The part of blood without cell is following

a) Water

b) Lymph

c) Serum

d) Plasma

Hemoglobin is found in the

a) platelets

b) red blood cells

c) Dissolved in the plasma

d) white blood cells

Someone, who is suffering from anemia has

a) Not enough functional hemoglobin

b) Not enough platelets

c) Not enough plasma

d) Not enough white blood cells

The average pulse of a healthy adult in rest is approximately

a) 60 to 80 beats/min

b) 30 to 50 beats/min

c) 90 to 100 beats/min

d) 110 to 150 beats/min40

With a heart rate of 72 beats per minute and a stroke volume of 70 ml the cardiac output is likely to be

a) 7 liters/min

b) 6 liters/min

c) 5 liters/min

d) 8 liters/min

At rest the cardial output (the quantity of blood the heart pumps in one minute) of adult is approximately

a) 75 liters/min

b) 250 ml/min

c) 45 liters/min

d) 5 liters/min

The heart muscle is supplied with blood from

a) The coronary arteries

b) The auricles

c) Ventricles

d) The pulmonary veins

The normal rate of breathing of an adult at rest is about

a) 72 cycles per minute

b) 4 cycles per minute

c) 32 cycles per minute

d) 16 cycles per minute

The volume of air being exchanged during a tidal volume is approximately

a) 150 ml of air

b) 350 ml of air

c) 500 ml of air

d) 75 ml of air

The oxygen is transported around the body tissue by

a) red blood cells combined with nitrogen and water vapour

b) red blood cells combined with carbon dioxide

c) red blood cells combined with hemoglobin

d) red blood cells combined with nitrogen and plasm

The factor, which plays the most important role in the risk of coronary h is

a) family history

b) smoking and alcohol

c) obesity

d) lack of exercise

12. The carcinogenic ingredient in a cigarette is

a) Nicotine

b) Tar

c) Tobacco

d) The wrapping paper

13. The normal range of blood pressure in human is approximately

a) systolic 120 mm Hg and diastolic 80 mm Hg

b) systolic 80 mm Hg and diastolic 120 mm Hg

c) systolic 120 mm Hg and diastolic 120 mm Hg

d) systolic 80 mm Hg and diastolic 80 mm Hg

14. Hypotension describes the condition of

a) high blood pressure

b) high pulse rate

c) low blood pressure

d) low pulse rate

15. Hemoglobin has a preference to carbon monoxide over oxygen for transportation tissue by blood is by a factor of approximately

a) 100-150

b) 210-250

c) 200

d) 100-200

16. Cardiac output i.e. the quantity of blood pumped by the heart per unit time is gi by the product of

a) stroke volume and the heart rate (pulse rate)

b) stroke volume and viscosity of the blood

c) pulse rate and strength of the ventricle muscle

d) pulse rate only

Answers:

1.d

2.b

3.a

4.a

5.c

6.d

7.a

8.d

9.c

10.c

11.a

12.b

13.a

14.c

15.b

16.a