V.M.G.R.R SRI SARADA SAKTHI MAT. HR. SEC. SCHOOL							
STD: XI	BIOLOGY	SET-3 (B L-5,6,15 Z I	L – 4,10) MARKS-50				
I.CHOOSE THE CORF			 30X1=30				
1.Which one of the following		irus is correct?					
a. Possess their own	- 		facultative parasites				
c. They contain DNA	•	•	s are present				
2. Which of the plant group	has gametophyte as	-	-				
a. Pteridophytes	b. Bryophytes	c. Gymnosperm	d. Angiosperm				
3. Bryophyllum and Dioscor	ea are example for						
a. Foliar bud, apical l	oud b. Foliar bud, ca	auline bud c. Cauline bu	d, apical bud d. Cauline bud, foliar bud				
4. Vexillary aestivation is ch	aracteristic of the fa	amily					
a. Fabaceae	b. Asterace	eae c. Solanace	ae d. Brassicaceae				
5. Phylogenetic classification							
	-		ve cytology d.Evolutionary relationships				
6. The two subunits of ribose							
a. Magnesium	or ourorain	c. Sodium	d. Ferrous				
7. Centromere is required for							
a. transcription							
• 1	0	ent of chromosome tow	ards pole				
8. In Gymnosperms, the acti a. Nearby sieve tube	•	-	ume colle				
c. Nucleus of compar		d. Nucleus of albu					
9. Consider the following sta							
			forms vessels with wide cavities of these,				
			correct but (ii) and (iii) are correct				
			re not correct but (iii) is correct.				
10. In a fully turgid cell							
a. DPD = 10 atm; OP =			= 10 atm; TP = 10 atm				
c. $DPD = 0$ atm; $OP =$	5 atm; $TP = 10$ atm	d. DPD = $20 \text{ atm}; \text{Ol}$	P = 20 atm; TP = 10 atm				
11. Assertion (A): Increase	U	1					
	olving complex of I	PS I located on thylako	id membrane facing Stroma, releases H1				
ions							
a. Both Assertion and			e and Reason is False.				
c. Reason is True and			and Reason are False.				
		-	e molecule of pyruvic acid is				
a. 12 13 During oxidation of two	b. 13 molecules of cytos	c. 14 olio NADH 1 H1 muml	d. 15 ber of ATP molecules produced in plants				
are a. 3	b. 4	с. б	d. 8				
14.Select the wrong statement			u . 0				
		capability of cell divisi	on				
-		entral vacuole takes pla					
	-	fferentiation takes place					
d. In maturation phas	0	1					
15. If the diameter of the pul	ley is 6 inches, leng	th of pointer is 10 inches	es and distance travelled by pointer is 5				
inches. Calculate the actual g	growth in length of	plant.	-				
a. 1.5inches	b. 6 inches	c. 12 inches	d. 30 inches				
16.A living organism is diffe	erentiated from non-	living structure based of	on				
a. Reproduction	b. Growth	c. Metabolism d. A	All the above				

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17. A group of organisms ha	iving similar traits of a	rank is				
a. Species	b. Taxon	c. Genus	d. Family			
18. Which of the following a	animals has a true coeld	om?	-			
a. Ascaris	b. Pheretima c. Syco	on d.	Taenia solium			
19. Metameric segmentation	is the main feature of					
a. Annelida	b. Echinodermata	c. Arthropoda d.	Coelenterata			
20. The ciliated epithelium l	ines the					
a. Skin	b. Digestive tract	c. Gall bladder	d. Trachea			
21. The clitellum is a distinct a. Segments 13 – 14	t part in the body of ea b. Segments 14 – 17 c					
22. Which one is incorrectly	matched?					
a. Pepsin – stomach	b. Renin – liver c	c. Trypsin – intestir	e d. Ptyalin – mouth			
23. Absorption of glycerol, f	atty acids and monogly	ycerides takes place	e by			
a. Lymph vessels with	thin villi b. Walls of	stomach c. Colo	on d. Capillaries within villi			
24. Intercostal muscles are f	ound between the					
a. vertebral column	b. sternum	c. ribs d.	glottis			
25. Blood group is due to the	-					
a. Antigens on the su			n the surface of RBC			
c. Antigens on the su		d. Antibodies of	n the surface of WBC			
26. Podocytes are the cells p		11 (15				
a. Outer wall of Bow	man's capsule b. In	nner wall of Bowm				
c. Neck of nephron		d. Wall glomer	ular capillaries			
27.The region between two						
a. sarcomere	b. microtubule	c. myoglobin	d. actin			
28. Each skeletal muscle is o	•	XU				
a. epimysium b. per	•	omysium	d. hypomysium			
29. Which part of the human a. Cerebellum b. Cer	c. Med	dulla oblongata d.	Hypothalamus			
30. Assertion: Nuptial flight						
Reason: The queen bee pratracted to the pheromone and		•	romone. The drones in that area	are		
*	n is correct but not related		reason is incorrect but related			
c. Assertion and reason			reason is incorrect but not related			
II .ANSWER THE FOLLO			10X2=20			
31.Where will you place the p 32.Draw the floral diagram an						
33. Bring out the significance						
34. State the protoplasm theory	/.	-				
35. Distinguish between proka	•	• •				
36. Draw and Label the parts	•	es and Lampbrush ch	iromosomes			
37.Write the physiological effe	•					
38. Give a brief account on Pro 39. Why is the blind spot called	d so?					
involve?	-	ssure is high. What is	s this condition called and which fluid c	loes it		
41.Draw and Label the parts of L.S. of the eye.42. Differentiate between peristomium and prostomium in earthworm.						
43. Head of cockroach is called	-					

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