

Assignment 1

Name: Deepankar Sharma
Course: MCA
Student ID: 233512013
Subject: Career Skills

Ques 1 (a) M

Ques 2 (b) Gujarat

Ques 3 (c) L

L, spinner (Bowler), UP
M, opening batsmen, Bihar
N, Medium pace bowler, Gujarat
O, wicket keeper, Delhi
P, batsman (Middle order), Maharashtra
Q, fast bowler, MP

Ques 4 (b) C-Home, D-Power, A-Defence, B-Telecom, E-finance

Ques 5 (d) B-Defence, D-Telecom

if D gets Telecom, B should get Power (*)

Necessary conditions

① not F if D

② E and A

③ C → Home
C → finance
C → None

④ (B, D) → (Power, Telecom)
if

Ques 6 (b) CNNABX

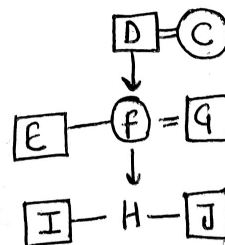
M → N	B → C
A → Z	O → N
D → E	M → N
R → Q	B → A
A → B	A → B
S → R	Y → X

Ques 7 (d) f, (c → hot, e → day, f → very)

Ques 8 (d) cannot be determined
(gender of H is not given)

Ques 9 (a) Brother in law

Ques 10 (b) Daughter



□ Male
○ Female
↓ children
- siblings
= married

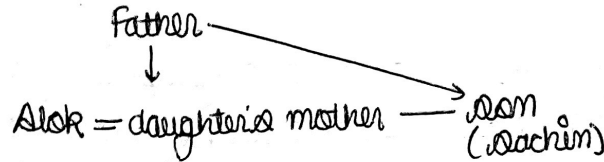
Mother's Mother

↓
Mother = son in law (man)

↓
Meemakshi

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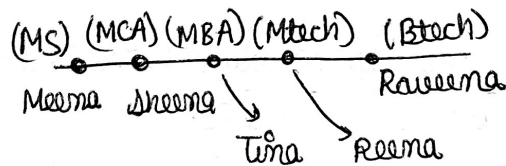
Ques 11 (b) Brother-in-law



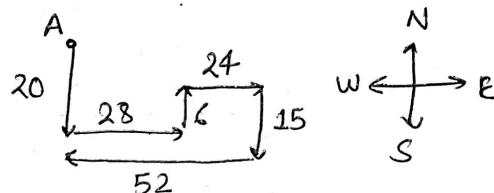
Ques 12 (c) Sheena

Ques 13 (b) MTech

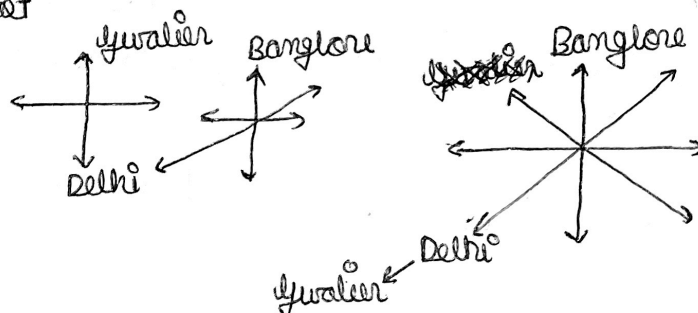
Ques 14 (d) Tina



Ques 15 (b) 29 km



Ques 16 (a) ~~North~~ West
 South



Ques 17 (b) East

Because sun is in east during morning

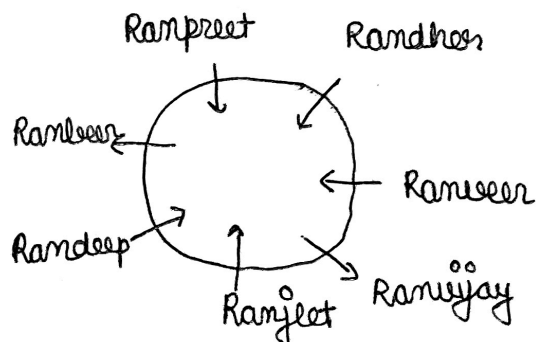
Ques 18 (a) North

$19\%4 = 3$ (consecutive right) South
 $10\%4 = 2$ (consecutive left) North

Ques 19 (a) ~~Ramdeep~~ Ramjeet

Ques 20 (a) Rambeer

Ques 21 (d) Rambeer

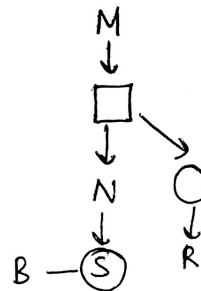


Ques 22 (a) EKPTQK

Deepankar Sharma

D $\xrightarrow{+1}$ E
I $\xrightarrow{+2}$ K
M $\xrightarrow{+3}$ P
P $\xrightarrow{+4}$ T
L $\xrightarrow{+5}$ Q
E $\xrightarrow{+6}$ K

Ques 23 (d) cannot be determined
(gender of M is unknown)



Ques 24 (d) 96321219

Based on the table, ROCKSTAR
will be encoded as above.

1	A	J	S
2	B	K	T
3	C	L	U
4	D	M	V
5	E	N	W
6	F	O	X
7	G	P	Y
8	H	Q	Z
9	I	R	

Ques 25 (d) Marketing & Tuesday

Ques 26 (a) Shreya

Ques 27 (c) Alak-Monday-HR

Ques 28 (c) D, H, F & G

Ques 29 (b) 5

DEAB, DEGB
DEAF, DEGF
DHAG

Ques 30 (d) E & H

E \rightarrow A XOR G
H \rightarrow NOT (F OR B)

[Alak, Monday, HR
Mukesh, Sunday, HR
Iresha, Wednesday, Finance
Pavani, Thursday, Marketing
Arvind, Tuesday, Marketing
Nisha, Friday, HR
Shreya, Saturday, Finance]

Necessary conditions

- ① A OR D
- ② if H then not (F OR B)
- ③ E and (A XOR G)
- ④ if C then NOT D