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VII SCIENCE ANSWER KEY FOR FORMATIVE ASSESSMENT 1

MAX. MARKS: 40 TIME: 90Mins

Q.NO	VALUE POINTS	MARKS
1.	conduction	1
2.	Sour in taste	1
3.	cocoons	1
4.	Food vacuole	1
5.	stomata	1
6.	Tearing (b)	1
7.	Pitcher plant (c)	1
8.	It burns with dazzling flame (b)	1
9.	Clinical thermometer (c)	1
10.	Blue-black (a)	1
11.	Parasites: Any two points of differences	
	Saprophytes: Any two points of differences	¹/ ₂ X 4=2
12.	Liver	1 X2=2
	Fat component	
13.	Egg , Caterpillar /larva /silkworm.pupa,adult moth	¹ / ₂ X4=2
14.	a) AcidicSubstances –tomato juice and vinegar	
	b) Basic Substances _soap solution and tooth paste	¹ / ₂ X 4=2
15.	a) Blue colour turns colourless and nail turns reddish	
	brown	
	b) Copper sulphate + Iron IronSulphate	1.1.1.2
	+ Copper	1+1+1=3
	c) Chemical change	
16.	a) Gall bladder	
	b) Stomach	1+1+1=3
	c) Large intestine	
17.	Add blue litmus to the three solutions. The one that	
	turns blue litmus red is an acid. The other two	
	remain blue.	
	Now add the formed red litmus solution to the other	1+1+1=3
		1



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p.com	two samples. The base turns red litmus blue while in	
	the neutral remains red.	
18.	In the small intestine	
	Villi increases the surface area for absorption of	
	food, they are richly supplied with blood capillaries	1+2=3
	which help in diffusion of nutrients.	
19.	I) a) Radiation	
	b) Convection	
	c) Conduction	
	II) d) dark colours absorb heat	1 X 5 = 5
	e) air in between the layers acts as insulator	
	to keep the body warm	
	OR	
	Any 5 situations	
20.	Any 10 correct labellings	
	1.Mouth/oral cavity	
	2.Salivary glands	
	3.Stomach	
	4.Pancreas	
	5.Small intestine	
	6.Rectum	1/3740
	7.Anus	$\frac{1}{2}$ X10 =5
	8.Appendix	
	9.Large intestine	
	10.Liver	
	11.Gall bladder	
	OR	
	I. 1.Sunlight	
	2.Oxygen	1/ 5 21/
	3.Carbondioxide	$\frac{1}{2}$ x5=2 $\frac{1}{2}$
	4,Chlorophyll	
	5.Water H. Photogynthogia gyplight	1/4
	II. Photosynthesis sunlight III.Carbondioxide + water	1/2
	ahlaranhyil	1
	carbohydrates + oxygen	1
	Autotrophic nutrition	
	•	1
	TOTAL MARKS	40

