

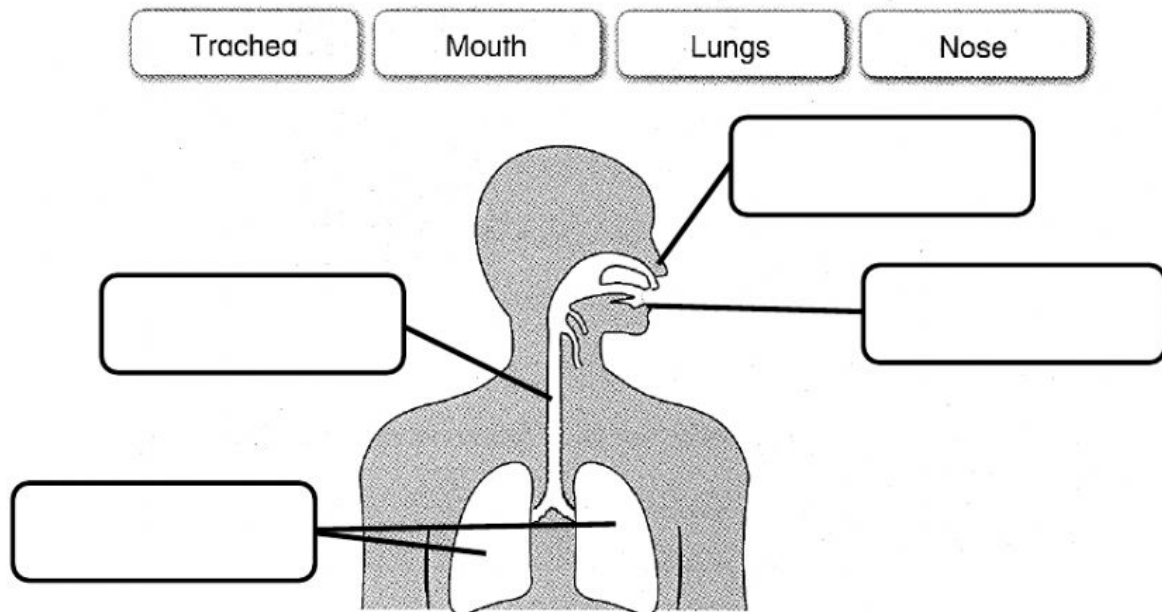
**SCIENCE YEAR 4
(UNIT 2 : HUMAN)**

Instruction: Answer all the questions in the space provided.

Arahan: Jawab semua soalan di dalam ruang yang disediakan.

1. (a) **Label** correctly based on the choice of answers given below. (4 marks)

Labelkan pilihan jawapan mengenai nama organ yang terlibat dalam proses pernafasan. (4 markah)



- (b) List the breathing organ involved. (3 marks)

Nyatakan organ pernafasan yang terlibat (3 markah)

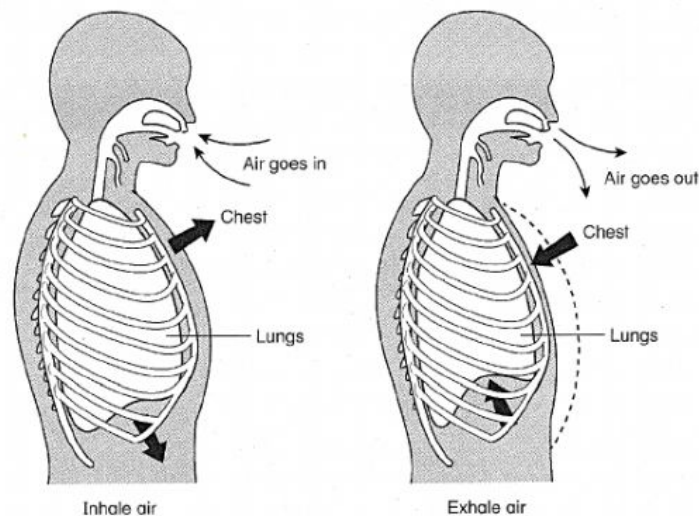
(i) _____

(ii) _____

(iii) _____

2. The diagram below shows the movement of the chest while inhaling and exhaling air.

Rajah di bawah menunjukkan pergerakan dada sewaktu menarik nafas dan menghembus nafas.



- (a) Explain what happens when we inhale and exhale air. Complete the table below. (3 marks)

Jelaskan apakah yang akan berlaku apabila menarik dan menghembus nafas.

Sila memenuhi jadual yang disediakan. (3 markah)

Activity / Aktiviti	Inhalation / Menarik nafas	Exhalation / Mengahembus nafas
Movement of chest / Pergerakan dada	i. Up ii.	i. ii. Deflates
Passage of air / Aliran udara	Nose → Trachea → Lungs	→ Trachea →
Oxygen content / Kandungan oksigen		Less oxygen
Carbon dioxide content / Kandungan karbon dioksida	Less carbon dioxide	more carbon dioxide

- (b) What is meant by breathing rate? Fill in the blanks (1 mark)

Apakah yang dimaksudkan dengan kadar pernafasan? (1 markah)
