

THE PUNJAB SCHOOL DRC-JTC

Practice worksheet-1 Self-Assessment-Summer 2020

Biology:-1 Class-IX Marks: 50

Q1. Choose	hoose the best option. /20								
i-	Which of these materials is not a component of the plasma membrane?								
	(a) Lipid	(b) Carl	oohydrates	(c) Pro	teins	(d) DN	A		
ii-	Which of following do not have cell?								
	(a) Plants	(b) Aniı	mals	(c) Bac	teria	(d) viru	ises		
iii-	The thin extensions of the inner mitochondrial membrane are known as								
	(a) Cristae	(b) Mat	rix	(c) Thylakoid (d)		(d) Stro	oma		
iv-	Role of chloroplast is in								
	(a) ATP synthesis	(b) Pro	tein synthesis	(c) Photosynthesis ((d) DN	(d) DNA replication		
V-	Ribosomes are formed in								
	(a) Nucleoid	(b) ER		(c) Nucleolus		(d) Mitochondria			
vi-	Organelle have their own DNA is								
	(a) Chloroplast	(b) Nuc	leus	(c) Mitochondria		(d) All			
vii-	Who described the cell first?								
	(a) Robert Hooke	(b) Leeuwenhook		(c) Robert Brown		(d) Schleiden			
viii-	Which one is the site of protein synthesis?								
	(a) Nucleus	(b) Golgi Apparatus		(c) Ribosomes		(d) Lysosomes			
ix-	Xylem and phloem tissues are examples of								
	(a) Simple tissues (b) Compound tissues (c)			(c) Me	(c) Meristematic tissues		(d) None		
Х-	Which of the following movement requires energy in the form of ATP?								
	(a) Diffusion	(b) Osmosis		(c) Active transport			(d) All		
xi-	The cells used for the transport of impulses are								
	(a) Muscle cells	(b) Gland cells		(c) Neuron cells			(d) RBC		
xii-	The cells used for support in plants are								
	(a) Sclerenchymatous cells (b) Collenchymatous cells								
	(c) Parenchymatous cells (d) Both a & b								
xiii-	Bacterial cell membrane is made up of								
	(a) Peptidoglycan		(b) Cellulose		(c) Chitin		(d) Mycoplasma		
xiv-	The cells used for the secretion are								
	(a) Muscle cells		(b) Nerve cells		(c) Gland cells		(d) RBC		
XV-	Nucleus in the cell was discovered by								
	(a) Lorenz Oken		(b) Robert Brow	νn	(c) Robert Hoo	ke	(d) Darwin		

xvi-	Concept of 'Omins cellula e cellula' was given by								
	(a) Robert Hooke	(b) Lorenz Oken	(c) Robert Brown	(d) Rudolph Virchow					
xvii-	The Seive tube cells are pa								
	(a) Sclerenchymatous tissu								
	(c) Xylem tissues	(d) Meristem	(d) Meristematic tissue						
xviii-	The resolution of human eye is								
	(a) 1.0 mm	(b) 2.0 mm	(c) 0.1mm	(d).2nm					
xix-	Cellulose is present in								
	(a) Primary wall	(b) secondary wall	(c) Middle lamella	(d) None					
xx-	The structure present in prokaryotes is:								
	(a) Mitochondria	(b) ER	(c) Golgi bodies	(d) Ribosomes					
	. ,	. ,							
02 \\/=i+a	show an annual of any FOLID	af tha fallandas.		/0					
Q2.Write	short answers of any FOUR	of the following:		/8					
i-	Define microscopy. What o								
ii-	What is active transport?								
iii-	Write salient features of co								
iv-	What is chromosome?								
V-	What are cristae?								
Q3. Write	short answers of any FOUR	of the following:		/8					
i.	Define Resolving power.								
ii.	What is micrograph?								
iii.	Define phagocytosis.								
iv.	What is plasmolysis?								
v.	What is turgor pressure?								
Q4. Write	short answers of any TWO	of the following:		/4					
i.	Define working principle o	f electron microscope.							
ii.	Write difference between								
iii.	Write postulates of cell the	eory.							
Q5. Long	Questions.			/10					
i.	Write a note on lysosomes	i.							
ii.	Write a note on chloroplas	t.							