EXAMWAR
PUBLICATION

Deepak Tirthyani

India's No. 1 Reasoning Teacher

SOLUTIONS
Mock Test (6 to 10)

➤ More than 7 Year Teaching Experience in SSC, Railway and Banking Exams.

➤ Currently Teaching in Unacademy, Wifistudy YouTube Channel.

➤ More than 500 Million+ Views on Youtube and Unacademy Videos

➤ More than 300 times in you tube Trending videos.

➤ Best Faculty Award in 2019-20.

➤ Given Highest Number of selections in SSC, Railway and Bank Exam Pan India.

➤ Qualified IBPS PO, SBI PO, in 2016-17.

➤ More than 1500+ videos on YouTube.

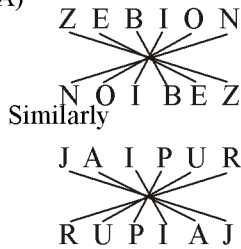Reasoning by Deepak sir

Reasoning in My Blood

www.deepaksir.com

**6
Moct Test** | # SOLUTION

1. (A)
Z E B I O N

N O I B E Z
Similarly
J A I P U R

R U P I A J

2. (B) Logic :

Count the number of letters in the word and
multiply it by 2.

$D\ E\ E\ P\ U \rightarrow 5 \times 2 = 10$
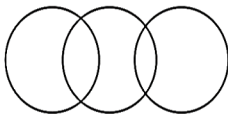
$R\ A\ J\ E\ S\ H \rightarrow 6 \times 9 = 12$

$S\ H\ A\ R\ P \rightarrow 5 \times 2 = 10$

3. (A) $\sqrt[3]{1728} \div 5 - 18 \times 6 = 350 \div 7 + 7$

$12 \times 5 - 3 = 50 + 7$

$60 - 3 = 57$

$57 = 57$

4. (D) i. zebion, iv. zeboni, v. zeibno, ii. zeionb
iii. zeonbi
i, iv, v, ii, iii

5. (A) Myopia is a eye defect in which a person is
unakke to see for away objects clearly.
Pyrrhea is teeth infeetion in which guns if a
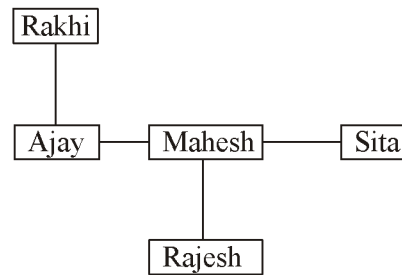person is infected and the soft tissess are
domaged.

6. (C)

Furniture are made of woods and woods comes
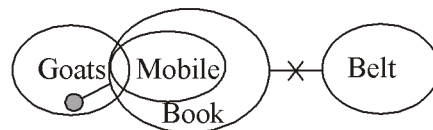from forest.

7. (D) eb e̲ efgabe b̲ ga f̲ efg a̲ bef g
ebfag

8. (A) Rakhi is the father of Ajay. Ajay is brother of
Sita's husband Sita is wife of Mahesh. Mahesh
is father of Rajesh.
- Rajesh is son of Sita.

Rakhi

Ajay —— Mahesh —— Sita

Rajesh

9. (A) 4224 ÷ 4 = 1056
1056 ÷ 4 = 264
264 ÷ 4 = 66
66 ÷ 4 = 16.5
16.5 ÷ 4 = 4.625

10. (D) Helium, Neon, Zenon all are gases where
as Hagnesium is a metal.

11. (C)

Goats Mobile ✕ Belt
Book

None follows.

12. (C) If today is monday, there after $\dfrac{110}{7}$ days

= 15 weeks and 5 odd days.
So, the day will the monday 15 odd days
Hence, it will be Saturday.

13. (D) $\theta = 11/2\ m - 30\ (7)$

$M = 420/11$

$M = 38\dfrac{2}{11}$ minutes past 7.

14. (A)

(A) $A > Q \geq B = S > C < E \rightarrow A > B, C < E$ $\rightarrow$ False

(B) $A > Q < B = S > C < E \rightarrow C < E$

(C) $A = Q = B = S > C < E \rightarrow C < E$

(D) $A > Q > B = S > C > E \rightarrow A > B$

15. (A) In all the letters code first digit presents vertical lines code and second digit represents horitozontal line's code.

	Code	Code
Letter	Vertical	Horizontal
F	3	0
M	2	1
W	1	2
G	7	8
T	5	9

16. (C) Neither argument I nor II is strong.

17. (C)

(A) $(4, 12, 16) \rightarrow (4 \times 1, 4 \times 3, 4 \times 4)$

(B) $(5, 15, 20) \rightarrow (5 \times 1, 5 \times 3, 5 \times 4)$

(C) $(6, 18, 30) \rightarrow (6 \times 1, 6 \times 3, 6 \times 5)$

(D) $(9, 27, 36) \rightarrow (9 \times 1, 9 \times 3, 9 \times 4)$

18. (B) Ƨ ʇ૦ƐᔭƧИА

19. (D) D H L P   E I M Q
       +4 +4 +4   +4 +4 +4
       F J N R   G J O S
       +4 +4 +4   +2 +6 +4
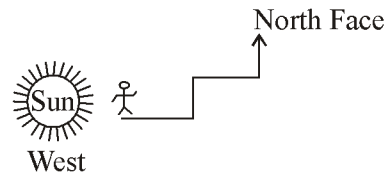
20. (D) RATE

A L T E R N A T E

21. (C)

22. (D) Only II and III follows.

23. (A) I. East (morning) from

South Face
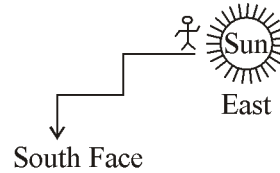
II.   West (evening) from

North Face

West

According to both time.

Face direction (North - South)

24. (A) Father   Son

x   y

x = 4y

after 8 years

$(x + 8) = (y + 8) \times 2.5$

$2x + 16 = 5y + 40$
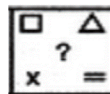
$2x - 5y = 24$

$2x - 8y = 0$ (2 multiply)

$2x - 5y = 24$

$-\quad + = -$

_____

$3y = 24$

$y = 8, x = 32$

After 6 year sum of ages = 14 + 38 = 52

25. (B)

7 Moct Test　　**SOLUTION**

1. (C) O K G C　T P L H
$\underbrace{}_{+4\ +4\ +4}$　$\underbrace{}_{+4\ +4\ +4}$
X S O K　Y U Q M
$\underbrace{}_{+5\ +4\ +4}$　$\underbrace{}_{+4\ +4\ +4}$

2. (C)　$34 - 25 \rightarrow (34 - 25) = 9$
$14 - 17 \rightarrow (17 - 14) = 3$
$32 - 15 \rightarrow (32 - 15) = 17$
$25 - 29 \rightarrow (29 - 25) = 4$

Only in option (C) double digit value is coming after substraction.

3. (D) If Parul is 12th from right end. George is 5th from left end.
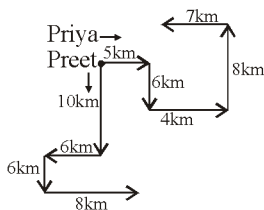Parul shifts 3 places towards Georage then, her new position from right end = (12 + 3) = 15th
Now,
Parul is 10th from left and 15th from right.
*Total number of children = (10 + 15) –1 = 24

4. (D) $13 + 10 \div 2 - 4 \times 7 = 36$
$= 13 - 5 + 28 = 36$
$= 41 - 5 = 36$
$= 36 = 36$

5. (B) PV : MY :: GT : DW
$\underbrace{}_{+3}$ $\underbrace{}_{-3}$　$\underbrace{}_{+3}$ $\underbrace{}_{-3}$

6. (D) 18 km
(2 + 10 + 6) km

Priya→ 7km
Preet 5km →
10km 6km 8km
4km
6km
6km
8km

7. (B) TOASTED can be formed using the word
S O P H I S T I C A T E D

8. (C) Let Rohan's age in x years.
So, 12 years ago,
Mohan's age = (36 – 12) = 24 years
Rohan's age = $24 \times \dfrac{1}{4}$ = 6 years
Then, after 27 years Rohan's age will be
= (6 + 12 + 27)
= 45 years.

9. (A) T-1521, R-1444, P-1369, N-1296, L-1225
$\underbrace{}_{-77}$ $\underbrace{}_{-75}$ $\underbrace{}_{-73}$ $\underbrace{}_{-71}$
-2　-2　-2　-2

10. (B) P A L A C E
V X O Z Z K
V E R B A L
O Z I Y V E

11. (B) Lokesh⁺——Gopi⁺

Jyoti⁻　　Suman⁺

　　　　Girl

Girl is granddaughter of Gopi

12. (A) Original word - W O R T H Y
After inter changing - I H Y W O R
In english alphabetical order:-
W X Y
Only one letter is lutwern W and Y in english alphabetical order.

13. (A) 2, 3, 6, 10, 17, 28, 41
$\underbrace{}_{+1}$ $\underbrace{}_{+3}$ $\underbrace{}_{+4}$ $\underbrace{}_{+7}$ $\underbrace{}_{+11}$ $\underbrace{}_{+13}$

14. (C) A company gave work from home to all of there female employees who has children below 3 years and later on to all female employee with a thought that it will reduce the cast. But when employees where at home they have to communicate through different means or medium. Which tends to inwvor a hage cost to company.

15. (B) The pattern hare is the 1st letter was small rest all was capital then similard 2nd letter was small and then so on. the find place 6 the letter will the small which is b.

16. (D) v. Reetied in dictionary order.

　　iii. Reited

　　iv. Reitedi

　　ii. Reitedx

　　i. Retired

　　In reverse dictionary order it will we :

　　i, ii, iv, iii, v.

17. (D) $4 \times 64 \div 16 + 20 = 13 + 23$

　　$4 \times 4 + 20 = 36$

　　$16 + 20 = 36$

　　$36 = 36$

18. (A)
```
V   E   R   B   A   L
 -3  +2  +2  +2  +2  +2
S   G   T   D   C   N
```

```
R   E   A   S   O   N   J   N   G
 -3  +2  +2  +2  +2  +2  +2  +2  +2
O   G   C   U   Q   P   K   P   I
```

19. (D) ◯ ◯ ◯

Reasoning, GK and Real analysis all are different from each other.

20. (C) 101 is a prime number rest all numbers are divisible.

21. (B) Vanila is prepared from Beans in the same way ginger is the root.

22. (D) Muslims worship in Mosque

　　Similar Sikh worship in Gurudwara.

23. (B) 644 : 1255 : : 2166

　　$4^3 = 64$

　　$5^3 = 125$

　　$6^3 = 216$

　　Similarly

　　$7^3 = 343 \rightarrow 3437$

24. (C) ▯

25. (C) 28, 44, 68, 80, 92

　　$28 = 7 \times 4$

　　$44 = 11 \times 4$

　　$68 = 17 \times 4$

　　$80 = 20 \times 4$　　20 is not a prime number.

　　$92 = 23 \times 4$

8
Moct Test

SOLUTION

1. (C)

к	L4	M1 0
L8	M5	K1 2
M9	L6	?

In all the rows the letters are K, L, and M.

In 1st and 2nd column the difference between the numbers is 1 and in third column the difference between the number is 2.

2. (D)

S	W	I	T	Z	E	R	L	A	N	D
&	#	^	$	δ	)	*	$	+	@	!

R	U	S	S	I	A
*	%	&	&	^	+

S	W	E	D	E	N
&	#	)	!	)	@

3. (B) In the dictionary order.

iv. sanctify,   iii. sanctimony, ii. sanctimony,
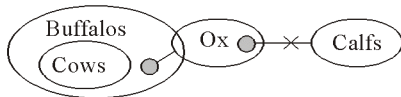
i. sanctity,   v. sanctify

iv, iii, ii, i, v

4. (A) Triangle : Cardiologist

Circle : Orthopaedic

Square : Neurologist

Cardiologists and Newologists are available at 2.

5. (A)

Only conclusion I follows.

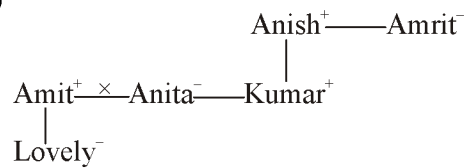6. (A) Hampi, Konark Temple, Khajuraho are temples where as Tajmahal is Mausoleum of Mumtaz Mahal.

7. (D) $154 \times 2 \div 4 - 60 + 5 = 22$

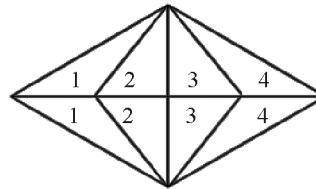$= 154 \times \dfrac{2}{4} - 60 + 5 = 22$

$= 17 + 5 = 22$

$= 22 = 22$

8. (D)

Amit is son-in-law of Amrit.

9. (B)

$= (1 + 2 + 3 + 4) = 10 \times 2$

$= 20 + 4 = 24$

10. (C) Fire reduces anything to Ashes.

Explosion reduces anything to debris.

11. (D)

| Word	Code
Dong	Enemy
Ding	are
Ding	ahead
Ming	Army
Dong	close
Dang	is

Army is close - Ming Dong Pong

12. (B) Suppose if we talk about factory expenses then wages are direct expenses where as printing costs are indirect expenses.

13. (B) 'Portico' and 'Building' relate to each other in the same manner as the latter is the bing from of the formar. 'Fort' relates to 'Fortess' is the same way.

14. (A)
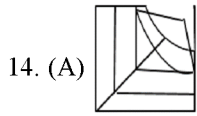
15. (C) Massive means huge and dwarfed means samll to it is pair of antonyms.
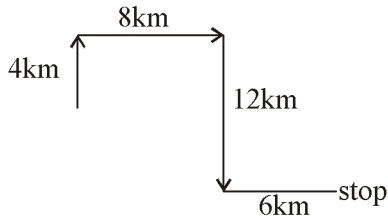Callous means showing or having on insenstive disregards for others and obdurate means same as will both are synonms.

16. (B) $9 - 2 + 12 \times 6 \div 4$

$= 9 - 2 + 12 \times \dfrac{6}{4}$

$= 27 - 2$

$= 25$

17. (B) Aman is facing towards north initially.

18. (D) P weighs more than M but less than Q.
$Q > P > M$

R weighs more than P but not as much as Q weighs.
$Q > R > P > M$

T wrighs more than s but not more than P.
$Q > R > P > M \mid T > T \mid M > S$

Can not be determind as forth from the top can be M or T.

19. (A) A. Reema's age = 48 years
$\therefore$ Robin's age = (48 − 6) = 42 years
Rahul's age = (42 − 14) = 28 years
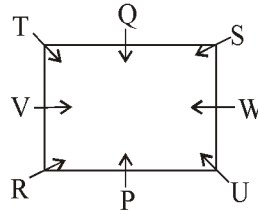
and,
Kaveri's age = (25 − 15) = 13 years

20. (C) BILINGUAL - Original word after.
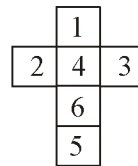Interchanging - NGUABTLIL

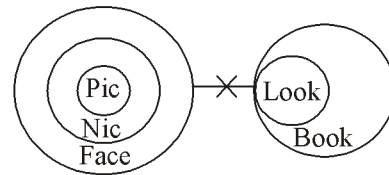21. (A)

22. (B) The dot are on circle are square.
The dot are on square on triangle.

23. (D) When we open the dice
The opposits surfaces are (1, 6) (4, 5) and (2, 3)

24. (A)

All face can be book.

25. (C) Jawaharlal Nehru was 1ˢᵗ PM of India.
Lal Bahadur Shastri was 2ⁿᵈ PM of India who served nation for few years.
Indira Gandhi became 3ʳᵈ PM of India and served country and became PM of thrice.
Morarji Desai become 4ᵗʰ PM of India.
Charan Singh was the 5ᵗʰ PM of India.

9 Moct Test   **SOLUTION**

1. (B)

2. (B)

W I K I P E D I A
$+2$
C K F G R K M K Y

Similarly

R E D F M G O L D
$+2$
F N Q I O H F G T
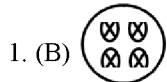
3. (D) Same Politicians are contractors and condles has no relation between rest.

4. (B)

5. (C)

6. (B)

7. (D)

8. (A)

9. (D)
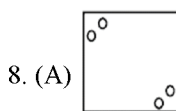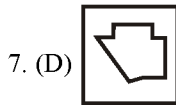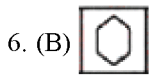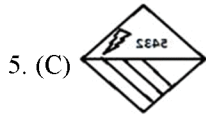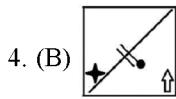
R R   J Y   A S   A B   H A
-2 $+1$ -2 $+1$ -2 $+1$ -2 $+1$ -2 $+1$
R R   W K   Q B   Z B   Y I

Similarly

H I   G H   C O   U R   T S
-2 $+1$ -2 $+1$ -2 $+1$ -2 $+1$ -2 $+1$
G I   F H   M D   P V   Q U

10. (A) Archaeology is different from all.

Parasitology, Histology in the field of biology

11. (B) 11 : 1210 :: ? : ?

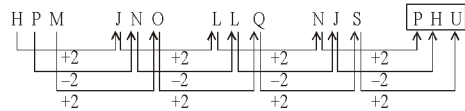11 - 10 × 11 × 11 - 1210

8 - 7 × 8 × 8 - 448

12. (A) There is difference of 3 in all the letters Similarly there is difference of 3 in all the mambers.

13. (B)

H P M   J N O   L L Q   N J S   P H U
$+2$ $+2$ $+2$ $+2$
-2 -2 -2 -2
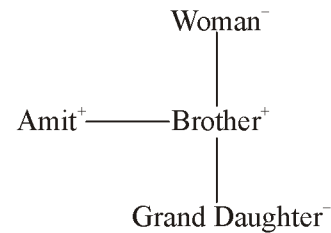$+2$ $+2$ $+2$ $+2$

14. (C) 97 : 4 :: 84 : ?

$9 - 7 = 2^2 = 4$

$8 - 4 = 4^2 = 16$

15. (C) Wars are faught at times for saving our country and pride. Unnecessary wars should be stopped.

16. (B) Woman is Amit's mother
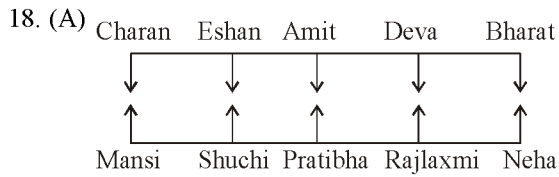
Woman$^-$

Amit$^+$———Brother$^+$

Grand Daughter$^-$

17. (A) $306 ÷ 17 × 18 − 289 + 35$

$= 18 × 18 − 289 + 35$

$= 324 − 289 + 35$

$= 35 + 35$

$= 70$

18. (A)

Charan	Eshan	Amit	Deva	Bharat
Mansi	Shuchi	Pratibha	Rajlaxmi	Neha

19. (A)

20. (D)

B	U	I	L	D	I	N	G
4	1	5	2	7	5	9	6

R	I	V	E	R
8	5	3	0	8

B	R	I	D	G	E
4	8	5	7	6	0

21. (D)

3 F,   6 G,   11 I,   18 L,   27 P

+1   +2   +3   +4

+3   +5   +7   +9

22. (D)

M O Q, $\xrightarrow{+2}$ S U W, $\xrightarrow{+2}$ Y A C, $\xrightarrow{+2}$ E G I

+2 +2   +2 +2   +2 +2   +2 +2
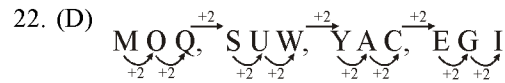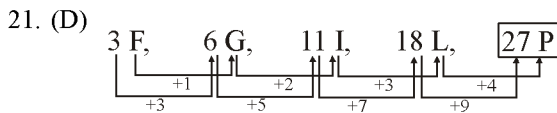
23. (C) Sum of place values.

Excel - 5 + 24 + 3 + 5 + 12 = 49

Accept - 1 + 3 + 5 + 5 + 16 + 20 = 48

24. (B)
$$\frac{(36-4)\div 8 - 4}{4 \times 8 - 2 \times 16 + 1}$$

$$= \frac{32 \div 8 - 4}{32 - 32 + 1}$$

$$= \frac{4-4}{1}$$

$$= 0$$

25. (B)

Renu⁻ ——— Ajith

Rakesh⁺ ——— Dinesh⁺

Dinesh is son of Renu.

10 Moct Test

SOLUTION

1. (C) Logic => Consonant – 1, Vowel + 5
    As,
    T – 1 = S
    O + 5 = T
    R – 1 = Q
    Q – 1 = P
    Similarly,
    X – 1 = W
    T – 1 = S
    E + 5 = J
    N – 1 = M

2. (B)

    Number ⌒ Prime
    Co-prime ✕ Composite
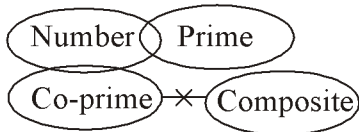
    Only I follow.

3. (C) First and last letter remain same. The others interchange their positions in pair of two. So, NL becomes LN IN becomes NI so code of ONLINE will be OLNNIE.

4. (D) After interchanging the signs × and + we have
    $(20 \times 3) + 6 \times 8 - 32 = 76$

5. (A) As,
    $15^2 = 225$ => reverse => 522
    Similarly
    $17^2 = 289$ => reverse => 982

6. (D) Except option (D), all follow the logic given below.
    (First number)^2 + 4 = Second number

7. (C) Here the rest three follows the same pattern except (V – L),

    Logic: first alphabet/ 2 = second alphabet
    So, R(18) = 18/ 2 = 9(I)
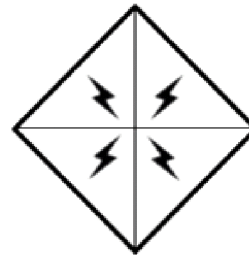   Z(26) = 26/ 2 = 13(M)
    X(24) = 24/ 2 = 12(L)
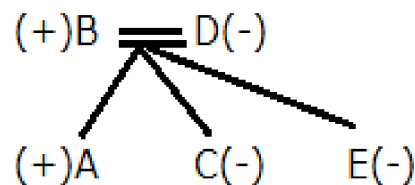   But,
    V(22) = 22/ 2 = 11 should be K instead of L.

8. (B) As it is punched in a semi-square manner and then again it gets punched. So, when we open it up there will be figure as shown in option(B).

9. (B) As per the given information;

    {Note: here (-) signs indicates female and (+) sign indicates male}.

10. (A) The pattern is - 45, - 35, - 25, ...
    i.e. 125 - 45 = 80
    80 – 35 = 45
    45 – 25 = 20
    So, missing term = 20 - 15 = 5.

11. (D) The series will be,

K M O

↓ +3

N P R

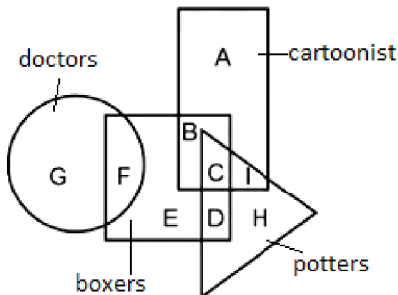↓ +3

Q S U

↓ +3

T V X

↓ +3

W Y A

So ? = WAY

Hence, option D is the correct answer.

12. (D) After carefully observing the figures given in the question, it is very clear that the question figure is embedded in answer figure (D). It is shown as given below:

13. (B) Here, FED is the set of letters that represents the area which shows that boxers who are not cartoonists.

14. (A) Logic is:

Column 1:

$9^2-13\times5=81-65=16$

Column 2:

$12^2-20\times3=144-60=84$

Column 3:
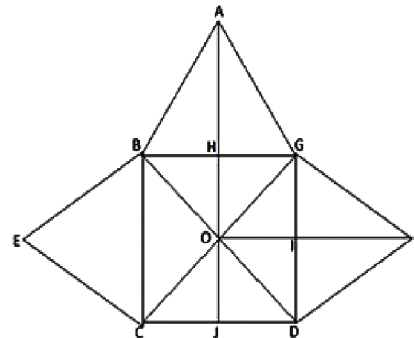
$14^2-15\times4=196-60=136$

Column 4:

$16^2-11\times9=256-99=157$

15. (D) All except pearl are different forms of Carbon. A pearl is a hard, glistening object produced within the soft tissue of a living shelled mollusc.
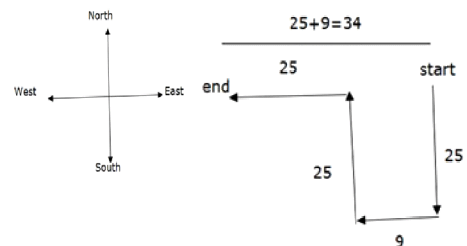
16. (B)

Triangles are: ABG, AHB, AHG, GFD, GIF, IFD, EBC,

OBG, OHB, OHG, OCD, OJC, OJD,

CGD, CBG, GBD, BCD,

OGF, OFD, OAG, OAB, OBC

OGD, OIG, OID.

There are 25 triangles in the following figure.

17. (D) following diagram can be drawn:

from the above figure, distance between his initial and final point=25+9=34km

18. (A) Ashiwini's position from the left end
    $= 15 + 6 = 21^{st}$
    Ashiwini's position from right end = Total
    boys - position from left end + 1
    Ashiwini's position from right end
    $= 37 - 21 + 1 = 17^{th}$

19. (D) Here the pattern of coding is; look for the
    common number of letters to separate them
    from uncommon numbers.
    just → 9
    go → 4
    top → 8
    hot → 5
    pot → 6
    rusk → 2
    Thus, the code of 'just' is 9.

20. (A) The pattern is:
    $22 - 7 = 15$
    $37 - 22 = 15$
    $52 - 37 = 15$
    $? - 52 = 15$
    $? = 15 + 52$
    $? = 67$

21. (A)

    Fig(1) Fig(2)

    The side contains 2 dots is common in fig(1)
    and fig(2).

Therefore, the sides contain 3, 4, 1 and 6 dots
will be consecutive side face of the side
which contain 2 dots.
So, the side contains 5 dots will be opposite
to the side contains 2 dots.

22. (D) In a plane mirror, a mirror image is a
    reflected duplication of an object that appears
    almost identical, but it is reversed in the
    direction perpendicular to the mirror surface.
    As an optical effect it results from the
    reflection of substances such as a mirror or
    water.

23. (A) The logical order is following steps of
    harvesting of crop:
    3. Seed sowing
    1. Irrigation
    4. Crop growth
    5. Fertilizing
    2. Harvesting

24. (A) Red

25. (C) 5 date - Wednesday
    19 – 1 = 18 date
    = 5 + 7 + 7 = 19 = Wednesday
    Wednesday – 1 = **Tuesday**