GSA - NoA - Mock - 2026
final

Section B

Question - 7

Q.7   A

(A)

$$x = \frac{2y}{3}$$

$$40 \quad x = \frac{2y}{3}$$

$$\frac{120}{200} \quad x = y$$

$$\frac{12}{20} \quad x = y$$

$$\frac{x}{y} = \frac{20^{5}}{12_{3}}$$

$$\frac{x}{y} = \frac{5}{3}$$

$$\boxed{5 : 3} \quad \text{Ans}$$

five is to 3 is
the ratio of
first number to
second number

Q.7 B.

B. $17B = 720$

$17x = 720$

$Loss = S.P - C.P$

$5B = 17B - C.P$

$Cost\ Price = 17B - 5B$

$= 12B$

$\dfrac{720}{12} = 60$

$\boxed{Cost\ price = 60}$ Ans

$$17\ \overline{)720}\ (\ 42.3$$

68

040

34

60

51

90

Q.7 >:

>>

first, find how many
3 Pages together type
                in 1 hour

$$\frac{32}{6} + \frac{48^8}{6_1}$$

$$\frac{32}{6} + \frac{8}{1} \qquad \text{take LCM}$$

$$\frac{32}{6} + \frac{48}{6}$$

$$\frac{\cancel{80}\,40}{\cancel{6}_3}$$

```
   5.33
6 | 32
     30
     20
     18
     20
```

Now how much time to type 110 Pages

Pages	hour
40/3	1
110	x

$$\frac{40 x}{3} = 110$$

$$40 x = 330$$

$$\boxed{x = 8.25 \text{ hours}}$$

to type 110 pages Ans

```
    8.25
4 | 33
    32
    10
     8
     2
```

Question 8

A.

B A   →   Condition 1

A E C   → Condition 2

D B   →   Condition 3

hence:

D B A E C   Low/

$\boxed{A}$ is in the middle

Ans.

Q.8 B

B.

Second run
5km

3rd run
5km

1st run
4 km

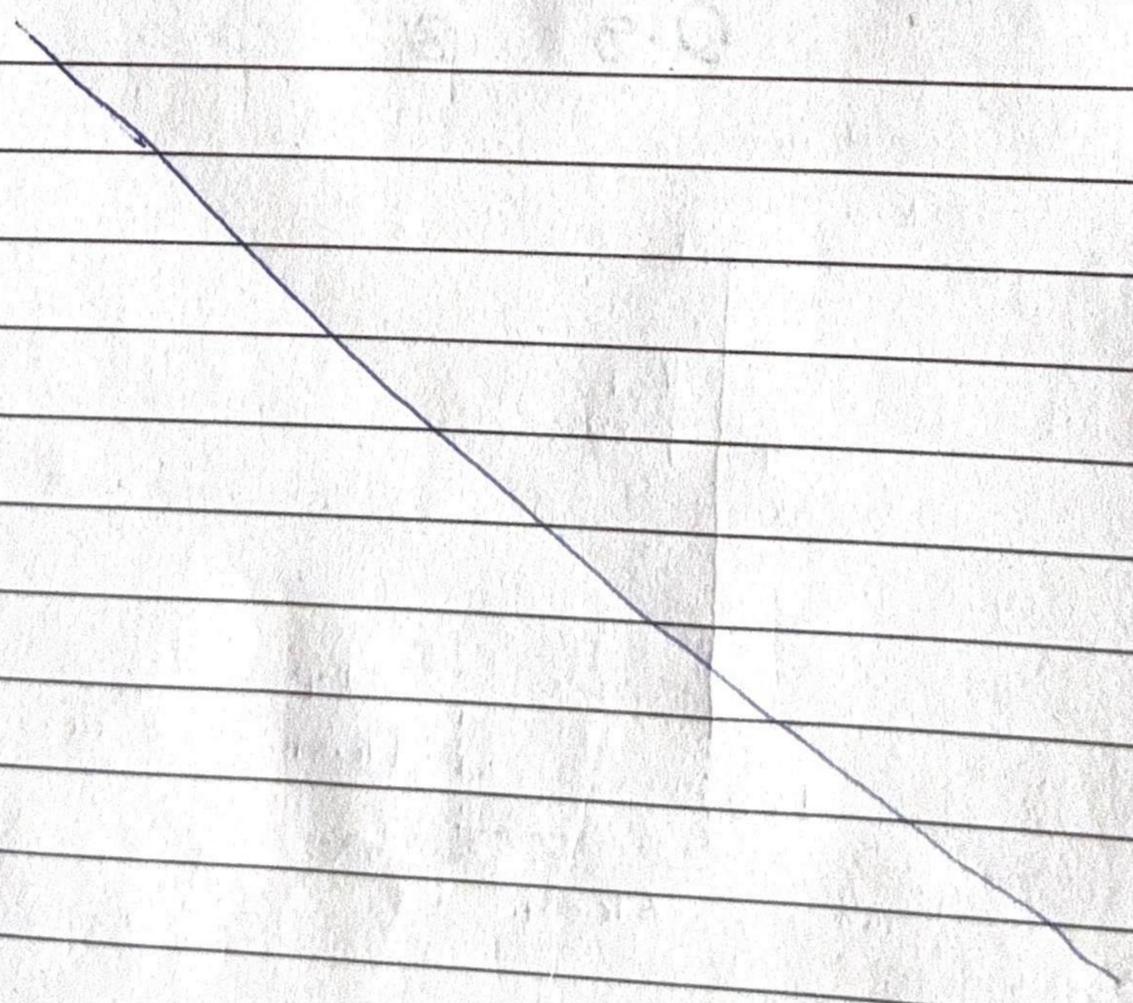Start
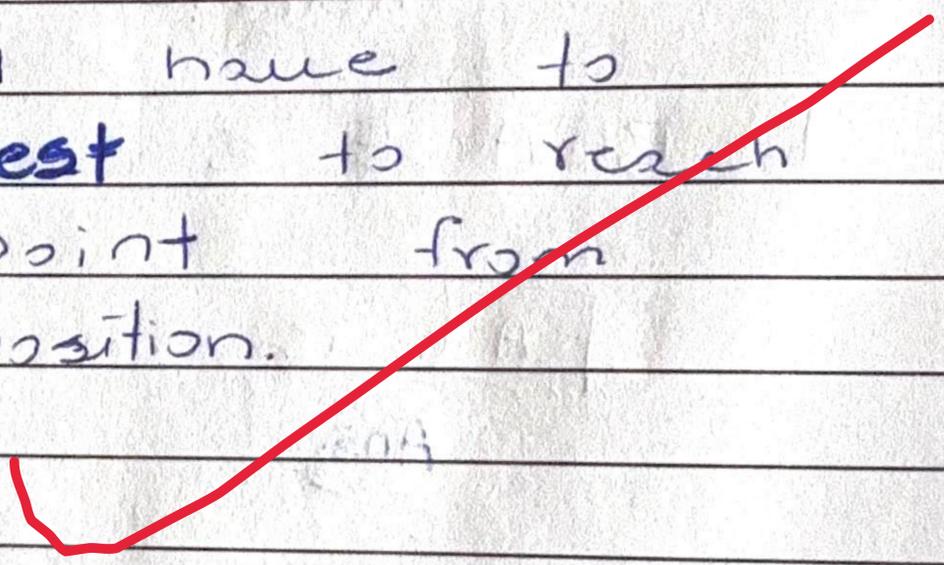1km

Stop
1km   5th run

4th run   6km
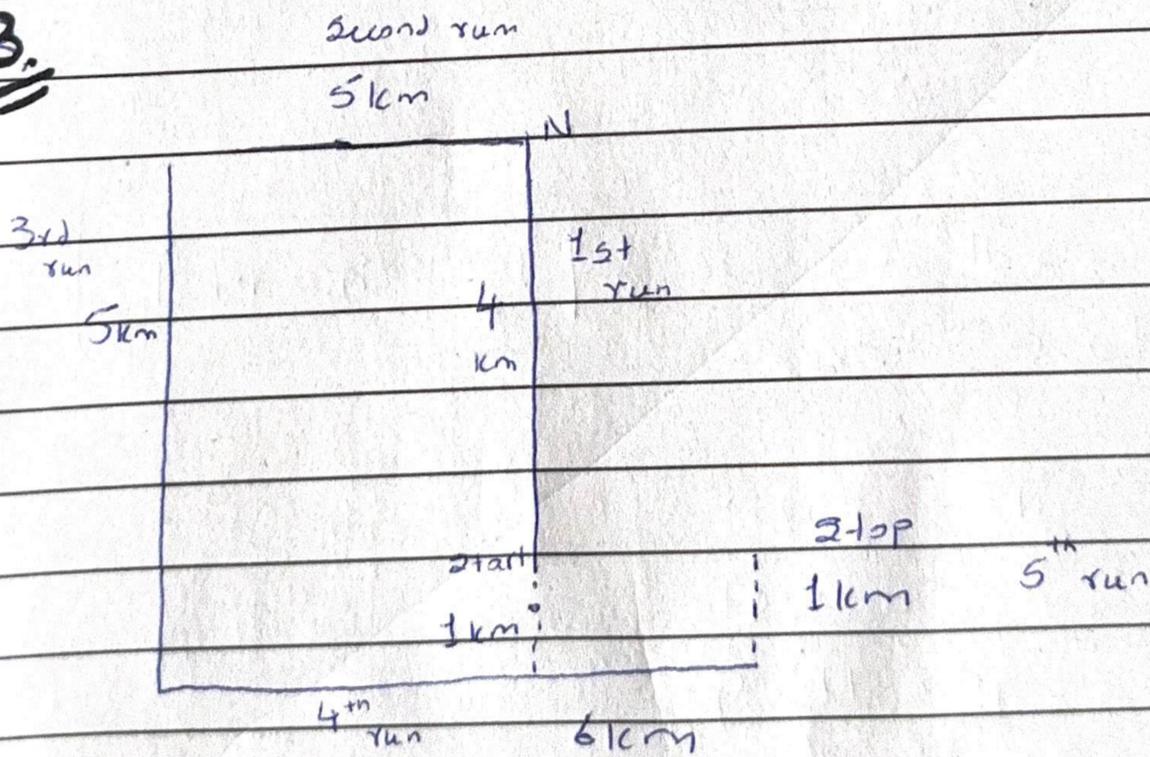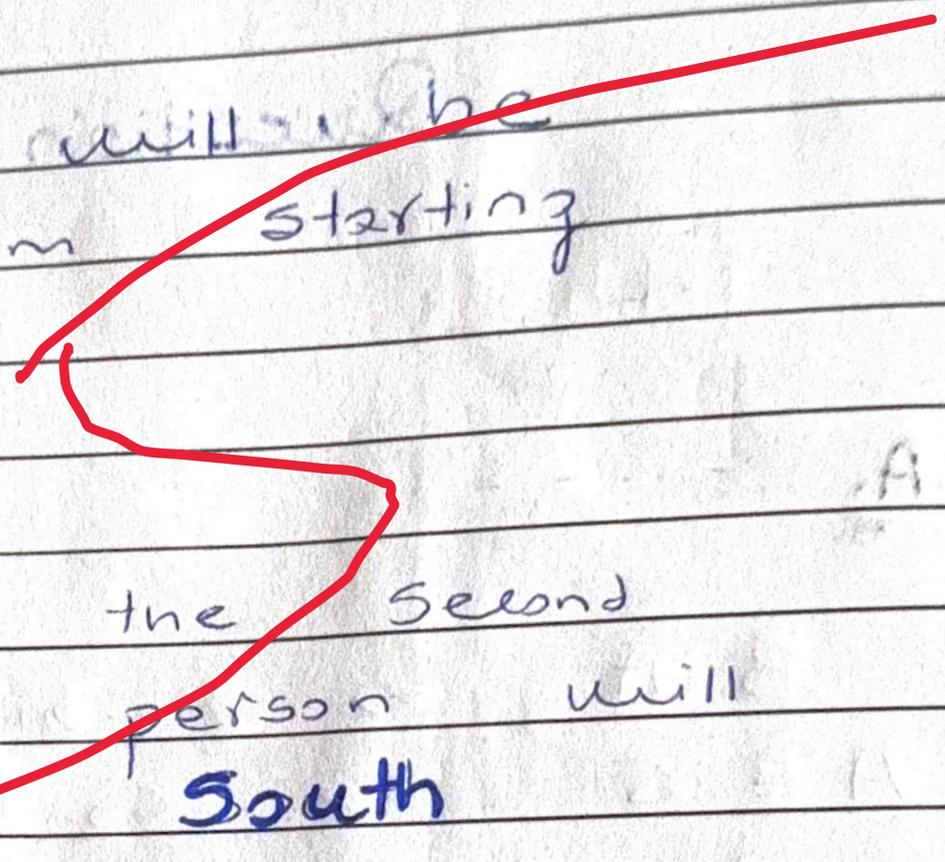
Answers

1. **1** km away from starting place

2. Direction 2 will be **East** from starting position.

3. After taking the second turn, the person will be turning **South**

4. Person will have to run **West** to reach starting point from finishing position.

Q.8

C.

C.

THRSI — SHIRT

AOTC — COAT

EOUBSL

BOUSEL

BLOUSE

KTRIS

SKIRT

RETAEWS

SWEATER

SKIRT is the odd one out

Ans.

Q. 8

D.

D.

→ likewise

B
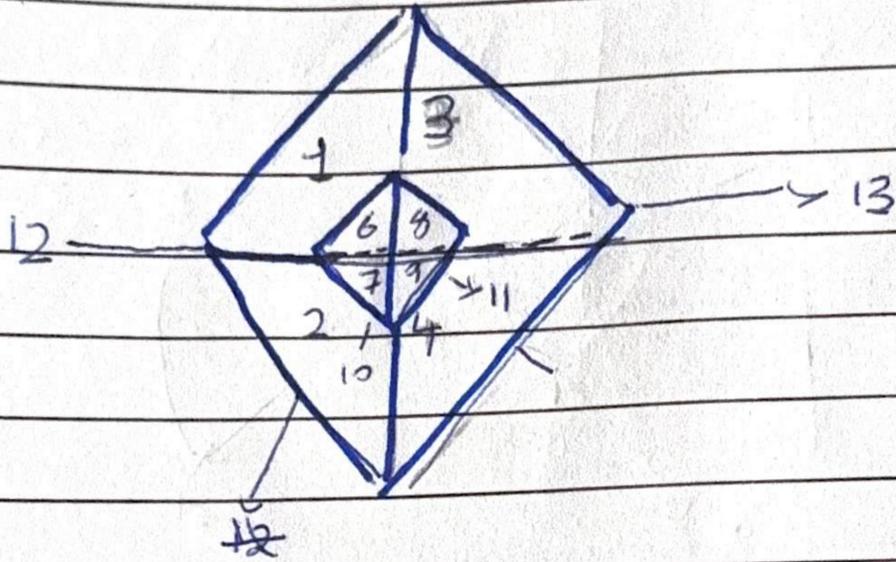
13 answell

→ common point between
  two triangles →
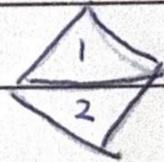
13 + 13 + 2 = 27 triangles

27 triangles in total

Ans //

Question 4

Q.4   A

heart

Blood Vessels

→ oxygenated blood carried through blood vessels

oxygenated
Pumps blood
around the
body through
the blood vessels

Q.4 B.
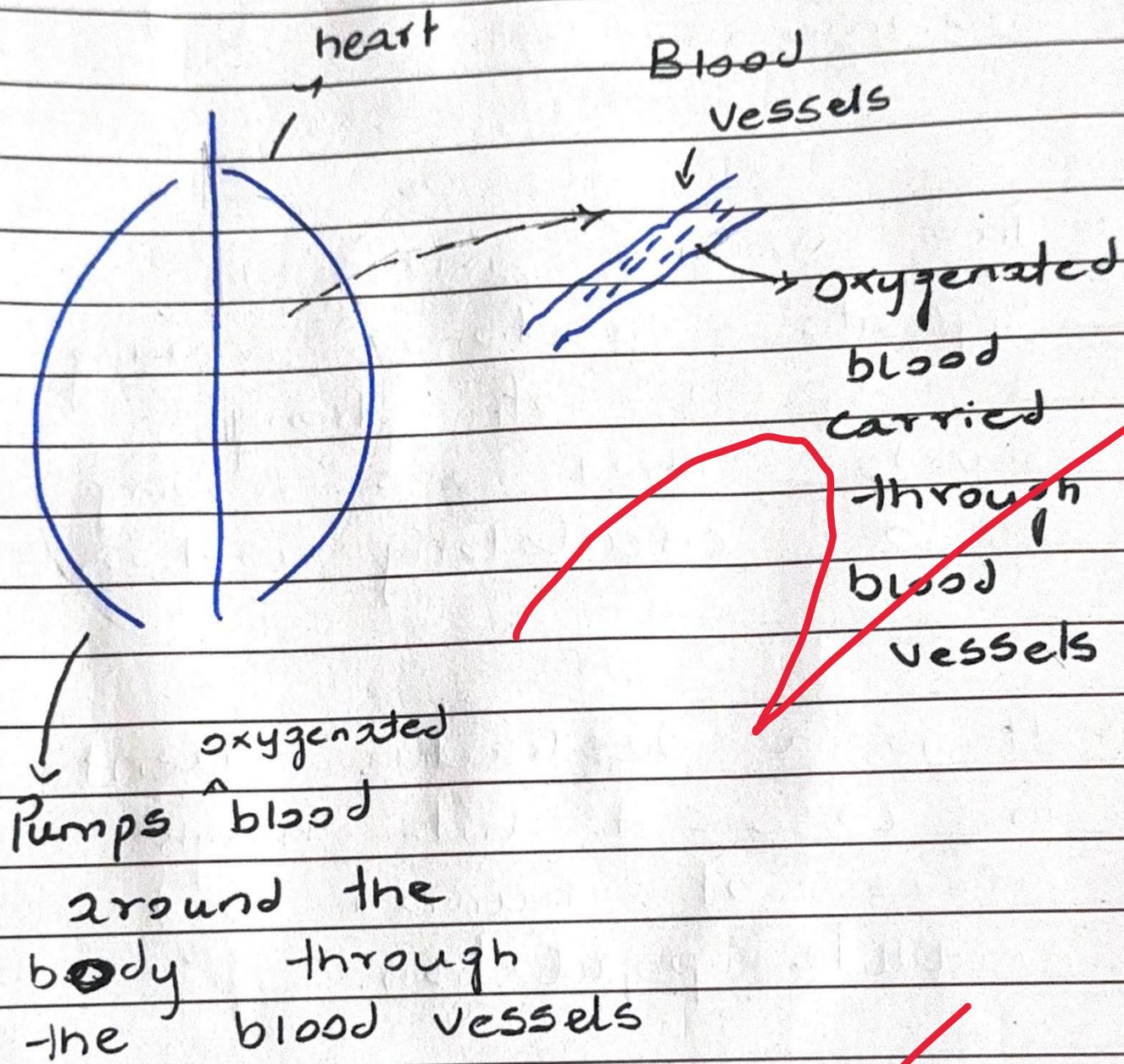
b. ## Cyclone

→ is a natural occuring phenomenon

→ The winds move in opposite directions making a spiral of strong winds that are moving in a circulatory motion

→ It is a destructive event in case it hits heigh areas of human and wildlife population.

Formation of cyclone

Stage 1	Stage 2	Stage 3	Stage 4
Sky			

Surface

cyclones are formed when the warm air of the surface and cold air of the air meet as illustrated above
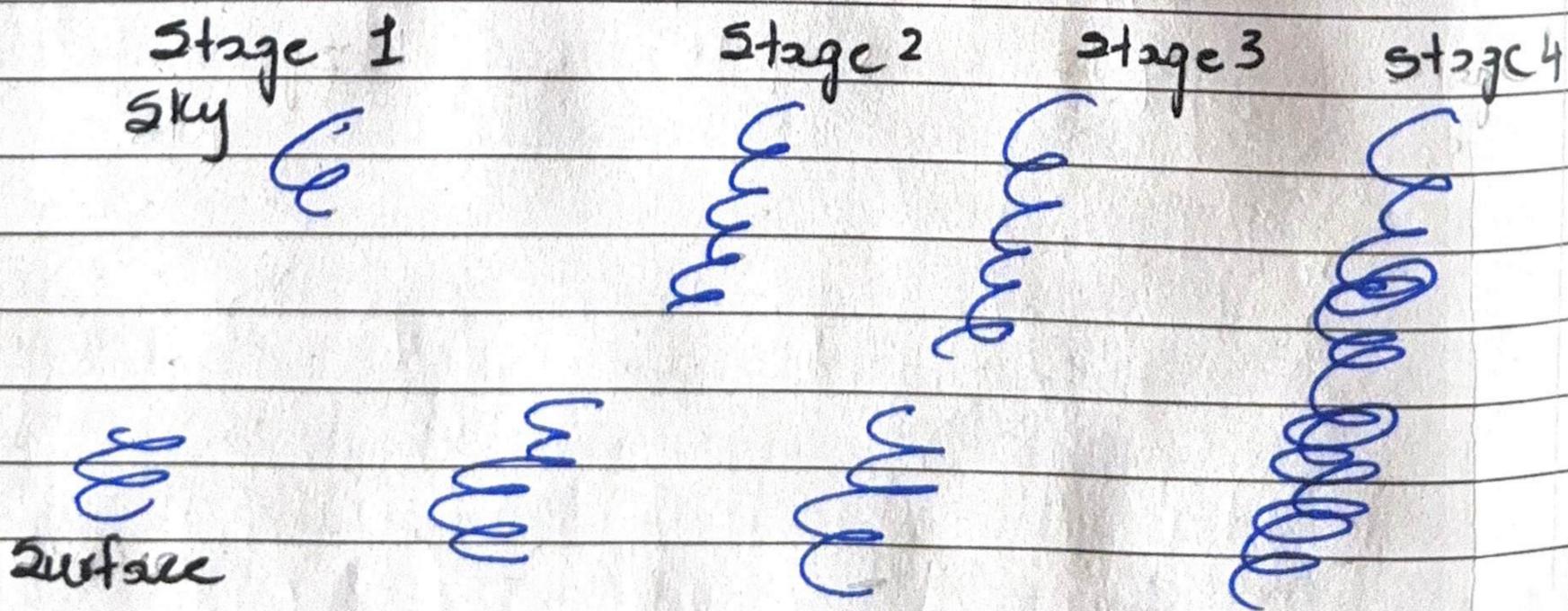
Q.4

c

c. Functions of

Carbohydrates → quick source of energy

Proteins → helps in growth/repair of muscle and tissues

Fats → slow release of energy to the body ; essential for brain functioning optimally

Calcium - helps keeps bones strong

Iron - helps in keeping blood healthy

Q.4

D.

Remote Sensing allows the scientists and environmental protectionist to see satelite images of different landscapes and sea.

→ Early warning of storms through remote sensing weather patterns predicted and forecasted earlier

to warn people to
evade a place.

→ Cyclone predicted and
their trajectory
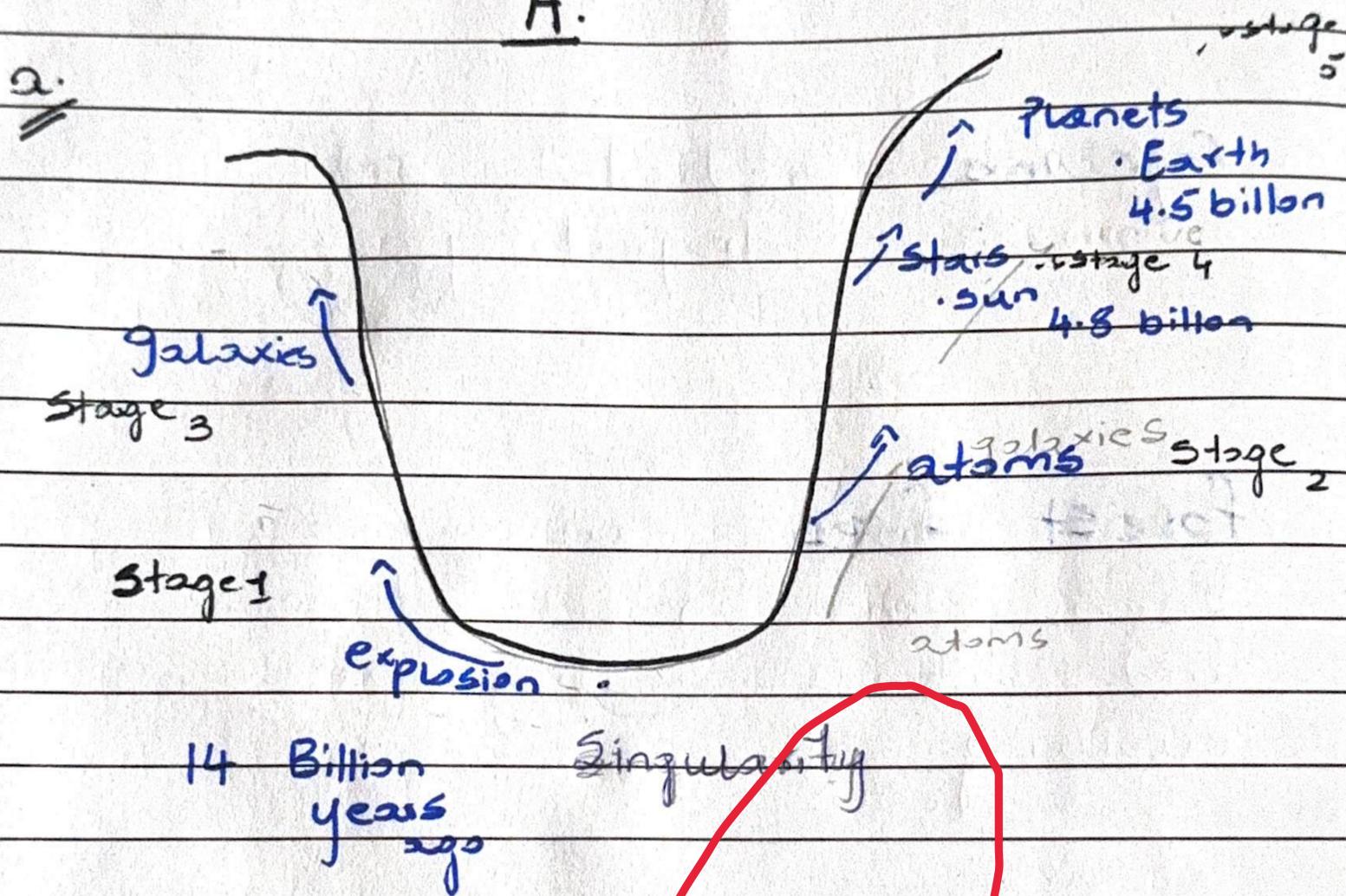
→ forest fires can be
seen in real time
and how they are
evolving

Protection of natural
habitat

→ deforestation can be
prevented/reduced by
catching areas those
who commit it through
mapping of pain-point
areas.

Question - 2

A.

a.

Stage 3 — galaxies

Stage 1

explosion

14 Billion years ago

Singularity

atoms — galaxies Stage 2

Stars — Stage 4
· sun
4.8 billion

Planets
· Earth
4.5 billion
stage 5

atoms

The universe according to
Bing Bang theory was
in one dense atom called
Primeval Atom — intensely hot —
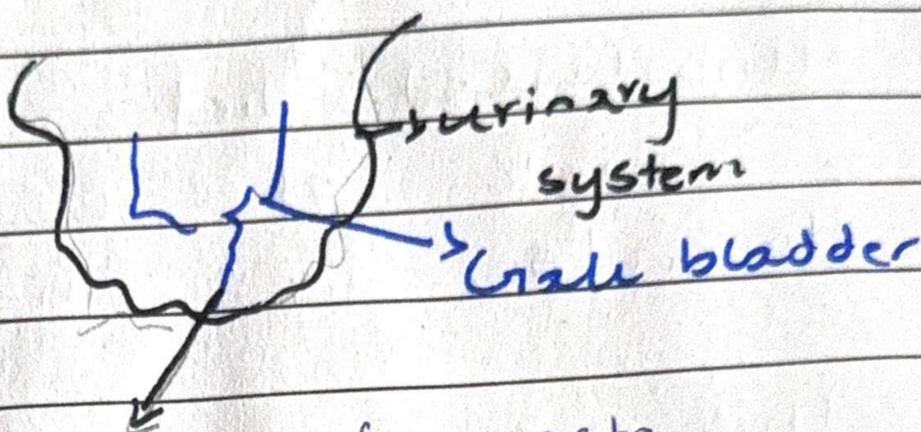that exploded and lead
to the formation of
universe.

→ After this other atoms
formed, that galaxies
after that stars, planet
and so on and so
forth.

Q.2 B.

B. Urinary system

urine — disposal of waste

decomposes all of the waste from the liver and the kidneys in liquid form and helps keep the body clean

Working of nephron

help in transportation of essential antibodies to combat disease and enhance immunity of body.

Q.2 C.

c/ Unbalanced diet

Unbalanced diet refers to the lack of essential nutrients in the diet.

-> This can involve lack of proteins to build muscles or vitamins being for effective functioning of organs.

How it affects healthy living?

-> a person can become more susceptible/ vulnerable to diseases

e.g lack of vitamin k increases likelihood of blood clotting.

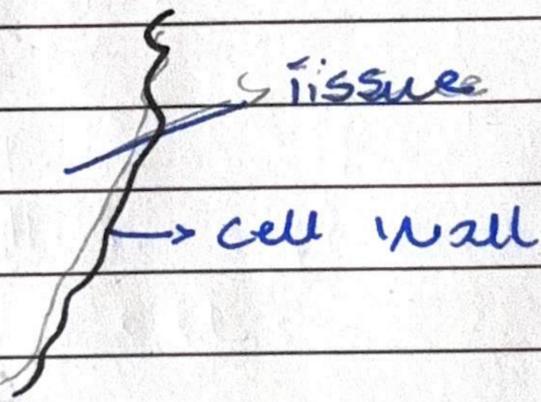-> A individual cannot carry out daily tasks to the best of their ability

e.g back of vitamin A causes night blindness making it difficult to drive.
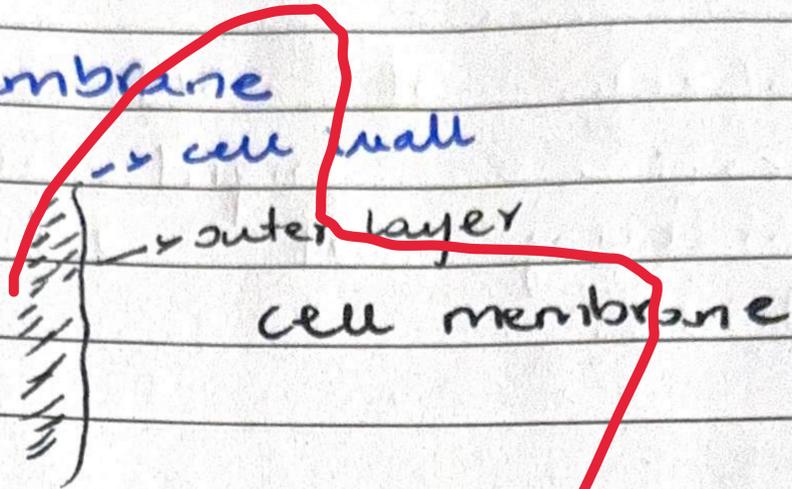
Q.2

▷:   ▷:

Cell wall

{ Tissue

→ cell wall

Cell wall protects human organs by giving protective cover to tissues.
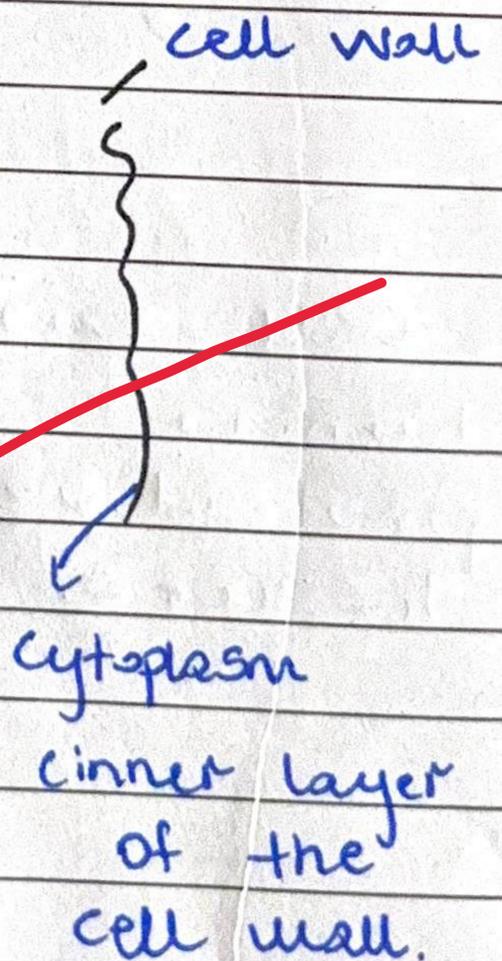
Cell membrane

→ cell wall
→ outer layer
cell membrane

is the outer layer of cell wall that gives protection to organs and tissues

Cytoplasm

is the inner layer of the cell wall that gives protection against harm to organs

cell wall

Cytoplasm
(inner layer of the cell wall.

mitochondria

 → mitochondria
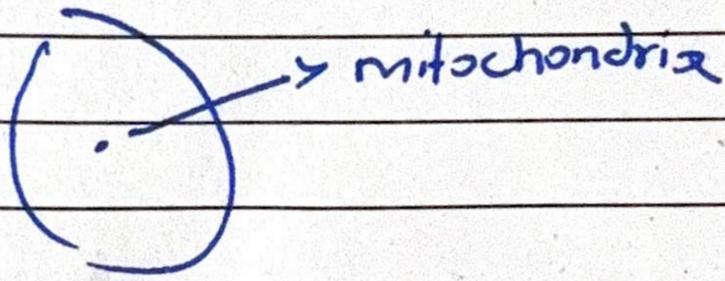
is the powerhouse of the cell.