Edı	SAMPLE PAPER University of the second secon
	PHYSICS
1.	An example of non-contact force is
	(a) Push a stationary box
	(b) Hit a cricket ball for 4 runs
	(c) Force exerted by a man to lift a bucket
	(d) Force exerted by magnet
2.	The pressure at any given point of a non-moving fluid is called
	(a) Gauge pressure (b) Differential pressure
	(c) Atmospheric pressure (d) Hydrostatic pressure
3.	When does a body float on water
	(a) When there is a gravitational pull
	(b) When no force is acting on it
	(c) When the net force acting on the body is zero
	(d) None of the above
4.	Which of the following represent correct values for the normal atmospheric pressure
	(a) 76 mm of mercury and 101.3 pascals
	(b) 101.3 Kilopascals and 76 mm of mercury
	(c) 76 mm of mercury and 76 CM of mercury
_	(d) None of the above
5.	Calculate the pressure exerted by a force of 20 N on a surface area of 0.01 m ² .
	(a) 20 Pa (b) 0.2 Pa (c) 200 P
((c) 2000 Pa (d) 200 Pa
6.	A force is applied on an object in the direction of it's motion. What is the effect of force on the object
	(a) The speed of the object will decrease
	(b) The speed of the object will increase
	(c) The object will remain in rest
	(d) Direction of motion of object will change
7.	Two objects repel each other. This repulsion could be due to
	(a) gravitational force only (b) electrostatic force only
	(c) magnetic force only (d) either a magnetic or an electrostatic force
8.	If a train changes speed from 200 km/h to 300 km/h, then drag force will
	(a) decrease (b) increase
	(c) remain same (d) first increase then decrease





t		ट्रुपुत्रं	SAMPLE PAPER	CLASS : VIII				
20.). Which of the following is obtained from petroleum ?							
	(a)	Polyester	(b)	Jute				
	(c)	Nylon	(d)	None of the above				
21.	PET	ſ is a						
	(a)	Polyamide	(b)	Polyester				
	(c)	Both (a) and (b)	(d)	None of the above				
22.	What test	at kind of sound does hydro tube where it is evolved?	ogen gas make when a lit	candle is placed close to the mouth of the				
	(a)	Tinkling	(b)	Рор				
	(c)	Bell tone	(d)	Sizzle				
23.	Wh	ich of the following is a non	metal that can be stored	in the water ?				
	(a)	Sodium	(b)	Potassium				
	(c)	Phosphorous	(d)	Calcium				
24.	Wh	ich of the following causes l	blue litmus paper to turn re	ed ?				
	(a)	Lubricating grease	(b)	Baking Soda				
	(c)	Vinegar	(d)	Soap				
25.	Wh	ich gas results from the reac	tion of metals and sodium	hydroxide ?				
	(a)	Oxygen gas	(b)	Hydrogen gas				
	(c)	Carbon dioxide gas	(d)	All of the above				
26.	Wh	ich of the following can disp	place copper from copper	sulphate ?				
	(a)	Silver	(b)	Zinc				
	(c)	Platinum EQUVEN	ture (d)	Gold				
27.	Wh	ich of the following, when h	nammered, can become a p	oowdery mass ?				
	(a)	Aluminium	(b)	Carbon				
	(c)	Magnesium	(d)	Iron				
28.	Son goo	ne materials have properties d conductivity of heat and e	s such as hardness, lustrou- lectricity. Identify the mat	usness, malleability, ductility, sonority, and erial.				
	(a)	Non-metals	(b)	Metals				
	(c)	Semiconductors	(d)	Insulators				
29.	Wh	ich of the following is not a	non-metal ?					
	(a)	0	(b)	Cl				
	(c)	Be	(d)	Graphite				
30.	Wh	at is the correct formula for	the product formed when	magnesium reacts with oxygen?				
	(a)	Mg ₂ O	(b)	MgO				
	(c)	MgO ₂	(d)	Mg_2O_2				



t		ട്ട്യപ്പൂട്		SAMPLE PAPER		CLASS : VIII
38.	The	ratio of t	wo adjacent side	s of a parallelogram is	4::	5. If its perimeter is 72 cm, find its adjacent
	side	es.	1.0.7			
	(a)	18 cm an	120 cm		(b)	16 cm and 25 cm
20	(c)	18 cm an	id 20 cm		(d)	16 cm and 20 cm
39.	Wh	at is the si	um of the additiv	e inverse and multiplic	ative	e inverse of 2 ?
	(a)	$\frac{3}{2}$			(b)	$\frac{-3}{2}$
	(c)	$\frac{1}{2}$			(d)	$\frac{-1}{2}$
40.	The	pie-char	t is divided into			
	(a)	circles			(b)	squares
	(c)	sectors			(d)	segments
41.	The the	ere are 2 R bag. Wha	ed, 3 Blue and 5 t is the probabilit	Black balls in a bag. A y of getting a blue ball	A bal	l is drawn from the bag without looking into
	(a)	$\frac{3}{5}$			(b)	$\frac{2}{5}$
	(c)	$\frac{3}{10}$		13	(d)	None of these
42.	AB ∠A	CD is a p .OD ?	arallelogram. Th	e angle bisectors of ∠	άA a	nd $\angle D$ meet at O. What is the measure of
	(a)	45°			(b)	90°
	(c)	75°	Eduver	nturo	(d)	180°
43.	In t Wh	he quadri at type of	lateral ABCD, t	he diagonals AC and ABCD ?	BD	are equal and perpendicular to each other.
	(a)	A square	:		(b)	A parallelogram
	(c)	A rhomb	us		(d)	A trapezium
44.	Aru sma was	na cut a all pieces i the origin	cake into two ha is twenty grams i pal cake ?	lves and cuts one hal n weight. If she has se	f into ven p	o smaller pieces of equal size. Each of the pieces of the cake in all with her, how heavy
	(a)	120 gm			(b)	180 gm
	(u) (c)	300 gm			(d)	240 gm
45.	The subt	sum of tracted from first number	two digit numbe om the first numb oer. Find the first	r and the number for per, the new number is number.	med s 4 m	by interchanging its digit is 110. If ten is nore than 5 times of the sum of the digits in
	(a)	46			(b)	48
	(c)	64			(d)	84

	SAMPLE PAPER	CLASS	: VIII	trigga Eduventure					
	BIOLOGY								
46.	Partial sterilization of a product such as m	nilk at a high temp	erature is known as :						
	(a) Pasteurization	(b) F	Filtration						
	(c) Pickling	(d) F	Refrigeration						
47.	Some plants have nitrogen-fixing bacteria	a in their root nod	ules. What are these ba	cteria called ?					
	(a) Blue green algae	(b) N	Nitrosomonas						
	(c) Azotobacter	(d) F	Rhizobium						
48.	While baking cakes, yeast reproduces rap	idly and produces	gas.						
	(a) Hydrogen	(b) (Dxygen						
	(c) Carbon dioxide	(d) N	Nitrogen						
49.	The process of drying wheat stalks in the	sun and then beat	ing them to separate the	e grains is called :					
	(a) Winnowing	(b) T	Threshing						
	(c) Churning	(d) S	Sieving						
50.	Which one of the following is not produce	ed by the process	of fermentation ?						
	(a) Cheese	(b) N	Milk						
	(c) Yoghurt	(d) V	Wine						
51.	In today's world, where water is a scarce most feasible and sustainable ?	resource, which a	among the following ir	rigation methods is					
	(a) Sprinkler system	(b) I	Drip system						
	(c) Tube well	(d) (Chain pump						
52.	Grain stocked for emergencies is called								
	(a) Surplus stock	(b) F	Regular stock						
	(c) Storage	(d) E	Buffer stock						
53.	For growing a crop, sufficient sunlight an	d and	from the soil are e	essential.					
	(a) Water, Manure	(b) V	Water, Nutrients						
	(c) Nutrients, Manure	(d) N	Nutrients, Fertilizers						
54.	Which of the following diseases can be cu	ared using antibiot	tics ?						
	(a) AIDS	(b) I	Dengue						
	(c) Typhoid	(d) N	Malaria						
55.	Nowadays seed is sown in the field using								
	(a) Seed Tractor	(b) S	Seed drill						
	(c) Seed Tiller	(d) S	Seed Plough						
56.	Which of the following description is true	for describing 'fe	ertilizer'						
	(a) Used in large quantity	(b) (Organic in nature						
	(c) Does not cause pollution	(d) F	Produced in factories						
57.	Separation of Grain from chaff is called _	·							
	(a) Threshing	(b) H	Harvesting						
	(c) Winnowing	(d) V	Weeding						
	SCO 10 Second Floor Sector 20	D Chandigarh N	Ach 10790997400 0770	770004 7					

t		ଞ୍ଚୁପୁଞ୍ଚ		SAM	PLE PAPER			CLASS :	VIII	
58.	'Sil	los' are us	ed to :							
	(a)	grow cro	ps in the field	lds						
	(b)	protect g	rains from p	ests like rats	and insects					
	(c)	storage d	lamaged gra	ins						
	(d)	none of t	hese							
59.	The	e loosened	soil helps in	n the growth	of:					
	(a)	earthwor	ms			(b)	micro	obes		
	(c)	plants				(d)	all of	these		
60.	Bet	fore sowin	g the seeds,	it is necessa	ry to break s	oil to th	e size	of grains to ge	et better yield.	
	The	e main too	ls used for s	uch are						
	(a)	Tractor,	Hoe, Seed d	rill		(b)	Bullo	ck, tiller, tract	or	
	(c)	Plough, I	Hoe, Cultiva	tor		(d)	Ploug	gh, Seed Drill,	Tractor	
					MENTAL	ABILITY	,			
61.	The	e next tern	n in the sequ	ence 1, 3, 6,	11, 20, 37, '	?	=			
	(a)	65	1	(b) 67		(c)	70		(d) 60	
62.	If SY	a certain NDROMI	code PER E be written	INATH is in that code	written as ?	QFQH	OBSG	and POLE	as QPKD, h	ow will
	(a)	RXONQ	NNF			(b)	TZOI	DQNLD		
	(c)	TZMCS	PKD			(d)	TZM	CSPLD		
63.	An aga	shul move in he turr	es towards E as left and v m meters H	Cast a distan valks 15 me ow far is he	ce of 5 m, t ters. Now h from his sta	hen he le turns	turns to 45° to int ?	to his left and owards his rig	walks 20 metri ht and goes str	res, then raight to
	(a)	40 m				(b)	30 m			
	(c)	50 m				(d)	55 m			
64.	If a	it 12'O cle	ock, minute	hand and he	our hand are	facing	towar	ds North, then	in which direc	ction the
	(a)	30° Wes	t of South	r. 1 0 :		(b)	60° V	Vest of South		
	(a)	30° Fast	of South			(b) (b)	60° F	ast of South		
65.	65. In the following question consists of two sets of figures. Figures 1, 2, 3 and 4 constitute the Problem Set while figures A, B, C and D constitute the Answer Set. There is a definite relationship between figures 1 and 2. Establish a similar relationship between figures 3 and 4 by choosing a suitable figure (4) from the Answer Set.									
					O	•	\mathcal{I}	?		
				(1)	(2)	(3	3)	(4)		



Direction : (Q.70 & Q.71) : Read the following information to answer the questions given below:

(i) Five boys are standing in a line facing the wall wearing red, green, yellow, white and blue dress.

(ii) The yellow-dressed boy is not standing at any end of the line

(iii) The red-dressed boy is not standing at any end of the line.





- (a) 20th
- (c) 19th

- (b) 21st
- (d) None of these



	SAMPLE PAPER	CLA	SS : VIII	trigya
		ANSWER KE	<u>:Y</u>	
		PHYSICS		
1. (d)	4. (b)	7. (d)	10. (a)	13. (a)
2. (d)	5. (c)	8. (b)	11. (a)	14. (d)
3. (c)	6. (b)	9. (a)	12. (b)	15. (b)
	I	CHEMIGTRY	I	Ι
1((1)			25 (1)	29 (1)
10. (D)	19. (c)	22. (b) $22 (z)$	25. (b)	28. (b)
17. (a)	20. (a)	23. (c) 24 (c)	26. (b)	29. (c)
18. (b)	21. (b)	24. (c)	27. (b)	30. (b)
		MATHEMATIC	<u>9</u>	
31. (a)	34. (c)	37. (b)	40. (c)	43. (a)
32. (c)	35. (a)	38. (d)	41. (c)	44. (d)
33. (d)	36. (c)	39. (b)	42. (b)	45. (c)
	Eduventu	re	\mathbf{O}	
		<u>BIOLOGY</u>		
46. (a)	49. (b)	52. (d)	55. (b)	58. (b)
47. (d)	50. (b)	53. (b)	56. (d)	59. (d)
48. (c)	51. (b)	54. (c)	57. (c)	60. (c)
		MENTAL ABILI	ſY	
61. (c)	65. (a)	69. (a)	73. (d)	77. (c)
62. (d)	66. (b)	70. (c)	74. (d)	78. (d)
63. (c)	67. (c)	71. (d)	75. (d)	79. (d)
64. (b)	68. (d)	72. (b)	76. (d)	80. (d)
	I	I	Ι	I
<u>.</u>	CO 19. Second Floor Sect	or 20-D. Chandigarh	Mob. : 9780887400 97	779778234 13
0		ee _, enanaigann		