

SUVA SANGAM COLLEGE

YEAR 10

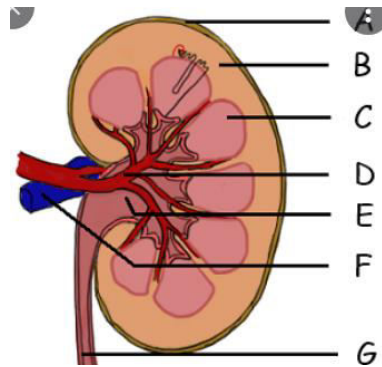
BASIC SCIENCE

WORKSHEET 4

Question 1

- i) Differentiate between respiration and breathing.
- ii) Which specific part of the lung is oxygen and carbon dioxide exchange?
- iii) State some adaptive features of the lungs that have enable it to efficiently exchange gases.

Question 2

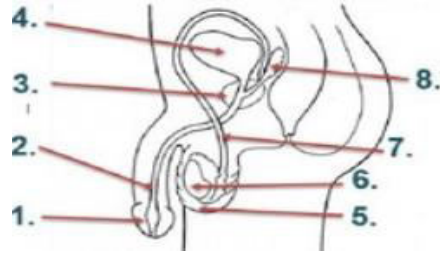


- (i) Name the parts labelled **B**, **C** and **F**
- ii) What is the filtering unit of the kidney?
- iii) Identify **two** products that are reabsorbed by the kidneys.

Question 3

- i) Label the parts of the male reproductive organ

| Word Box | | |
|----------------|-----------------|--------------------------|
| Testis | Urinary Bladder | Penis |
| Prostate Gland | Scrotum | Vas deferens/ Sperm duct |
| Urethra | Seminal vesicle | |



ii) Fill in the blanks

| Word Box | | | |
|--------------|-----|-----------|----------|
| Testosterone | sex | Oestrogen | hormones |

During puberty special chemicals are released into the bloodstream. These chemicals are called s_____ h_____. The hormone produced in the boy's testis are called _____. As for girls the hormone produced in the ovaries are called _____.

iii) Describe some changes that can be observed in male during puberty.