

## Biology Fsc Part 1 Chapter 13 Online Test

Sr	Questions	Answers Choice
1	Air spaces between mesophyll cells of a leaf comprise _____ of the total volume	A. 20% B. 30% C. 40% D. 50%
2	The respiratory system is most efficient in _____	A. Man B. Bird C. Fish D. Snake
3	Respiratory pigment present in muscles is called _____	A. Myoglobin B. Globin C. Haemoglobin D. Haemocyanin
4	Blood contains _____ oxygen per 100 ml of blood when haemoglobin is 98% saturated	A. 19.6 ml B. 18.6 ml C. 16.6 ml D. 17.6 ml
5	How much air can lungs when they are fully inflated	A. 5 liters B. 4 liters C. 3.5 liters D. 4.5 liters
6	Water is dense than air	A. 800 times B. 1800 times C. 8000 times D. 80,000 times
7	Xylem and phloem are not involved	A. In transport of minerals B. In transport of liquids C. In transport of gases D. In transport of water
8	In the peroxisomes the glycolate is converted into	A. Serine B. Ethanolamine C. Glycine D. CO <sub>2</sub>
9	The main tracheal trunk in cockroach communicates with exterior by	A. 100 pairs B. 10 pairs C. 8 pairs D. 4 pairs
10	The heart of the fish is single circuit and the blood flows in	A. Two direction B. One direction C. One and two direction D. Reverse direction
11	Walls of the chest cavity are composed of	A. Ribs B. Intercostal muscle C. Ribs and intercostal muscle D. Ribs, intercostal muscle and diaphragm
12	The normally human blood absorbs the amount of oxygen at sea level is about	A. 200 ml/100 ml of blood B. 20 ml/100 ml of blood C. 19.6 ml/100 ml of blood D. 02 ml/100 ml of blood
13	When blood leaves the capillary bed most of the carbon dioxide is in the form of	A. Carbonate ions B. Bicarbonate ions C. Hydrogen ions D. Hydroxyl ions
14	The irritant substances of smoke generally cause	A. Smoker's hiccough B. Smoker's sneeze C. Smoker's yawning D. Smoker's cough
15	During exercise the breathing rate may rise to	A. 30 times per minute B. 20 times per minute C. 25 times per minute D. 22 times per minute

		D. 35 times per minute
16	Emphysema is breakdown of	A. Muscles B. Capillaries C. Alveoli D. None of these
17	Heart burn is a painful sensation in the	A. Stomach B. Small intestine C. Chest cavity D. Pharynx
18	Water is more viscous than air.	A. 10 times B. 20 times C. 50 times D. 100 times
19	During photorespiration, glycine is converted into serine in the	A. Golgi bodies B. Chloroplast C. Mitochondria D. Ribosome
20	During photorespiration, glycolate diffuses in to the membrane bounded organelle named as	A. Mitochondria B. Ribosome C. Peroxisome D. Golgi bodies
21	The main site of exchange of gases in plants are	A. Cuticle B. Lenticel C. Stomata D. Epidermis
22	The exchange of gases between the organism and its environment is called.	A. Respiration B. External respiration C. Cellular respiration D. Anaerobic respiration
23	Oxygen content of fresh air are	A. 200 ml/litre B. 10 ml / litre C. 100 ml / litre D. 150 ml / litre
24	Respiratory activity which occurs in plants during day time is called.	A. Respiration B. Transpiration C. Photorespiration D. Cutaneous respiration
25	Rubisco is the most abundant protein in	A. Golgi bodies B. Chloroplast C. Nucleoli D. Mitochondria
26	Spiracles are found in	A. Fish B. Cockroach C. Leech D. Earth worm
27	The most abundant protein in chloroplast and probably most abundant protein in the world is	A. Hemoglobin B. Rubisco C. Insulin D. Globulin
28	A liter of H <sub>2</sub> O contains ml of oxygen.	A. 10 B. 20 C. 30 D. 40
29	Rubisco reacts with oxygen instead of CO <sub>2</sub> during.	A. Glycolysis B. Respiration C. Krebs cycle D. Photorespiration
30	Number of spiracles in cockroach is	A. 20 pairs B. 10 pairs C. 06 pairs D. 08 pairs
31	Tiny thin walled ducts called parabronchi are present in the lungs of.	A. Mammals B. Reptile C. Birds D. Amphibians
32	Lungs of birds have thin walled ducts called.	A. Alveoli B. Trachea C. Bronchi D. Parabronchi
33		A. Man B. Cat

33	Parabronchi are present in	B. Cat C. Birds D. Frog
34	Number of air sacs in birds is	A. 6 B. 7 C. 8 D. 9
35	Blood is not involved in transport of gasses in.	A. Frog B. Man C. Earthworm D. Cockroach
36	Respiratory organs in fish are	A. Lungs B. Gills C. Skin D. Fins
37	Most elaborate and efficient respiratory system is present in.	A. Man B. Fish C. Bird D. Frog
38	In earthworm exchange of gases mainly takes place through.	A. Gills B. Lungs C. Skin D. Ostia
39	The number of pairs of spiracles in abdominal segments of cocroach are	A. 2 B. 8 C. 10 D. 12
40	In birds the organ of voice is called.	A. Vocal card B. Larynx C. Syrinx D. Parabronchi
41	During breathing no stale of air remains in the lungs of.	A. Mammals B. Amphibian C. Birds D. Sarracenia
42	Pleura is double layered thin membrane that covers.	A. Heart B. Liver C. Lungs D. Kidneys
43	Which one is the structure of respiratory system of man.	A. Larynx B. Syrinx C. Esophagus D. duodenum
44	Lungs are covered by double layered thin membranous sacs called.	A. Pleura B. Larynx C. Air sacs D. Diaphragm
45	All are made up of cartilage except	A. Trachea B. Bronchiole C. Larynx D. Bronchi
46	Which is correct order of parts of air passage ways in man.	A. Nostrils, Nasal cavity, Pharynx, Larynx B. Nasal cavity, Nostrils, Pharynx, Larynx C. Nasal cavity, Pharynx, Nostrils, Larynx D. Nostrils, Pharynx, Larynx, Nasal cavity
47	Respiratory distress syndrome is common in	A. Adults B. Old age people C. Premature infants D. All new borns
48	Why hemoglobin is 98% saturated, the oxygen content per 100 ml of blood is.	A. 19.6 ml B. 18.6 ml C. 17.6 ml D. 16.6 ml
49	_____ is more important regulator of breathing process.	A. Oxygen B. Carbon di oxide C. Myoglobin D. Hemoglobin
		A. 1% B. 2%

50	Plasma proteins carry about _____ % CO <sub>2</sub> from body fluids to lungs.	B. 2% C. 4% D. 5%
51	Carbon di oxide per 100 ml of venous blood is.	A. 50 ml B. 54 ml C. 98 ml D. 99 ml
52	100 ml of arterial blood of human being contains CO <sub>2</sub>	A. 50 ml B. 54 ml C. 56 ml D. 58 ml
53	Breakdown of Alveoli of lungs is called.	A. Asthma B. Lungs cancer C. Emphysema D. Tuberculosis
54	Emphysema is a disease caused by the breakdown of.	A. Lungs B. Bronchi C. Alveoli D. Trachea
55	Emphysema is the breakdown of	A. Trachea B. Bronchi C. Alveoli D. Bronchioles
56	More than ten compounds of tar of tobacco smoke are included in causing.	A. Cancer B. Asthma C. Emphysema D. Tuberculosis
57	Asthma is associated with severe paroxysm of difficult.	A. Sleeping B. Walking C. spoking D. Breathing
58	Respiratory pigment present in muscle is called.	A. Hemoglobin B. Globulin C. Myoglobin D. Hemocyanin
59	How many molecule of oxygen can bind with a molecule of myoglobin.	A. 4 B. 3 C. 1 D. 2
60	How much air lungs can hold when they are fully inflated.	A. 5 liters B. 4.5 liters C. 4 liters D. 3.5 liters
61	The volume of air taken inside the lungs and expelled during exercise is about	A. 2.5 liters B. 3.5 liters C. 4.5 liters D. 1.5 liters
62	Myoglobin occurs in	A. Red blood cells B. White blood cells C. Plasma D. Muscle fibres
63	Air spaces between mesophyll cells of a leaf comprise _____ of the total volume	A. 20% B. 30% C. 40% D. 50%
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91	Rubisco reacts with oxygen instead of CO <sub>2</sub> during.	A. Glycolysis B. Respiration C. Kreb cycle D. Photorespiration
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