

T3-Diversity In Living Organisms And Conservation Of Plants And Animals

Model Question Paper VII

8th Standard

Science

Reg.No. : 

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I. Answer all the questions

Time : 01:15:00 Hrs

Total Marks : 30

7 x 1 = 7

Part-A

- 1) Muscle fibres are branched in -----muscle  
(a) cardiac (b) skeletal
- 2) Ciliated epithelium is found in -----  
(a) trachea (b) oesophagus
- 3) i) Assertion : The image falls on Fovea  
ii) Reasoning : Because of refraction of light by vitreous humours  
(a) A is correct B is wrong (b) B is correct A is wrong (c) B explains A (d) A explains B
- 4) Species with low population numbers that are in considerable danger of elimination are termed as -----  
(a) endangered species (b) extinct
- 5) All non-domesticated and non-cultivated biota in the natural environment are termed -----  
(a) wildlife (b) ordinary life
- 6) All the organisms of the animal kingdom are termed as -----  
(a) fauna (b) protozoans
- 7) The word 'dinosaur' means -----  
(a) terrible lizard (b) dragon lizard

Part-B

3 x 1 = 3

- 8) In India, Social Forestry was started in 1976. Its aim is to promote natural forests and create man made forests on unused lands. Suggest some steps to convert a sterile land into a cultivable one.
- 9) Wildlife is essential for ecological balance and is a big attraction to tourism. Support the statement with your suggestions.
- 10) People tried several methods to keep wild animals away from the fields and villages. Power fences were erected around the fields against animals. Is it a healthy practice? Do you have any alternative that would help both animals and man?

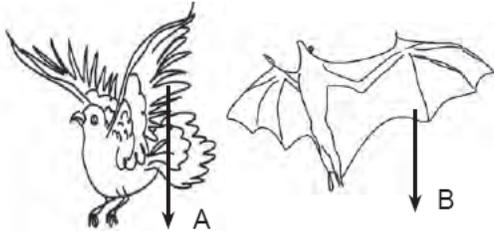
Part-C

10 x 2 = 20

- 11) Complete the table by filling the functions

Tissues	Functions
Columnar epithelium	
2) Glandular epithelium	
3) Ciliated epithelium	

- 12) i) Identify part A and part B.  
ii) How does part A differ from part B ?



- 13) Our kidneys help our body to lead a healthy life - How?
- 14) Can you name and describe the muscle which is present only in our heart and works throughout our life?
- 15) Can you name and describe the
- 16) Identify the odd item from column A and write it under column B .Write the common features of the other two items in column

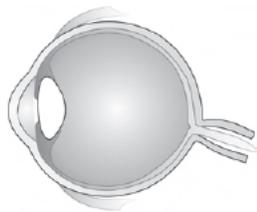
S.no	A	B	C
1	Cristae,Matrix, Ribosome		
2	Nerve,Muscle,Golgi appartus		

In column A,3 terms are given of which 2 belong to one group and 1 remains odd item and write it column B Write the common features of the other two under column C

17) Copy the diagram of the human eye. Label the following parts.

a. The transparent part of the sclera

b. The spot on the retina where cones are most abundant.



18) Deforestation leads to many changes in the following but they are not in the right order. Arrange them in proper sequence.

a) Earth

b) cities (urban area)

c) environment

d) wild animals

e) villages

f) rural areas

g) the next generation

19) What will happen if

a. we go on cutting down trees?

b. the habitat of an animal is disturbed?

c. the top layer of the soil is exposed?

20) Indiscriminate cutting of trees will lead to deforestation. How does it reduce rainfall on the one hand and lead to floods on the other hand?

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