NTSE Q Bank (Life Processes)

1) The concentration of	urea is least in:		
(a) Renal artery aorta	(b) Renal vein	(c) Post canal	(d) Dorsal
2) Blood is composed of (a) Plasma and red blood (c) Red and white blood and platelets	ood cells		formed elements ells, white blood cells
3)Stomata are present of (a)Upper surface only surface	on the (b)Lower surface only	of the leaves. (c)Mostly upper surf	ace (d)Mostly lower
4)The ascent of sap in p (a)Root pressure	lants takes place due to (b)Transpiration pull	(c)Both (a) and (b)	(d)Osmosis
5) carrie (a)Pulmonary artery	s oxygenated bloo(d) (b)Hepatic portal vein	(c)Pulmonary vein (c	d)All of the above
6)The main cells presen (a)Red blood cells (t in lymph are b)Platelets (c)Lympho	ocytes (d)Monocytes	
7)The numbers of ATP rand (a)2 and 38 (b)0 and			bic respiration are
8)Respiratory surface sh (a)Permeable (b)Th	nould he nin (c)Richly supplied	with blood vessels	(d)All of the above
. ,	piration	while sleeping	
10)In the lunch, you ate and a sugar candy. Whice (a)Boiled green veget (c)Boiled egg		ay have been digested of cooked meat	
11)In mitochondrion, the (a)Inner membrane F ₁ particles	proton gradient require (b)Inter-membrane spa		
12)Bicuspid and tricuspi (a)Ventricular systole		_	(d)Late joint diastole
13)Typical 'lubb-dupp' so (a)Closing of bicuspic (b)Closing of semi lui (c)Blood under press (d)Closure of bicuspic	d and tricupid valves na valves		

14)In adult man, normal BP is : (a)100/80 mm Hg (b)120/80 mm Hg (c)100/120 mm Hg (d)80/120 mm Hg
15)Polycythemia is- (a)Increased RBCs count (b)Decreased WBCs count (c)Increased WBCs count (d)Decreased platelets count
16)The coagulation of blood occurs due to (a)Change of fibrinogen in the network of fibre (c)Destruction of leucocytes (d)Formation of serum.
17)William Harvey is known for discovery of (a)Blood circulation (b)Blood clotting (c)Respiration (d)Digestion
18)Cardiac cycle in man takes about (a)0.5 seconds (b)0.3 seconds (c)1.2 seconds (d)0.8 seconds
19)Substrate which is not filtered through glomerulus: (a)Plasma (b)Glucose (c)Blood corpuscles (d)Urea
20)The interior of a cow-dung pile kept for a few days is quite warm. This is mostly because: (a)Cellulose present in the dung is a good insulator (b)Bacterial metabolism inside the dung releases heat (c)Undigested material releases heat due to oxidation by air. (d)Dung is dark and absorbs a lot of heat
21)In man, which blood vessel takes away blood from kidney? (a)Afferent arteriole (b)Efferent arteriole (c)Renalartery (d)Renal portal vein
22)In which of the three groups of the following mammals is uric acid also excreted out: (a)Carnivora, insectivora and marsupials (b)Elephants, chiroptera, primates (c)Logomorpha, man, horse (d)Man, apes, dalmatian dog
23)Waste product/s produced by plants is/are (a)CO ₂ (b)Water (c)Oxygen (d)All of these
24)Salivary amylase converts starch into (a)maltose (b)sucrose (c)glucose (d)none of the above
25)Mastication occurs in (a)Mouth (b)Oesophagus (c)Stomach (d)Ileum
26)Normal human breathing rate is (a)20-25 times per minute (b)15-18 times per minutes (c)72 times per minute (d) 40-45 times per minute
27) is the only fluid tissue in our body (a) blood (b) hormones (c) enzymes (d) urine
28) Which blood cells helps in clotting of blood? (a) RBC (b) WBC (c) Platelets (d) All of the above

) is the instrument used to measure blood pressure (a) Stethoscope (b) Sphygmomanometer (c) Electro cardiogram Haemocynometer			
30) The function of tracheal hairs is to - (a) pass mucus out (b) pass mucus in (c) pass air out (d) pass air in			
31. The raw materials for photosynthesis are (a) CO2 & O2 (b) sunlight and CO2 (c) water and chlorophyll (d) CO2 and water.			
32.Most of the photosynthesis (80%) which takes place on this earth is carried out by (a) green plants on land (b) algae found in ocean (c) algae present in fresh water (d) algae present in ocean and fresh water sources			
33.Which of the following ahs no digestive enzyme? (a) Saliva (b) Bile (c) Gastric juice (d) Intestinal juice			
34.Plants are green in colour because (a) they absorb green light but reflect all other lights (b) they reflect green light (c) they absorb green light only (d) none of the above are correct.			
35.Full name of NADP is (a) Nicotinamide dinucleotide phosphate (b) Nicotine adenine dinuceotide phosphate (c) Nicotinamide adenine dinucleotide phosphate (d) None of the above			
36.Wavelength of visible light is (a) 200 - 400 nm (b) 400 - 700 nm (c) 700 - 900 nm (d) 100 - 200 nm			
37. The presence of sugar in onion leaves can be tested with (a) iodine (b) copper sulphate solution (c) lime water (d) benedict's solution			
38. Chemical reaction takes place during dark reaction of photosynthesis is (a) photolysis (b) hydrolysis (c) carbon dioxide is bonded with RUBP (d) nitrogen fixation			
39. Dark reaction and light reaction of photosynthesis takes place in(a) stroma and grana of chloroplast respectively(b) grana and stroma of chloroplast respectively			
(c) grana only (d) stroma only			
40. CO2 acceptor during dark reaction of photosynthesis is (a) RUBP (b) PEP (c) NADPH (d) ATP			