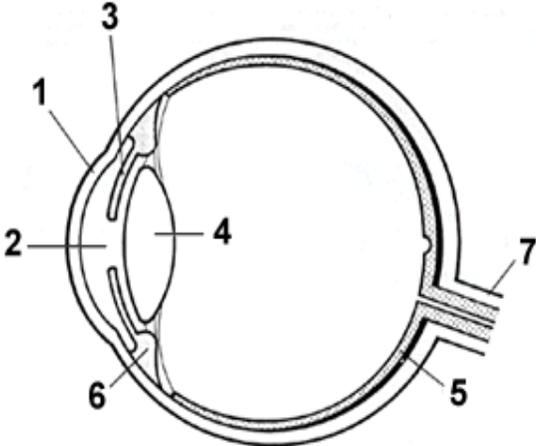


PT-4 SAMPLE QUESTION PAPER, 2019-20

Class -VIII

Subject- Science

Q.1	AIDS can spread from an infected person to another person through: a. sharing food b. sharing comb c. blood transfusion d. a mosquito bite	1
Q.2	Force due to the charged particles is known as: a. muscular force b. magnetic force c. electrostatic force d. gravitational force	1
Q.3	If we apply oil on door hinges the friction will: a. increase b. decrease c. disappear d. unchanged	1
Q.4	The loudness of the sound depends on its: a. amplitude b. speed c. frequency d. time period	1
Q.5	Angle of incidence is equal to the angle of reflection; a. always b. sometimes c. under special conditions d. never	1
Q.6	Name the point inside the human eye where the image is not visible.	1
Q.7	Chemicals used in refrigerators and air conditioners which damage the ozone layer.	1
Q.8	Hormone secreted by pancreas.	1
Q.9	Fertilization that takes place inside the human body.	1
Q.10	Resistance to the movement of object exerted by the fluid is called?	1
Q.11	Static friction is _____ than sliding friction.	1
Q.12	_____ charges attract each other & _____ charges repel each other.	1+1
Q.13	Metals are _____ conductors of heat & _____.	1+1
Q.14	Read the given paragraph & answer the following questions. Although mother give birth to a baby but a baby is formed from the fertilization of male & female gametes involving 2 parents .The nuclei of both the parent gametes fuse , thus passing their characters to the offspring & this results in the formation of new character combinations. Therefore the zygote formed from fertilization have characters of both the parents . This zygote develops inside the female body & finally takes birth as a baby. 14.1 What is the process of fusion of male & female gamete known as? 14.2 How the new character combinations are formed in an offspring during sexual reproduction? 14.3 Where does the zygote develops in the female body? 14.4 The animals that give birth to their young ones are called _____ animals. 14.5 What type of reproduction is explained in the above paragraph?	1 1 1 1 1
Q.15	List the ways to reduce air pollution.	3
Q.16	State the two laws of reflection.	3

Q.17	Why we can not store lemon pickle in an aluminium utensil?	3
Q.18	Differentiate between internal and external fertilization. Or Define asexual reproduction. Describe two methods of it.	3
Q.19	What is mensuration? Explain.	3
Q.20	Explain the effect on pressure when area on which it is applied decreases.	3
Q.21	Give examples to show that friction is both friend and foe.	3
Q.22	Briefly explain total hearing impairment.	3
Q.23	Draw well labeled diagram of ANY ONE OF THE FOLLOWING: Structure of human ear and voice box.	3
Q.24	Does pure water conduct electricity? If not, what can we do to make it conducting?	3
Q.25	What precautions would you take to protect yourself from earthquake?	5
Q.26	Describe the Green house effect in your own words?	5
Q.27	Define electrolysis. Explain the electrolysis of water. Or Explain electroplating of copper over another metal object.	5
Q.28	a) Explain how lightning takes place? b) Mention any 2 safety measures to protect ourselves from lightning.	5
Q.29	a) What are hormones? Name the hormones secreted by pancreas, thyroid & adrenal glands. b) What is metamorphosis? Or What are secondary sexual characters? Mention secondary sexual characters in boys & girls.	5
Q.30	Observe the given diagram carefully & answer the following questions. a) Identify the diagram. b) Label the parts mentioned as 1,2,3,4,5,6 & 7  c) Write the function of iris	5