



SHIKSHA CLASSES

BOARD QUESTION PAPER

Subject : Biology

Ch.: 8. Respiration and Circulation

Total Marks : 25

Class : XII

Time : 1 Hr.

Section A

Q. 1.: Select and write the most appropriate answer from given alternatives in each sub-question. 4

- i) A cardiac cycle completes in.....
a) 0.3 sec b) 0.5 sec c) 0.7 sec d) 0.8 sec
- ii) The ECG is useful to detect.....
a) Heart sound b) Arteriosclerosis
c) Heart attack d) To measure blood pressure
- iii) Which of the following respiratory disorder is caused due to virus.
a) Asthama b) Pneumonia c) Silicosis d) asbestosis
- iv) The nasal cavity is divided into right and left nasal chambers by a
a) sphenoid b) palatine c) mesethmoid d) zygomatic

Q. 2: Write the answer in ONE sentence: 2

- i) Name the instrument that is used to measure the blood pressure.
ii) Define: Respiration.

Section B

: Attempt any THREE.

- Q. 3:** Draw well labelled diagram of external structure of human heart.
Q. 4: Sketch and label larynx.
Q. 5: What is the action of carbonic anhydrase in the RBCs of blood?
Q. 6: What is Haldane effect?

Section C

Attempt any THREE. 9

- Q. 7:** What is Circulation? Describe the conducting system of Human Heart.
Q. 8: Explain cellular respiration.

Q. 9: Sketch and label human respiratory system.

Q. 10: Write the function of blood

Section D

: Answer the following : (ANY 1)

4

Q. 11: With the help of a well labelled diagram describe the external structure of Human Heart.

Q. 12: Explain exchange of gases at the alveolar level.

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