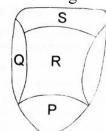
S.3 BIOLOGY ASSESSMENT TEST

	INSTRUCTIONS:	Attempt al	questions
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		SECTION A			
1.	The ability of an organism	to react to changes in the	e environment is	known as	
	A. Stimulus	B. Impulse C.	Locomotion	D. Irritability	
2.	Which one of the following A. Controls water reabs B. Controls basic metal C. Regulates activities D. Controls the function	corption in the body. Solic rate in vertebrates. Solic of other endocrine gland	s.		
3.	The paths followed by important (i) muscle, (ii) sensory neuron, The correct order followed	(iii) sense orga (iv) association by impulses is	an, n neuron.	(v) motor neur	con.
	A. (iii), (iv); (ii); (i)	-	ii); (ii); (iv); (v);		
1	B. (i); (v); (iv); (ii); (iii) Which one of the following		ii); (iii); (iv); (v)		
т.			Adrenal gland.	D. Gonads	
5.	Figure 1 is a simplified refl		-		
	Receptor cells	uscla fibra	K		
	A. the relay neurone.	Fig.2	C. The sensory	neurone.	
	B. A ganglion.		D. The motor n		
6.	Which one of the following	shows the correct path	followed by ligh	nt rays to produce an	image at
7.	the retina? A. Cornea, acqueous hu B. Cornea, vitreous hur C. Cornea, pupil, vitreo D. Cornea, aqueous hur What is the functional unit	nour, pupil, lens, aqueou ous humour, lens, aqueou nour, pupil, lens, vitreou	us humour, retinus humour, retinus humour, retinus humour, retinus	a. ia.	
. •			C. Axon.	D. Synapse	
8.	Which of the following con	rectly describes the cha	nges that take pl	lace when a person	looks at a
	distant object?				
	Ciliary muscle	Suspensory ligame		pe of lens	
	A. Contracts	Becomes less taut		comes more convex	
	B. Contracts	Becomes taut		comes less convex	
	C. Relaxes	Becomes less taut		comes less convex	
	D. Relaxes	Becomes taut	Bec	comes less convex	

 $\textbf{1} \mid \texttt{P} \texttt{ a g e} \textbf{ FIND MORE QUESTIONS IN TOPICAL REVISION BOOKS BY B.K JOSH PUBLICATIONS!!!!}$



bitter taste?

A. P

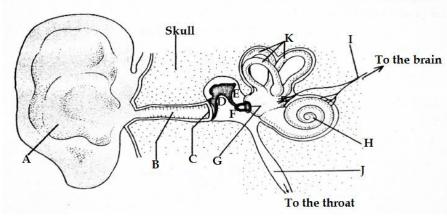
B. Q

C. R

D. S

	ch one of the following is correct order of arrangement of the ossicles is	
	A. Malleus, incus and stapes C. Malleus, stapes and in	
	B. Incus, stapes and malleus D. Incus, malleus and st	
	ch one of the following is true about the nervous system of a mammal?	•
	A. Cell bodies of the sensory neurones are found in the ganglia.	
	3. Cell bodies of the sensory neurons are formed in the grey matter.	
	C. Sensory neurones transmit impulses from the central nervous system	i to receptors.
1	D. Cell bodies to sensory neurones are found in the receptors.	
1 C. 1	SECTION B	
1. Stud	y figure 6 below and answer the questions that follow.	
	(i)	
	(ii)	
	(iii)	
	[]] 	
	(v)	
	∐ ••	
	(vi)	
	ğμ	
	(vii)	
	(viii)	
(a)	Name the parts labelled (i) to (vi) on the diagram	(01 m anka)
(a).	Name the parts labelled (i) to (vi) on the diagram.	(04 marks)
(b)	By means of an arrow show the direction of impulses propagation in	the diagram above.
		(01 mark)
(c)	(i) What type of neurone is this?	(01 mark)
		• • • • • • • • • • • • • • • • • • • •
	(ii) What action does it induce in the body?	(01 mark)
• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •
(d)	What is the function of structure labelled (iv)?	(01 mark)
	•••••••••••••••••••••••••••••••••••••••	• • • • • • • • • • • • • • • • • • • •
2. Stud	y the diagram below and answer the questions that follow.	
	A	
	В	
	c	
	D W	

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(a) Name parts labeled A-F A	
D E	
(c) Explain how myopia is corrected using lenses.	(04 marks)
3. The figure below shows part of the central nervous sys	Receptor
(v) (vii) (viii)	(viii)
(a) Name the labeled parts.	(04 marks)
(i) (ii)	(iii)
(iv) (v)	(vi)
(vii) (viii)	•••••
(b) Draw arrows on the above diagram to show the direction(c) Briefly describe how impulses are transmitted across properties.	part (vi). (03 marks)
(d) Give one example of a simple reflex action and its sign	nature. (02 marks)
4. The figure below shows the section through the human questions that follow.	n ear. Study it carefully and answer the



(a) (i) Name the parts labelled A	C	(02 marks)
В		
(ii) State the general name for structures D		(01 mark)
(iii). State the function of the following stru	uctures:	(02 marks)
K		
(b) Describe how the structures labelled A to I	are involved in the hearing process.	(05 marks)
SECTIO	ON C	
 (a) State, giving two examples in each case, where (i) Voluntary action. (ii) Involuntary action (b) A person touches a hot object with a find full account of what happens from the rehand is withdrawn. 	nger and the hand is quickly withdrawn	

END!!!

"What men have done, Man can do!!!!!!"@SCZ Salongo

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