'നിറവ് 2025 '						
തോടന്നൂർ ഉപജില്ലാ യു എസ് എസ് പരിപോഷണ പദ്ധതി യു. എസ് . എസ് . മാതൃക പരീക്ഷ- <u>5</u>						
Set. 5 19/02/20			മയം : 2 മണിക്കൂർ			
PART B.SCIENCE						
16. What are the elements c	contained in the NPK mixture					
a .Nitrogen - phosphorus – potassium		b. Nitrogen - Potasium – calcium				
c. Nitrogen - Platinum Calcium		d. Nickel - phosphorus - calcium				
17 -Soil free agriculture is k	nown as?					
a.Tissue culture	b.hydroponics	c. Sericulture	d. Apiculture			
18. "Reflection of light" indi	icates what?					
a. The light passes through a surface.		b. A surface absorbs light				
c. Object that can produce light		d. When light falls on a surface and returns back				
19.If we kept an inflated bal	loon in a Refrigerator after s	ome time				
a. Inflation of balloon incr	eases b. Balloon B	Breaks c. Balloon S	hrinks d. None of these			
20. What is the chemical nar	me of "Ajinomoto"?					
a .sodium chloride	b. Mono sodium glutamate	c. Calcium carbide	d. Sodium bicarbonate			
21.						
Substance	colour in acids colour in	bases				
X	No colour change Red					
CS Scanned with CamScanner						
—	the substance that indicates '	Y in the following?				
	the substance that indicates 2 b. Turmeric	c. Limestone	d Dhonolphthaloin			
a . Methyl orange	0. Turmenc	C. Limestone	d. Phenolphthalein			
22 .Nephron contains	h Widney	a Haavit	d Duoin			
a.Liver	b. Kidney	c. Heart	d. Brain			
23. Reason for tooth decay some bacteria produce acid in our mouth.						
a .Formic	b. Acetic	c. Lactic	d. Nitric			
24. Not an Example of Light		- Ctaur	J T:			
a .Sun	b. Moon	c. Stars	d. Fire			
25.Which is not related to co	ommon properties of acid?					
a.Sour taste		b. Turn blue litmus into red				
c.Turn Methyl orange into yellow		d.Turn Methyl orange into pale red				
26. The human body contains about 45 Gram of Iron. 70%						
a . Protein	b. Platelet	c. Hemoglobin	d. insulin			
27.Usage of "Stadiometer"						
a.To measure weight scientifically		b.To measure height scientifically				
c.To measure the respiration rate scientifically		d.To measure heart rate scientifically				

28.The term "Endomorph	"indicates what,?					
a. Person with high height		b.Person with low height				
c. Person with a fatty body		d.Person with a thin body				
29.Which emergency pho	one number is related to Child	secure?				
a.1930	b.1912	c.101	d.1098			
30.Which is the longest o	ell in the human body?					
a. Muscle cell	b. Cheek cell	c. Nerve cell	d. Bone cell			
31. Which is the Gas that protects the Earth from harmful Ultraviolet rays from the Sun?						
a. Oxygen	b. Helium	c.Ozone	d. Argon			
32. Name of the common	chemical substance that can b	e used to purify water?				
a. Calcium carbide	b.Sodium bicarbonate	c.Calcium hypochlorite	d.None of these			
33.Which is the organ that can turn body Ammonia to urea						
a. Kidney	b.Liver	c.Pancreas	d.Pleeha			
34.Which is the Organ no	ot related to Glands?					
a.Liver	b. Pituitary	c. Appendicitis	d. Hypothalamus			
35.Which statement is no	t correct about Plasma?					
a.The liquid part of blood		b. Pale Yellow in colour				
c. Carries Oxygen to the Lungs d. Carries Glucose to the cells						
PART B. SOCIAL SCIENCE						
36 Which state has the highest mineral density?						
a. West Bengal	b. Jharkhand	c. Uttar Pradesh	d. Bihar			
37. Which of the following	ng statements about Pandit Kai	ruppan is correct?				
a. He is known as the "I	Lincoln of Kerala." b. In	ndira Gandhi described him as	the "Great Son of India."			
c. He is the father of the	Greater Ezhava Association.	d. He was the edito	r of Yuktivadi (Rationalist).			
38. Which is the longest	national highway passing throu	ıgh Kerala?				
a. NH 47	b. NH 66	c. NH 46	d. NH 60			
39. Which of the following	ng is NOT conducive to sustain	nable development?				
a. Planting trees in public places b. Using cloth bags instead of plastic covers						
c. Utilizing solar energy d. Using conventional bulbs instead of LED bulbs						
40. Which of the following is a non-metallic mineral?						
a. Diamond	b. Bauxite	c. Petroleum	d. Magnetite			
41. What are the challeng	ges faced by local self-governn	nents?				
1. Inadequate physical infrastructure2. Lack of own revenue						
3. Registration of births and deaths4. Low participation in Gram Sabha						
a. 1, 2, and 4	b. 1, 2, and	3				
c. 2, 3, and 4 d. 1, 3, and 4						
42. Which state launched the "My School, My Pride" campaign for educational development?						
a. Kerala	b. Tamil Nadu	c. Punjab	d. Himachal Pradesh			

43. Which of the following is considered the first movement against gender and caste discrimination?						
a. Veerashaiva Movement	b. S	Sufi Movement				
c. Salafi Movement	d. V	d. Wahhabi Movement				
44. Which of the following	statements about the tropos	phere is incorrect?				
a. The temperature increases with altitude at a fixed rate.						
b. It is the lowest layer of the atmosphere.						
c. It contains the highest concentration of dust and water vapor.						
d. It extends up to an average height of 13 km from the Earth's surface.						
45. When is National Law	Day observed?					
a. August 28	b. November 26	c. July 28	d. September 26			
46. Why does Tamil Nadu receive relatively less rainfall?						
a. It faces the direction of the wind.		b. It lies in a rain shadow	b. It lies in a rain shadow region.			
c. Lack of winds from the sea.		d. It is at a higher altitud	d. It is at a higher altitude from sea level.			
47. What is the birthplace of Chattampi Swamikal?						
a. Venganur	b. Cherai	c. Chempazhanthy	d. Kannanmoola			
48. In India, which months	constitute the summer sease	on?				
a. December to February	b. March to May	c. June to August d.	. September to November			
49. Which of the following statements about the atmosphere's role in sustaining life is incorrect?						
a. It causes weather phenomena.		b. It filters harmful sola	b. It filters harmful solar radiation.			
c. It protects against mete	orite impacts.	d. It helps regulate Earth	d. It helps regulate Earth's gravitational force.			
50. Which article of the Ind	dian Constitution states that	environmental protection is	a duty of citizens?			
a. 14A	b. 368A	c. 48A	d. 74A			
51. What is the focus of Kailash Satyarthi's "Bachpan Bachao Andolan"?						
a. Women's empowerment b. Environmental protection						
c. Eradication of child labor d. Ant		Anti-drug campaign	i-drug campaign			
52. Who traveled across India and abroad with his Muslim disciple Mardana to spread his ideas?						
a. Dadu	b. Guru Nanak	c. Eknath	d. Jnaneshwar			
53. According to the Multidimensional Poverty Index, which of the following is NOT an indicator of poverty?						
a. Standard of living	b. Education	c. Health	d. Employment			
54. Which atmospheric layer is located in the middle of the atmosphere?						
a. Mesosphere	b. Stratosphere	c. Thermosphere	d. Troposphere			
55. Which country initiated the Green Revolution?						
a. India	b. Norway	c. Mexico	d. China			