youngest daughter of the brother-in-law of my friend's mother". How is the girl related to R's friend?
- a. Cousin b. Daughter
c. Niece d. Aunt

PYQ June 22

- (22) If Kamal says, "Ravi's mother is the only daughter of my mother. How is Kamal related to Ravi?"
- a. Father b. Grandfather
c. Son d. Maternal uncle

PYQ Dec 22

- (23) When Rani saw Vinit, she recollected that "He is the brother of my grandfather's son". How is Rani related to Vinit?
- a. Aunt b. Daughter
c. Sister d. Niece

PYQ Dec 22

- (24) Pointing to a man in the photograph. Khushi says, "This man's son's sister is my mother-in-law". How is the Khushi's husband related to the man in the photograph?
- a. Grandson b. Son
c. Son-in-law d. Cousin

PYQ Jun 23

- (25) Pointing to a photograph, a woman says "This man's son's sister is my mother-in-law". How is the woman's husband related to the man in the photograph?
- a. Son b. Son-in-law
c. Grandson d. Nephew

Answer Key

1 a	2 b	3 b
4 d	5 d	6 d
7 c	8 d	9 b
10 a	11 d	12 c
13 a	14 b	15 b
16 a	17 b	18 a
19 b	20 a	21 a
22 d	23 d	24 a

Pointing Based Questions

Mock Test Paper Questions

MTP Nov 19

- (1) Pointing a man to photo graph, a man is said to a woman, "His mother is the only daughter of your father". How is the woman is related to the man in the photograph?
- a. Sister b. Mother
c. Wife d. Daughter

MTP May 20

- (2) Pointing to a lady, a man said, "The son of her only brother is the brother of my wife ". How is lady is related to man?
- a. Mother's sister
b. Grandmother
c. Sister of father-in-law
d. Maternal Aunt

MTP May 20

- (3) Pointing to a photograph of a boy, Ravi said, "He is son of the only son of my mother". How is Ravi related to that boy ?
- a. Brother b. Uncle
c. Cousin d. Father

MTP Apr 21

- (4) Pointing to a photograph of a boy Ravi said, "He is son of the only son of my mother ". How is Ravi related to that boy?
- a. Brother b. Uncle
c. Cousin d. Father

MTP Nov 21

- (5) Pointing to a photograph Lalita says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Lalita?
- a. Brother
b. Uncle
c. Cousin
d. Data is inadequate

MTP Nov 21

- (6) Pointing to a photograph Lalita says, "He is the son of the only son of my grandfather." How is the man in the photograph related to Lalita?
- a. Brother
b. Uncle
c. Cousin



d. Maternal Uncle

MTP Nov 21

(7) Pointing towards photograph. Vinod said "she is the daughter of my wife's mother's only daughter". How is Vinod is related to the girl in the Photograph?

- a. Cousin
- b. Uncle
- c. Father
- d. None

MTP Oct 21

(8) Pointing towards photograph. Vinod said, "she is the daughter of my wife's mother's only daughter". How is Vinod is related to the girl in the Photograph?

- a. Cousin
- b. Uncle
- c. Father
- d. None

MTP March 22

(9) Introducing a boy a girl said, "He is the son of the daughter of the father of my uncle". Who is the boy to the girl?

- a. Brother
- b. Nephew
- c. Uncle
- d. Son-in-law

MTP March 22

(10) Rita told Mani, "The girl I met yesterday at the beach was the youngest daughter of the brother-in-law of my friend's mother." How is the girl related to Rita's friend?

- a. Cousin
- b. Daughter
- c. Niece
- d. Aunt

MTP June 22

(11) Pointing towards a girl in the photograph, Pooja said. "She is the mother of Janaki whose father is my son." How is Pooja related to the girl in the photograph?

- a. Mother
- b. Cousin
- c. Aunt
- d. Mother-in-Law

MTP June 22

(12) Mr. Vinlesh said, "This girl is the wife of the grandson of my mother." How is the Mr. Vinlesh related to the girl?

- a. Father
- b. Grand Father
- c. Husband
- d. Father-in-Law

MTP June 2023 Series I

(13) Pointing to a man, a lady said "His mother is the only daughter of my mother". How is the lady related of the man?

- a. Mother
- b. Daughter
- c. Sister
- d. Aunt

Answer Key

- 1 b
- 2 c
- 3 d

- 4 d
- 5 a
- 6 a
- 7 c
- 8 c
- 9 a
- 10 a
- 11 d
- 12 d
- 13 a

Other Special Problems

Past Exam Questions

PYQ Nov. 18

(1) If $P + Q$ means P is the mother of Q; $P \div Q$ means P is the father of Q; $P - Q$ means P is the sister of Q; then which of the following relationship shows that M is the daughter of R?

- a. $R \div M + N$
- b. $R + N \div M$
- c. $R - M \div N$
- d. None of these

PYQ June 22

(2) $P + Q$ means P is brother of Q, $P - Q$ means P is the mother of Q. $P \times Q$ means P is the sister of Q. Which of the following means M is the maternal uncle of R?

- a. $M + K + R$
- b. $M - R + K$
- c. $M + K - R$
- d. $M + K \times R$

PYQ June 22

(3) If $A \$ B$ means A is father of B. $A \# B$ means A is daughter of B. $A @ B$ means A is sister of B. Then how is K related to M if $H @ K \$ L \# M$

- a. Husband
- b. Uncle
- c. Father
- d. Grandson

Answer Key

- 1 a
- 2 c
- 3 a

Other Special Problems

Mock Test Paper Questions

MTP Nov 19

(1) Read the following information carefully to answer the questions that follow.

- I. ' $P + Q$ ' means 'P is father of Q'
- II. ' $P - Q$ ' means 'P is mother of Q'
- III. ' $P \times Q$ ' means 'P is brother of Q'
- IV. ' $P \div Q$ ' means 'P is sister of Q'

Which of the following means 'M' is maternal uncle of T?

- a. $M + K - T$
- b. $M \times K - T$
- c. $M \times K + T$
- d. $M \div K + T$

MTP May 20

(2) Read the following information and answer the



question

'A+B' means 'A is the daughter of B'.

'A × B' means 'A is the son of B'.

'A - B' means 'A is the wife of B'.

If $P \times Q - S$, which of the following is true

- S is wife of B
- S is father of P
- P is daughter of Q
- Q is father of P

MTP Nov 20

- (3) If A+B means A is brother of B, A-B means A is sister of B, and $A \times B$ means A is the father of B. Which of the following means that C is the son of M?

- $M-N \times C+F$
- $F-C+N \times M$
- $N+M-F \times C$
- $M \times N-C+F$

MTP March 21

- (4) If A+B means A is the sister of B, $A \times B$ means A is the wife of B, $A \% B$ means A is the father of B and A - B means A is the brother of B. Which of the following means T is the daughter of P?

- $P \times Q \% R + S - T$
- $P \times Q \% R - T + S$
- $P \times Q \% R + T - S$
- $P \times Q \% R - T + S$

MTP Apr 21

- (5) If 'A+B means A is brother of B', A-B means A is sister of B, and $A \times B$ means A is the father of B. Which of the following means that C is the son of M?

- $M-N \times C+F$
- $F-C+N \times M$
- $N+M-F \times C$
- $M \times N-C+F$

MTP Oct 21

- (6) 'X @ Y' means 'X is the mother of Y';
'X \$ Y' means 'X is the husband of Y';
'X # Y' means 'X is the sister of Y'.
'X * Y' means 'X is the son of Y'.
Which of the following indicates the relationship 'A is daughter of P'?

- $P @ B \# F * A$
- $P @ B \# A * F$
- $A \# F * B @ P$
- $A \# F * B \$ P$

MTP June 22

- (7) Following questions are based on the information given below.

- 'P×Q' means 'P is the father of Q'
- 'P-Q' means 'P is the sister of Q'.
- 'P+Q' means 'P is the mother of Q'

(iv) 'P+Q' means 'P is the brother of Q'.
In the expression $B+D \times M+N$, how M is related to B

- Granddaughter
- Son
- Grandson
- Granddaughter or Grandson

MTP Dec 22 - Series I

- (8) If X+Y means X is the mother of Y; X-Y means X is the brother of Y; $X \% Y$ means X is the father of Y and $X \times Y$ means X is the sister of Y, Which of the following shows that A is the maternal uncle of B?

- $B+D \times C-A$
- $B-D \% A$
- $A-C+D \times B$
- $A+C \times D-B$

MTP June 2023 Series II

- (9) If A + B means, "A is the son of B"
A - B means, "A is the daughter of B"
 $A * B$ means, "A is the sister of B"
 $A \$ B$ means, "A is the sister of B"
If $A \$ B - C * D$ is true, how is D related to B?

- Wife
- Father
- Grandmother
- Grandfather

MTP June 2023 Series II

- (10) In a certain language, '+' means father of, '-' means daughter of, '*' means son of, and '/' means mother of. For example, $X + Y - Z$ means that X is the father of Y and Y is the daughter of Z. $sA + F - K / G + L * H$. How is H related to A?

- Sister - in - law
- Daughter-in-law
- Daughter
- Grand - Daughter

MTP June 2023 Series II

- (11) If X + Y means X is the mother of Y;
X - Y means X is the brother of Y;
 $X \% Y$ means X is the father of Y and
 $X \times Y$ means X is the sister of Y,
Which of the following shows that O is the maternal uncle of L?

- $L-N+M \times O$
- $O+S \times N-L$
- $O-M+N \times L$
- $L-S \% O$

Answer Key

- | | | |
|------|------|-----|
| 1 b | 2 b | 3 d |
| 4 b | 5 d | 6 d |
| 7 c | 8 c | 9 b |
| 10 b | 11 c | |

