ANNUAL EXAI BIOLOGY STD 9 1 b) kidney -fish 2 a) Haemoglobin ,others are plasma proteins b)Uremia ,others are diseases affecting respi 3 a) Lacteal -ABSORPTION OF NUTRIENTS b)Anaphase -DIVISION OF NUCLEUS 4 c, c alone is true 5 a metaphase -chromosomes arranged in equat prophase -chromatin network condenses t 6 b – calcium d – tendon 7 A.NASAL CAVITY B.TRACHEA	or of the cell	BY KUNJOONJAMMA. ST.ANTONY'S GHS ALA		
8 MITOSIS - TO REPAIR THE TISSUES & GROWT 9		D. BRONCHIOLE		
VOLUNTARY	INVOLUNTARY			
MOVMENT OF LIMBS	MOVEMENT OF TRACHEA			
MOVEMENT OF TONGUE	HEART B	BEAT		
<ul> <li>10 a) 160 -SYSTOLIC PRESSURE</li> <li>100 -DIASTOLIC PRESSURE</li> <li>b) Yes, proper food habit and regular exerc</li> <li>11 A GLUCOSE /O2</li> <li>B O2 /GLUCOSE</li> <li>C H2O/ 30 ATP/</li> <li>D 30 ATP/H2O</li> </ul>	ise /or,any two lifestyle me	ethods to maitain health	n of heart	
<ul><li>12 a) yes .it is a very great deed.</li><li>b) Any two messages regarding the Transpi</li></ul>	antation of kidney.,eye,live	er etc		
13 a) Accumulation of waste prodcts in the blood b) kidney transplantation or haemodialysis is blood which contains wastes from the arter Wastes from blood are diffused into the dial	s the remedial measure. y is pumped into the dialys	is unit,	tube.	
14 Write any 4 attitudes towards older persons.(aged who worked for the welfare of our family and society deserve special consideration, love, & care)4*3(14-1)				

- b)towards the direction of stimulus 15 a) Gravity
  - c)Haptotropism d) towards or around the object
  - e)chemotropism f) presence of chemicals
- 16
- d impulse reaches the muscle through the nerve
- f calcium ions become active
- b myosin filaments bind with actin
- e energy is released from ATP a myosin pulls actin filaments closer
- c muscle contracts

17

А	В	С
Ball and socket joint	Movement in all planes	Joint where hip bone and thigh bone meets
Hinge joint	Movement in one direction only	Knee joint
Gliding Slight movement between the flat surfaces of two bones		Wrist joint

18 Yes.

Meiosis occurs in the germinal cells of reproductive organ ., two divisions occur. (meiosis I &II) Two daughter cells with half the no. of chromosomres again divides , thus 4 daughter cells are formed. These gametes with haploid no.of chromosomes unite to form zygote.

1 More blood capillaries are formed in muscles; increases efficiency of muscles 19 2 increases blood circulation; cardiac muscle become strong. 3Exchange of respiratory gases become more effective . 4 Stored fat is broken down-reduces

20 diagram

- a) synovial fluid b) capsule, c) cartilage (AND LABELLING THE PARTS)
- 21 A Ultra filtration take place

  - B Excess urea from peritubular capillaries is secreted here
     C Reabsorption of ions from the renal tubule takeplace here,
  - D . Collects urine

4\*2 (19-21)