National Mean-Cum-Merit Scholarship Test Mock Test (Class-8th) 1. Near sightedness can be corrected : Plano Convex lens Concave lens 2.) Convex lens 3.) 4.) Plane mirror 1.) 2. Fire due to Short circuit can be controlled by: 1.) Water 2.) Sand 3.) Chemical foam type fire extinguisher 4.) Dry powder type fire extinguishers 3. When finger is dipped in water, it appears to be broken because of : 1.) Reflection 2.) Refraction 3.)Both Reflection&Refraction 4.) Neither Reflection & Refraction 4. Number of proton in 13Al²⁷is: 1.) 27 2.) 14 3.) 13 4.) 15 5. Latin name of Gold is : 2.) 4.)Hydrogyrum 1.)Auram Argentum 3.) Ferrum 6. In which layer of the atmosphere clouds are available: 1.) Trophosphere 2.) Stratosphere 3.) Mesosphere 4.) Thermosphere 7. Red blood cells are formed in the :-1.) Bone marrow 2.) Liver 3.) Thyroid 4.)Pitutary 8. S.I. unit of potential difference is:-4.) Watt 2.) Volt 3.) 1.) Ampere Joule 9. The main constituent of Biogas is:-1.) Methane 2.) Carbon dioxide 3.) Hydrogen 4.) Hydrogen sulphide 10. The device used to for producing electric current is :-2.) 1.) Motor Generator 3.) Ammeter 4.) Galvanometer 11. The speed of sound will be greatest in:-2.) 1.) Air Vacuum 3.) Water 4.) Metal 12. The permanent magnets made of :-1.) Al, Ni,Co 2.) 3.) Al,Zn,Ni Al,Ni,Fe 4.)Al,Ni,C 13. Name the acid formed in stomach 3.) Acetic acid 1.) Hydrochloric acid 2.) Sulphuric acid 4.) Nitric acid 14. Which of following is most reactive metal & non-metal Pottasium&Phosphorous 2.) Silver, Carbondioxide3.) Gold, Oxygen 4.) Iron, Neon 1.)

15. H	15. How many carbon atoms present in Butane hydrocarbon										
1.)	One	2.)	Two		3.)	Three	e	4.) Four			
16. W	hat is the Cher	nical for	rmula of	the Wa	ashing S	Soda					
1.)	Na ₂ Co ₃ .10H ₂	20		2.)	Na ₂ Co	03	3.)	CaCo ₃	4.)ZnSo ₄ .7H ₂ o		
17. Vitamin B_{12} is essential for :-											
1.)	1.) Preventing Anaemia 2.) Healthy skin & eyes					3.)	Strong bones	4.) Clotting of blood			
18. T	he largest gland	d in the	human bo	ody is :	:-						
1.)	Small intesting	ne	2.) Larg	ge inte	stine		3.)	Stomach	4.) Liver		
19. S	eparating of gra	ains fror	n cut croj	ps is ki	nown as	s :-					
1.)	Thrashing		2.)	Winne	owing		3.)	Harvesting	4.) Storage		
20. M	lercury polluta	nts of wa	ater body	v produ	ce a dis	sease of	f human:	:-			
1.)	Minamata		2.)	Silico	sis		3.) As	bestosis	4.)Bysisnosis		
21. W lens	here should an	object	be placed	l so tha	at a real	& inve	erted ima	age of same size	e is obtained using a convex		
1.)Be	tween the lens	& its fo	cus	2.)	At the	focus	3.)At twice the focal length 4.) At infinity				
22. T	he human eye f	forms th	e image o	of an o	bject at	its					
1.)	Cornea	2.)	Iris		3.) Pu	pil		4.) Retina			
23. A	vast collection	of billi	ons of sta	ars is c	alled:-						
1.)	Universe		2.) Gala	axy			3.) Co	onstellation	4.) Solar System		
24. T	his symbol rep	resents:-							-		
1.)	A cell	2.) Ba	ittery								
3.)	An electric la	amp	4.) Ope	en key							
25. T	he correct chen	nical for	mula of A	Alumiı	num sul	phate:-		-	-		
$1.Al_2$	(So ₄) ₃	$2.Al_2$	(So ₄) ₄		3.Al ₃ ((So ₄) ₄		4.	AlSo ₄		
26. N	ame the compo	ound wh	ich is mi	xed wi	th ice to	o freeze	e icecrea	m:-			
1. K ₂	No ₂	2. KN	lo_2	3.KNo	0	4.	KNo ₃				
27. What is the ph value of blood ?											
1) 5	to 6	2) 8	to 8.5		3) 7.3	3 to 7.5	5	4) 4.4 to 5.8			
28. W	hen is world T	.B. day	celebrate	ed?							
1.)	8 April	2.)	24 Apr	il		3.)	10 April		4.) 9 April		
29. A	moeba reprodu	ce by:-									
1.)	Binnary fissi	on 2.)	Multip	le fissi	on	3.)	Fragm	nentation	4.) Evaporation		

30. Which Vitamin helps in clotting if blood ?								
1.) Vitamin D	2.)	Vitamin K		3.)	Vitamin A	4.)Vitamin E		
31. Which material canno	t be chang	ged easily by rub	bing ?					
1.) Plastis scale	2.)coj	pper rod		3.)	Inflated ballo	n 4.) Woolen cloth		
32. An incident ray strike & reflected ray is:-	s a plane i	nirror at an angle	e of 15 ⁰	⁰ with t	he mirror. The	angle between the incident ray		
1.) 15^0 2.)	30^{0}	3.)	150 ⁰	4.) 45	50			
33. Audible range of hum	an ear is :	-						
1) 10 Hzਤੋਂ 20 Hz		2) 20,000 H	Izਤੋਂ 30),000 H	łz			
3) 20 Hzਤੋਂ 20,000 Hz		4) 30,000 H	Izਤੋਂ 40	,000 H	łz			
34. Information about colour of a body is send to brain via optic nerve through:-								
1.) Rod cell	2.)	Cone cell		3.)	Eye lens	4.) Cornea		
35. Whose reactivity is highest among the following metals ?								
1.) Copper 2.)	Potas	sium 3.)	Iron		4.) Zinc			
36. Which one of the following represents cash crops ?								
1.) Sugacane& Cotto	n 2.)	Rice & Cotton	l	3.) Ri	ce & Wheat	4.) Wheat & Sugarcane		
37. Word 'Tagia' belongs	to which	language:-						
1.) Chinese	2.)	Russian		3.)	German	4.) Japanese		
38. From which basic sed	imentary	rock 'Marble' is	formed	1?				
1.) Limestone	2.)	Sandstone		3.)	Slate	4.) Granite		
39. Which of the following	ig is not a	type of 'Coffee'						
1.) Arabica	2.) R	obusta		3.)	Siberica	4.)Liberica		
40. Which Dynasty first e	stablished	l its capital at De	lhi?					
1.) Rajput Dynasty	2.) Lo	odhi Dynasty	3.)	Khilij	i Dynasty	4.)Tughlaq Dynasty		
41. Who built JamaMasji	d ?							
1.) Babar 2.)	Shah	ahan	3.)	Akbar		4.) Jahangir		
42. Which Mughal Ruler	was hims	elf a good painte	er?					
1.) Babar 2.)	Akba	r	3.)	Jahan	gir	4.)Shahjahan		
43. The Constitutional he	ad of our	country is:-						
1.) Defence Minister	2.)	Prime minister	r	3.)	President	4.) Chief of Army		
44. Which pair is correct?)							

1.)	Dr.Radhakrishnan-Teacher's day			2.) Sh. Jawaharlal Nehru-Environment day					
3.)	Dr. RajinderPrasha	ren Day 4.) M	ahatma Gandhi-PanchSheel						
45. H	ow many members ar	e elected	by the voters of	of Punja	ıb state	to represent the	m in the loksabha?		
1.)	10 2.)	13		3.)	15	4.) 2	20		
46. V	When the first battle of	Karnata	ıka fought ?						
1.)	1756 AD	2.)	1739 AD		3.)	1740 AD	4.)1758 AD		
47. W	here the first Jute Ind	ustry wa	s set up in Indi	a?					
1.)	Mumbai	2.)	Assam	3.)	Benga	al 4.) M	ysore		
48. N	ame the second Guru	of Sikhs	?						
1.)	Guru Ram Das Ji	2.)	Guru Arjun I	Devji	3.)	Guru Amar D	Das 4.) Guru AngadDevji		
49. T	he partition of Bengal	took pla	ce during the C	Governo	r Genei	ral ship of :			
1.)	Lord Dalhousie	2.)	Lord Harding	3	3.)	Lord Curzon	4.) Lord Clive		
50. In	which of the following	ng cities	thermal power	station	is locat	ed?			
1.)	Ludhiana	2.)	Gurdaspur		3.)Morinda		4.)LehraMohabbat		
51. W	hen is the 'Environm'	ent Day'	celebrated ?						
1.)	5 December	2.)	6 December		3.) 5 .	June	4.) 6 June		
52. G	ir National park is the	home o	f which wild an	nimal?					
1.)	Elephant	2.)	Lion	3.) Bl	ack De	er	4.) Stag		
53. W	hich state of India ha	s the Ma	ximum female	literacy	rate?				
1.)	Punjab 2.)	Assar	n 3.)	Keral	a	4.) Maharasht	tra		
54. W	here does the Delta ty	pe of V	egetation foun	d ?					
1.)	In the Plains	2.)	On the Hills		3.) N	lear the Seas	4.) On the Plateaus		
55. R	ight against Exploitati	on is inc	cluded in the :-						
1.)	Fundamental Rights	5		2.) Fu	Indamer	ntal Duties			
3.)	Directive Principles	of state	policy	4.) Moral rights					
56. T	he total number of nor	ninated	members to the	e Rajyas	abhaare	e ?			
1.)	14 2.)	10	3.)	12		4.) 15			
57. T	he president of India i	s elected	by:-						
1.)) The Electoral College 2.) The people of India directly								
3.)	The prime minister	& cabin	et ministers		4.) El	ection commiss	ion		
58. T	he upper house of stat	e legista	ture is called						

10. 48 Hours 2.) 24 Hours 3.) 36 Hours 4.)12 Hours 60.	1.)	Legislative co	ouncil	2.)	Legislative	assembly	3.)Lol	«Sabha	4.)RajyaSabha
1.) 48 Hours 2.) 24 Hours 3.) 36 Hours 4.)12 Hours 60.	59. It	. It is mandatory to end the election campaign how man				now many	y hours	before the day	of voting ?
65 Yrs 2.) 62Yrs 3.) 58Yrs 4.)70Yrs 61. Freedom data served of the serv	1.)	48 Hours		2.)	24 Hours		3.)	36 Hours	4.)12 Hours
1. 65 Yrs 2. 62Yrs 3. 58 Yrs 4.)70 Yrs 61.	60. T	he maximum ag	ge for se	ervice of	f Chief Justice	e & other	judge o	of High Court :	-
61. Present vary Present	1.)	65 Yrs	2.)	62Yrs	;	3.)	58Yrs		4.)70Yrs
1.Castism2.Rei or monomical series3.CommunitesA. Linguism62.Waturai2.Varj3.Kohi4. Urguism7.Maturai2.Varj3.Kohi4. Urguism63.Varguism2.20.20.20.20.4. 2.64.Varguism2.Babadur Sha3.Ahmed Sha4. Akbar65.Muhammad Sha2.Babadur Sha3.Ahmed Sha4. Akbar66.Muhammad Sha2.Cou3.Perol4. Akbar7.Mgar2.Cou3.Perol4. Akbar67.Muhammad Sha2.Porol3.Perol4. Akbar7.Sagar2.Porol3.Jure4. Akbar7.Falkand curret2.Porol3.Jure4. Akbar7.Falkand curret2.Porol3.Jure4. Akbar6.Falkand curret2.Porol3.Jure4. Akbar7.Falkand curret2.Porol3.Porol4. Akbar7.Falkand curret2.Porol3.Porol4. Akbar7.Falkand curret2.Porol3.Porol4. Akbar7.Falkand curret9.Porol9.Porol4. Porol7.Porol9.Porol9.Porol9.Porol7.Porol9.Porol9. <t< td=""><td colspan="8">61. Present day Punjab was formed on the basis of :-</td><td></td></t<>	61. Present day Punjab was formed on the basis of :-								
62. Wirk was she kurk was	1.)	Castism	2.)	Regio	nalism	3.)	Comn	nunalism	4.)Linguism
1.1 Madurai 2.0 Varit 3.0 Koch 4.U 63. Varit 3.0 298 P 4.) 295 PC 64. Varit S.0 298 P 4.) 295 PC 64. Varit Varit S.0 298 P 4.) 295 PC 64. Varit Varit S.0 Paret 4.) 295 PC 65. Varit Varit S.0 Paret 4.) Akbar 65. Varit Varit S.0 Paret 4.) Akbar 66. Varit Varit S.0 Paret 4.) Akbar 67. Varit S.0 Paret A.) Paret A.) Paret 70. Varit S.0 Paret A.) Paret A.) Paret 71. Paret S.0 Paret A.) Paret A.) Paret A.) Paret 71. Paret S.0 Paret S.) S.) Paret A.) Paret 72. Paret Paret S.) Paret A.) Paret A.) Paret 73. Paret S.)	62. W	hat was rhe cap	oital na	me of Pa	andyas ?				
63. Wink with the View of View of the View of the View of the View of View of the View of View of the View of the View of View of the View of View of the View of View of View of View of The View of View	1.)	Madurai		2.)	Vanji	3.)	Kochi	4.)Ur	yur
1) 2/7 BC 2,0 270 FC 3,0 288 FC 4,295 FC 64. W + was the U + was t	63. W	hen did Chande	ergupta	Maurya	become ruler	?			
64. Wire was the last true of Washes 2.) Bahadur Shak Zafar 3.) Ahmed Shak 4.) Akbar 65. Wire of the of the of the of the or true of the of the or true or true of the or true or tr	1.)	297 BC		2.)	270BC	3.)	298 B	С	4.) 295 BC
1.) Muhammad → h 2.) Bahadur Shah Zafar 3.) Ahmed Shah 4.) Akbar 65. Hydro-Electrity 2.) Coal 3.) Petrol 4.) Natural gas 66. Hydro-Electrity 2.) Coal 3.) Petrol 4.) Natural gas 66. Jugar 2.) Cemert 3.) Jute 4.) Alurinum 67. Victor of the following vertor burster under the vertor burster under the following vertor burster the following vertor burst	64. W	ho was the last	Emper	or of M	ughal dynasty	?			
65. Witch of the following resources is not a forsition of the following resources is not a forsition of the following resources is not a resource in the following resource is not a resource in the resource resource is resource in the following resourc	1.)	Muhammad s	hah	2.)	Bahadur Sh	ah Zafar	3.)	Ahmed Shah	4.) Akbar
1.)Hydro-Elective2.)Coal3.)Petrol4.) Natural gas66	65. W	hich of the foll	owing	resource	es is not a foss	sil fuei ?			
66. Is with industry basis is used as raw material?1.)Sugar2.)Cement3.)Jute4.) Aluminum67. With of the following transmission5.)Peru Current3.)Berguela current4.) Mozambique current1.)Falkland current2.)Peru Current3.)To prevent ferule foeticide4.) Against castism68. With transmission5.)To stop community5.)To prevent ferule foeticide4.) Against castism69. For which course is with transmission5.)U.S.A3.)China4.) Russia70. Ar transmission2.)2.93.)2.84.) 2.271.2.02.93.)2.84.) 2.573.Russia3.13.14.)1574. With is the unit big to structure to states3.14.)15	1.)	Hydro-Electri	icity		2.) Coal	l	3.)	Petrol	4.) Natural gas
1.)Sugar2.)Cement3.)Jute4.) Aluminum67.Falkland current for the following cur	66. In	which industry	v bauxit	e is use	d as raw mate	rial?			
67. Wich of the following without the following with the following without the	1.)	Sugar	2.)	Ceme	nt	3.)	Jute	4.) A	luminum
1.)Falkland current2.)Peru Current3.)Benguela current4.) Mozambique current68.To stop community solutionTo stop community solutionSolutionTo prevent female foeticide4.) Against castism69.For which courrent vertex	67. W	hich of the foll	owing	current f	flows by the v	vestern co	past to S	South Africa	
68. Namio Chaan belows to 70 stop community (2) stainst illitrate 3.) 70 prevent from the footicide 4.) Against castism 69. From which community intervent operations 6.) 70. Prevent from the toperation operation operation 4.) Russia 70. Ar present, what is the vent operation operation operation 2.) 0.) 0.) 0.) 4.) Russia 71. Present, what is the vent operation operation operation operation 2.) 2.) 3.) 2.8 4.) 2.2 71. Present, what is the vent operation op	1.)	Falkland curre	ent	2.)	Peru Curren	ıt	3.)Bei	nguela current	4.) Mozambique current
1.) To stop community.) Against illitracy 3.) To prevent feature foeticide 4.) Against castism 69. Findand 2.) U.S.A. 3.) China 4.) Russia 70. A present, what is the number of states in India 3.) China 4.) Russia 1.) 20 2.) 29 3.) 28 4.) 2. 71. How many figures the rub to 1000 which are perfect cubes? 4.) 15 72. What is the unit durity to 2000 viet of	68. N	anhiChaan belo	ngs to						
69. From which courts total adopted particulation of total adopte	1.)	To stop comn	nunalis	m2.) Ag	gainst illitracy	3.)	To pro	event female fo	peticide 4.) Against castism
1.) England 2.) U.S.A. 3.) China 4.) Russia 70. Hersten Hers	69. Fi	com which coun	try Ind	ia adop	[ted parliamer	ntary form	n of Go	vernment?	
70. At present, what is the number of states in India 1.) 20 2.) 29 3.) 28 4.) 22 71. How many figures are there in 1 to 1000 which are perfect cubes? 1) 8 2.) 11 3.) 13 4.) 15 72. What is the unit of cube subscription of 226 where the	1.)	England		2.)	U.S.A.	3.)	China	4.) Ru	ussia
1.) 20 2.) 29 3.) 28 4.) 22 71. How many figures are there in 1 to 1000 which are perfect cubes? 1) 8 2) 11 3) 13 4) 15 72. What is the unit of to the set of 226 whether the set of	70. A	t present, what is	s the nu	umber of	f states in Ind	ia ?			
71. How many figures are there in 1 to 1000 which are perfect cubes? 1) 8 2) 11 3) 13 4) 15 72. What is the unit digit of cubes?	1.)	20	2.)	29	3.)	28		4.) 22	
1) 8 2) 11 3) 13 4) 15 72. What is the unit digit of cube root of 226981?	71. H	ow many figures	are the	re in 1 to	o 1000 which a	re perfect	cubes?		
72. What is the unit digit of cube root of 226981?	1)	8	2)	11	3)	13		4) 15	
	72. W	/hat is the unit di	git of cu	ibe root	of 226981?				
1) 1 2) 3 3) 9 4) 7	1)	1	2)	3	3)	9		4) 7	

73.	73. In the given figure. AOB is a diameter of a circle. If angle ABC = 60 then what is the measure of angle CAB?									
1)	60^{0}	2)	30^{0}		3)	90 ⁰		4)	45 ⁰	В
									A	0 60°
74. ł	low many digits	are there	in squar	re root (of 12343	321?				
1)	2	2)	4	3)	6	4)	3			
75. F	ind the value of	(287) ⁰								
1)	287	2)	28		3)	0		4)	1	
76. F	ind the value of	$\sqrt{\sqrt{59.2}}$	$\frac{1}{9} + \sqrt{59}$	0.29						
1)	9	2)	10		3)	14		4)	5	
77. ł	low many figure	s are the	re in100 ⁷	2 and 1	01^2 whi	ch are no	ot perfec	ct squar	e?	
1)	100	2)	200		3)	1000		4)	2000	
78. F	ind the least nu	mber whi	ch when	multip	lied by 2	028 beco	omes a p	perfect	square.	
1)	2	2)	8		3)	3		4)	4	
79. F	ind the value of	$(704)^2$ -	$-(297)^2$							
1)	4,07,607		2)	4009		3)	47,40	7	4)	4,07,407
80.	The diameter of chord. cm	circle is 2	6 cm. Th	e distar	nce betv	veen cen	tre of th	e circle	and chor	d is 5 cm. Find the length of the
1)	12 cm	2)13 c	m	3)24	- cm		4) 25	cm		
81.	What is the clas	ss interva	al of 165	5-170						
1)	162.5	2)	172.5		3)	167.5		4)	5	
82.	A horse tied wit	h 7m log	rope. Fir	nd the a	rea in v	which hor	se can g	graze?		
1)	154 m ²	2)	144 m²	2	3)	49 m²			4)	1078 m²
83.	Two ropes of ler	ngth 28m	and 36n	n are cu	it into e	qual part	s. Find	the long	gest possi	ble length?
1)	7m 2)	4 m			3)	3 m			4)	5 m
84.	In a soft drink fa in 5 hours?	ctory a m	nachine d	an fill 8	340 bott	les in 6 h	ours. H	ow mar	ny bottles	can it fill
1)	500	2)	400		3)	700		4)	600	
85.	Find the cube ro	ot of 800	0.			<u> </u>		•	2.5	
1)	40	2)	10		3)	80	_	4)	20	_
86.	How many figur	es are the	ere whic	h are eo	quals to	its cubes	s but no	t equal	to their s	quares?

1)	0	2)	1	3)	2		4)	3		
87. If	the mean of for	ur conse	cutive even n	umbers is	15. Ther	ո find th	e first n	umber.		
1)	10	2)	8	3)	12		4)	6		
88. H	ow many soluti	ons are t	there of a line	ar equatio	n?					
1)	4	2)	2	3)	1		4)	0		
89. V	Vhich is the leas	st prime	number?							
1)	4	2)	0	3)	6	4)	2			
90. TI	90. The age of 10 teachers of a school is 32,41,28,54,35,26,23,33,38,40. Find the range of the teachers' age.									
1)	32 year	2)	31year		3)	41 y	ear	4)	23 year	