SAINIK SCHOOL IMPHAL NDA MOCK TEST GAT (SET-18)

DATE: TIME: 2 ½ HOURS (1600-1830) MAX. MARK: 600

GENERAL INSTRUCTIONS:

- (i) All 150 questions carry 4 marks each.
- (ii) There will be penalty of 1/3 of the mark assigned to that question (i.e. 1.33) for each wrong answer marked by the candidate.
- (iii) You have to mark your response my completely blackening with black ball pen, to indicate your response.

<u>Direction-(Q.1 to 9)</u>: Each of the following items consists of a word in capital letters, followed by four word(s) that is **most similar** in meaning to the word in capital letters

1.	EULOGY				
	(a) Criticism	(b) High praise	(c) Confide	nce (d)	A lament for the dead
2.	REBATE				
	(a) Loss	(b) Compens	ation (c) Refu	nd (d)	Discount
3.	BLITHE				
	(a) Graceful	(b) Giddy	(c) Joyous	(d) Oth	ner-worldly
4.	KAOLIN				
	(a) Soil	(b) Stone	(c) Sand	(d) C	lay
5.	HUFFY				
	(a) Frustrated	b) Tired	(c) Rough	ı (d) Ar	ngry
6.	HOODWINK				
	(a) To cheat	(b) To mislea	id (c) To	misguide	(d) To impose on
7.	MIFFED				
	(a) Baffled	(b) Felicitate	d (c) Ad	mired	(d) Annoyed
8.	PROWESS				
	(a) Expertise	(b) Affluence	e (c) Inf	luence	(d) Ignorance
9.	LATENT				
	(a) Hard	(b) Conceale	d (c) Vis	sible	(d) Display

<u>Directions (Q.10 to 18)</u>: Each of the following items consist of a word in capital letters, followed by four words or group of words. Select the word or groups of words that is **most nearly opposite** in meaning to the word in capital letters.

10.	BEGUILE			
	(a) Flatter	(b) Smile	(c) Cheat	(d) Persuade
11.	COARSE			

	(a) Beautiful	(b) Attractive	(c) Fine	(d) Smart
12.	DISDAIN			
	(a) Praise	(b) Equivocate	(c) Salvage	(d) Turbulence
13.	INDUCE			
	(a) Flatter	(b) Flow	(c) Push	(d) Move
14.	AVENGE			
	(a) Exempt	(b) Reward	(c) Save	(d) Forgive
15.	SEDATE			
	(a) Lacking in conf	fidence (b) Weak (c) Flippant	(d) Ill-informed
16.	ABORTIVE			
	(a) Vain	(b) Useless	(c) Futile	(d) Efficient
17.	ACCEDE			
	(a) Comply	(b) Approve	(c) Protest	(d) Agree
18.	ADROID			
	(a) Clever	(b) Expert	(c) Proficient	(d) Dull

<u>Directions (Q.19 to 26)</u>: In each of the following sentences one blank space is left. Pick up from the alternative one, which will fill the blank space correctly.

A man who conniv	\prime es the faults of hi	is children is their wo	rst enemy.
(a) on	(b) with	(c) at	(d) for
The modern club i	s simply a more refined	substitute the	old fashioned tavern.
(a) with	(b) at	(c) for	(d) of
India is teeming	millions of people.		
(a) in	(b) at	(c) with	(d) on
He is decidedly	any kind.		
(a) human	(b) humane	(c) humanity	(d) human being
Every animal take	care of their		
(a) children	(b) progeny	(c) off-spring	(d) none of these
The applicant bein	g ill to go home.		
(a) he is allowed	(b) is allowed	(c) allowed	(d) allowed he is
He looks like	_ better		
(a) getting	(b) going to get	(c) to get	(d) of getting
She	_ a brief appearance at	the end of the party.	
(a) put on	(b) put in	(c) put across	(d) put up
	(a) on The modern club i (a) with India is teeming (a) in He is decidedly (a) human Every animal take (a) children The applicant bein (a) he is allowed He looks like (a) getting She	(a) on (b) with The modern club is simply a more refined (a) with (b) at India is teeming millions of people. (a) in (b) at He is decidedly any kind. (a) human (b) humane Every animal take care of their (a) children (b) progeny The applicant being ill to go home. (a) he is allowed (b) is allowed He looks like better (a) getting (b) going to get She a brief appearance at	The modern club is simply a more refined substitute the (a) with

<u>Directions (Q.27 to 31)</u>: The sentences given below are underlined in three separate parts and each one is labelled (a), (b) and (c). Read each sentence to find out whether there is an error in any underline part. You may feel that there is no error in a sentence. In that case letter (d) will signify a 'No error' response.

27.	The young chil	<u>ld</u>	<u>singed</u>	<u>i</u>	a very	sweet song.		No error	
	(a)		(b)			(c)		(d)	
28.	We worked	very ha	<u>ırd</u>	through	out th	e season.	No err	<u>or</u>	
	(a)	(b)			(c)		(d)		
29.	She stood off	from th	ne crow	<u>bec</u>	ause o	f her height	and flamii	ng red hair	. <u>No erroi</u>
	(a)		(b)			(c)			(d)
30.	<u>I am learning E</u>	<u>nglish</u>	for ten	years		without mu	<u>ıch effect</u> .	No error	
	(a)		(b)			(c)		(d)	
31.	Your husband	does no	<u>ot</u>	<u>believe</u>	that yo	ou are older	<u>than I</u> .	N <u>o error</u>	
	(a)			(b)		(c)	(d)	

<u>Directions (Q.32 to 36)</u>: In each of the following questions, the first and the last part of the given sentence are numbered S_1 to S_6 respectively. The rest of the sentence is split into four parts and named P, Q, R and S. These four parts are not given in their proper order. Read the sentence and find out which set of the four combinations is correct. Then find the correct answer and indicate on the Answer sheet:

32. S_1 A study : success increases concludes that Q R and chances for S commitment to future tasks future success. The proper sequence should be: **RQPS** (b) SRQP (c) QPSR (d) **PSRQ** (a) 33. S_1 putting it another way, what we see as our Q our goals throughout our lives R we are constantly resetting S in response to S_6 wins and losses. The proper sequence should be: (a) **RQSP** (b) QPRS (c) PRSQ (d) **RSQP** 34. S_1 studies of Nobel laureates show that Р or encounter professional : Q and have strained relationship with friends and colleagues they often publish less frequently R

after winning the prize

S

	S_6	:	every a	nd riva	lry.				
	The pr	oper se	quence	should	be:				
	(a)	SRQP		(b)	RQPS	(c)	QPSR	(d)	PSRQ
35.	S_1		There i	c					
55.	P		no sucl						
	Q.		from o	_	on				
	R		as the		011				
	S	:	of the i	_	ndence				
	S_6	:	to anot	=					
		oper se	quence		be:				
	(a)	SPQR	90000	(b)	PRSQ	(c)	QPRS	(d)	RSPQ
	(-)	•		(- /		(-)		(-)	
36.	S_1	:	People	, who					
	Р	:	are ter						
	Q	:	no way	of taki	ng				
	R	:	there is	S					
	S	:	have n	o weak	nesses				
	S_6	:	advant	age of	them.				
	The pr	oper se	quence	should	be:				
	(a)	PSQR		(b)	RSPQ	(c)	SPRQ	(d)	QSRP
<u>Direct</u>	ions (Q.	.37 to 42	2) : In th	e follov	ving passage th	nere are	blanks, each o	f which	has been
numb	ered. Th	iese nur	nbers a	re print	ed below the p	assage	and against ea	ch, a ch	oice of four words
is give	n, one c	of which	is most	appro	oriate. Choose	the wo	rd that is most	appropi	riate. Mark the
letter,	viz a, b	, c, d rel	ating to	this w	ord:				
	Smallp	ox, the	most de	evastati	ng and feared	pestiler	nce in human h	istory, i	s making its last
stand	in two r	emote a	areas of	Ethiop	ia, one in the d	esert a	nd one in the m	nountair	ıs.
	As of t	he end	of Augu	st,	37 five villa	ges had	experienced c	ases	<u>38</u> the
=							ist <u>40</u> ca		
9 th Au	gust	<u>41</u>	man is	the onl	y known <u>42</u>	<u>2</u> of	the smallpox vi	rus, the	disease should be
elimin	ated for	ever wh	nen the	last inf	ected person re	ecovers			
37.	(a)	rarely		(b)	the	(c)	only	(d)	many
38.	(a)	in		(b)	about	(c)	of	(d)	for
39.	(a)	necess	arily	(b)	importantly	(c)	urgently	(d)	luckily
40.	(a)	found	-	(b)	remembered	(c)	known	(d)	seen
41.	(a)	becaus	se	(b)	when	(c)	while	(d)	is
42.	(a)	culprit		(b)	reservoir	(c)	producer	(d)	only

<u>Directions (Q.43 to 47)</u>: Read the following passage carefully and answer the questions given below:

Long ago, Emperor wrote: 'A man's tasks is his life-preserver'. This seems to be remarkably correct in our modern life. The man without task is like a ship without a ballast and anchor, he is all too often merely a drifter. Few men seem to have initiative enough to choose a task for themselves if they do not need to work. When the inevitable disappointments come, as they assuredly will, they are completely overwhelmed. But the man who has his task, has no time for vain regret, he escapes the disastrous fate in which overtakes his less fortunate brother. Work is one of the greatest safety valves which was ever invented, and youth especially needs it.

- 43. It seems to be remarkably correct in modern life that:
 - (a) a man has enough leisure
 - (b) youth needs less work and more rest
 - (c) the correct choice of the task preserves one's life.
 - (d) men fail to choose a task for themselves.
- 44. The expression 'safety valve' means:
 - (a) something which blows up safety
 - (b) an outlet for rent-up energy
 - (c) something which guarantees safety
 - (d) a leaf of a folding door
- 45. A ship without ballast and anchor:
 - (a) is in great danger
 - (b) merely drifts
 - (c) is very safe
 - (d) may not go in the right direction
- 46. A man who suffers from vain regrets must:
 - (a) have chosen his life's work rather carelessly
 - (b) meets with disastrous fate
 - (c) been a victim of adverse circumstances to do
 - (d) is very safe.
- 47. A person who has chosen the right task has no limit to regret because he:
 - (a) is engrossed in his work
 - (b) has too much to do
 - (c) has succeeded in life
 - (d) has a safe and secured life

<u>Directions (Q.48 to 50)</u>: Each of the following idioms is followed by four alternatives. Indicate which is correct:

48.	To put two and two together								
	(a)	To bear	the brunt of						
	(b)	(b) To conclude from obvious fact							
	(c)	To put off							
	(d)	To put	on a false appeara	ance.					
49.	To w	ash dirty l	ines in public						
	(a)	To quarrel openly							
	(b)	(b) To clean solid linen							
	(c)	(c) To understand the hidden meaning of the word							
	(d)	To was	h dirty clothes.						
50.	To re	ead betwe	en the lines						
	(a) To suspect								
	(b)	(b) To read carefully							
	(c)	(c) To understand the hidden meaning of the word							
	(d)	To do u	seless things.						
51.	Whic	Which of the following statement is correct?							
	(a) B	(a) Both sound and light waves in air are longitudinal.							
	(b) Both sound and light waves in air are transversal.								
	(c) Sound waves in air are transverse and light waves longitudinal.								
	(d) S	ound wave	es in air are longit	udinal and light wa	aves transverse.				
52.	A par	ticle is mov	ing in a circle with u	niform speed. Its mot	cion is				
			simple harmonic		(b) periodic but not simple harmonic.				
	(c) os	cillatory		(d) None of the	above				
53.					e forces each of 5 kN in a tug	of war so			
			•		e tensile force in the rope?				
	(a) Zero)	(b) 2.5 kN	(c) 5 kN	(d) 10 kN				
54.	Heat	energy fr	om sun reaches th	ne earth by					
	(a) so	cattering	(b) conduction	(c) radiation	(d) convection				

55. Directions:

This question consists of two statements, Statement I and Statement II. You are to

examine these two statements carefully and select the answers to these items using the code given below :

Statement I:

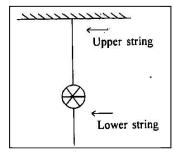
A thermos flask is made of double-walled glass bottles.

Statement II:

Metals are good conductors while gas and air are poor conductors of heat.

Code:

- (a)Both the statements are individually true and Statement II is the correct explanation of Statement I.
- (b)Both the statements are individually true but Statement II is not the correct explanation of Statement I.
- (c)Statement I is true but Statement II is false
- (d)Statement I is false but Statement II is true
- 56. A converging lens is used to form an image on a screen. When the upper half of the lens is covered by an opaque screen
 - (a) half the image will disappear
- (b) complete image will be formed
- (c) intensity of the image will increase
- (d) intensity of the image will decrease
- 57. The magnetic lines of force due to a bar magnet
 - (a) intersect inside the body of the magnet
- (b) intersect at neutral points only
- (c) intersect only at north and south poles
- (d) cannot intersect at all
- 58. A pendulum clock is set to give correct time at the sea level. The clock is moved to a hill station at an altitude 'h' above sea level. In order to keep correct time on the hill station which one of the following adjustments is required?
 - (a) The length of the pendulum has to be reduced
 - (b) The length of the pendulum has to be increased
 - (c) The mass of the pendulum has to be increased
 - (d) The mass of the pendulum has to be reduced
- 59. A heavy ball is suspended as shown in the figure given below.



A quick jerk on the lower string will break that string but a slow pull on the lower string will break the upper string. The first result occurs because;

- (a) the force is too small to move the ball
- (b) air friction holds the ball back

(c) of action and reaction

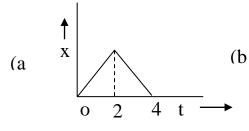
- (d) the ball has inertia
- 60. A light body and heavy of different masses have equal linear momentum. Which body possesses higher kinetic energy?
 - (a) light body

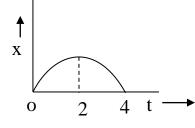
(b) heavy body

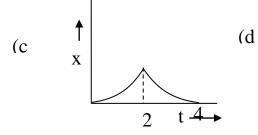
(c) equal value

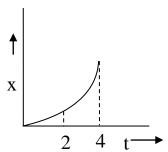
- (d) None of the above
- 61. Consider two hollow glass spheres, one containing water and the other containing mercury. Each liquid fills about one-tenth of the volume of the sphere. In zero gravity environment
 - (a) water and mercury float freely inside the sphere
 - (b) water forms a layer on the glass, while mercury floats
 - (c) mercury forms a layer on the glass, while water floats
 - (d) water and mercury both form a layer on the glass
- 62. A particle starts from rest, accelerates uniformly for 2 seconds and then decelerates uniformly for 2 seconds and comes to rest.

Which one of the following displacement (x) - time (t) graphs represents the motion of the particle?









- 63. A body attached to a spring balance weighs 10 kg on the Earth. The body attached to the same spring balance is taken to a planet where gravity is half that of the Earth. The balance will read
 - (a) 20kg
- (b) 10 kg
- (c) 5 kg
- (d) 2.5 kg
- 64. Nuclear fusion reactions require very high temperature so as to overcome
 - (a) van der Waals' forces

(b) Nuclear forces

(c) Gravitational forces

(d) Coulomb forces

Consider the following statements in question number **65** and **66**:

- 65. An external pressure Po is applied to the surface of a liquid in a container. Then,
 - 1. the pressure on all side-walls increases by P_0 .
 - 2. the pressure on the bottom wall increases by P_0 .
 - 3. the pressure at all points inside the liquid increases by P_0 .

Which of the statements given above are correct?

(a) 1, 2 and 3

(b) I and 2 only

(c) 1 and 3 only

(d) 2 and 3 only

- 66. If there were no capillarity
 - 1. it would be impossible to use a kerosene lamp.
 - 2. one would not be able to use a straw to consume a soft drink.
 - 3. the blotting paper would fail to function.
 - 4. there would have been no plants on the earth.

Which of the statements given above are correct?

(a) 1, 2 and 4 only

(b) 1, 3 and 4 only

(c) 2 and 3 only

- (d) 1, 2, 3 and 4
- 67. Which one among the following is the most appropriate statement with respect to the atomic weight of an element?
 - (a) The atomic weight of an element is the sum total of the number of protons and neutrons present in the atom of the element.
 - (b) Unlike mass number, the atomic weight of an element can be a fraction.
 - (c) The atomic weight of an element is a whole number.
 - (d) The atomic weight of all the atoms in an element is the same.
- 68. For a steel boat floating on a lake, the weight of the water displaced by the boat is
 - (a) less than the weight of the boat
 - (b) more than the weight of the boat
 - (c) equal to the weight of the part of the boat which is below the water level of the lake
 - (d) equal to the weight of the boat.
- 69. Which one of the following is correct?

A negatively charged glass rod has always

- (a) less electrons than protons
- (b) less electrons than neutrons
- (c) less protons than electrons
- (d) less neutrons than protons

- 70. Consider the following pans of spectra:
 - 1. Visible
- 2. Infrared
- 3.Ultraviolet
- 4. Microwave

Which one of the following is the correct sequence in which their wavelengths increase?

(a) 4-3-1-2

(b) 4-1-2-3

(c) 3-2-1-4

(d) 3-1-2-4

71. Assertion (A):

A domestic electric appliance working on 3-pin plug will continue working even if the top pin is removed.

Reason (R):

The top pin is used only as a safety device.

Codes:

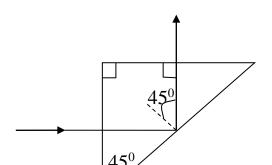
- (a) Both A and R are individually true and R is the correct explanation of A
- (b) Both A and R are individually true but R is not the correct explanation of A
- (c) A is true but R is false
- (d) A is false but R, is true
- 72. A proton and an electron having equal velocity are allowed to pass through a uniform magnetic field normal to the field. Which one of the following statements is correct in this connection?
 - (a) The proton and the electron experience equal and opposite force
 - (b) The proton experiences greater force than does the electron
 - (c) The electron experiences more force than does the proton
 - (d) No moving charged particle experiences a force in a magnetic field
- 73. A coin in a beaker tilled with water appears raised. This phenomenon occurs because of the property of
 - (a) reflection of light

- (b) refraction of light
- (c) total internal reflection of light
- (d) interference of light
- 74. How many sixty watt (60 W) bulbs may be safely used in a 240-V supply with 4-ampere fuse?
 - (a) 4

(b) 8

(c) 12

- (d) 16
- 75. A light ray is incident perpendicular to one face of a 90° prism and is totally internally reflected at the glass-air interface. If the angle of reflection is 45°, we conclude that the refractive index, n:



	(a) n< 1 / V2	(b) n >V2	(c) n > 1 / V2	(d) n <v2< th=""><th></th></v2<>			
76.	Carbon forms la (a) Allotropes. (c) Tetravalent		mpounds because it has (b) Catenation property. (d) Variable valence.				
77.	• •	•	osition are carbonic acid, bo I boric acid is to prevent,	oric acid, eosin, glycerin, phen	ol		
	(a) Fungi.		(b) Bacteria.				
	(c) Viruses		(d) Insects.				
78.	Which one of the following is not correctly matched? (a) Washing soda — Na_2CO_3 . $10H_2O$ (b) Bauxite — Al_2O_3 . $2H_2O$ (c) Freon - $CF_2C\ell_2$ (d) Oil of vitriol — $H_2S_2O_7$						
79.	Natural rubber	is					
	(a) Polyisopren	e.	(b) Polyvinyl chloride.				
	(c) Polychlorop	ropene.	(d) Polyfluoropropylene	(d) Polyfluoropropylene.			
80.	The correct dec	reasing order of ni	trogen content in the given	compound is,			
	(a) NH₂COI	NH ₂ , NH ₄ C&, NH ₄ N(O ₃ , NH ₄ NO ₂				
	(b) NH₂COI	NH ₂ , NH ₄ NO ₃ , NH ₄ N	NO₂, NH₄Cℓ,				
	(c) NH₄Cℓ,	NH ₂ CONH ₂ , NH ₄ NO	O ₃ , NH ₄ NO ₂				
	(d) NH₂CON	IH ₂ , NH ₄ NO ₂ , NH ₄ N	IO₃, NH₄Cℓ				
81.	Which of the following statement is/are correct regarding the properties of hard water?						
	(I) Temporary hardness of water is due to presence of soluble magnesium and calcium bicarbonate.						
	(II) Temporary I	nard water can be	removed by boiling.				

(III) Calgon's method is applied to remove temporary hardness of water.

(IV) Permanent hardness of water is removed by Clarke's method.

	Choose the correct answer from the follow	wing codes.
	(a) I and II	(b) I, II and III
	(c) III and IV	(d) Only II
82.	phosphorus while head of the match which one of the following material?	urface has powdered glass and a little red stick contains only antimony trisulphide and
	(a) KCℓO ₃	(b) KBrO₃
	(c) NaClO ₃	(d) KIO ₃
83.	Which one of the following is not a polym	er?
	(a) Wool	(b) Silk
	(c) Cellulose	(d) Glucose
84.	Freezing point of H_2O and D_2O are $0^{\circ}C$ and respectively are $100^{\circ}C$ and	3.8°C respectively while their boiling points
	(a) 100°C	(b)101.42°C
	(c) 102.42°C	(d) 100.42°C
85.	When zinc granules are added in an aque the solution changes to colourless. This is	eous solution of $CuSO_4$ solution, the blue colour of due to
	(a) Cu is less reactive than Zn.	(b) Cu is more reactive than Zn.
	(c) Sulphate in acts as oxidising agent.	(d) Sulphate ion acts as reducing agent.
86.	During electrolysis, the amount of a me called as	tal which can be deposited by 1F of electricity is
	(a) Electrochemical series.	(b) Spectrochemical series
	(c) Electrochemical equivalent.	(d) Equivalent mass.
87.	Which one of the following base does not (a) Ammonia – (NH_3) (b) So	nd an acid usually produced water and asalt. produce water during neutralisation reaction? podium bicarbonate – NaCO ₃ alcium hydroxide – Ca(OH) ₂
88.	Which one of the following is not matched (a) RA Millikan – Calculation of charge (b) Heitlor and London - Valence Bond (c) Max Planck - Quantisation of energy (d) Arrhenius – Molecular orbital theory	of electron I Theory By

89.	A mixture of red ink and blue ink can be separated by						
	(a) Distillation.	(b) Chromatography.					
	(c) Crystallisation.	(d) Fractional Distillation.					
90.	The temperature at which	a solid melts to become a liquid at the atmospheric pressure is					
	called the melting point. Th	e melting point of a solid is an indication of					
	(a) Strength of the intermol	ecular forces of attraction.					
	(b) Strength of the intermo	lecular forces of repulsion.					
	(c) Molecular mass of the m	nolecules present.					
	(d) Arrangement of the con	stituent particles of the metal					
91.	Who among the following o	discovered antibiotic producing fungus from penicillium					
	a) Louis Pasteur	b) Sir Alexander Flemming					
	c) Stanley Prusiner	d) Robert Hooke					
92.	Which one among the follo	wing water-borne diseases is not caused by a bacteria?					
	a) Cholera	b) Bacillary dysentery					
	c) Typhoid	d) Hepatitis-A					
93.	Which of the following human organs is not associated with immune response?						
	a) Thymus	b) Brain					
	c) Spleen	d) Lymph node					
94.	A microbe used as protein supplements is						
	a) Chlorella	b) Ashbya					
	c) Spirulina	d) Both (a) and (c)					
95.	Green house effect is the h	eating up of the earth's atmosphere, which is due to					
	a) u.v rays	b) y-rays					
	c) infra-red rays	d) x-rays					
96.	Which of the following groups of plants can be used as indicators of SO ₂ pollution of air						
	a) Ferns	b) Mentha					
	c) Lichens	d) Hornworts					
97.	Which one the following is	not a Greenhouse gas?					
	a) Water vapour	b) Methane					
	c) Ozone	d) Carbon dioxide					
98.	Consider the following laye	rs of the atmosphere					

	1. Tro	oposphere	2. Stratosphe	ere	3. Mesosphere	4. Thermosphere		
	Find	out the correc	t sequence of th	ne laye	rs with increasing alti	itude from earth's surface		
	a)	1,2,3,4		b)	2,1,3,4			
	c)	3,2,1,4		d)	4,2,3,1			
99.			g mass of phytop	olankto	on covering the surfa	ce water of a lake or pond		
	know			b\ ,,,	atar byaainth			
	-	iter pollution		•	ater hyacinth			
	c) en	trophication		a) w	ater bloom			
100.	Acid	rain is formed	due to contribu	tion fr	om the following pair	of gases		
	a) Me	ethane and Oz	one	b) O	xygen and Nitrous ox	ide		
	c) Me	ethane and Su	lphur dioxide	d) N	itrogen oxides and Su	ılphur dioxides		
101.		620 leaders ha		iject ho	ow much amount into	o the global economy to		
	•	SD 5 trillion		,	SD 4 trillion			
	b) c)	USD 3 trillion	1	d) U	SD 6 trillion			
102.			approved the sal		arpoon missiles and to	orpedoes to India?		
	a) Fra			d) Is	ussia			
	c) Un	ited States		u) is	erai			
103.	Cons	titution?	-		_	ake oath under the Indian		
		stice RajneshC)swal	•	mar Abdullah			
	c) Jag	dish Singh		d) RanjanGogoi				
104.			nost Asian Boxing	-	npionships 2020?			
	a)Tur	•		b) In				
	c) Ch	ina		a) Ba	angladesh			
105.			of the ventilator		ped by Indian Railwa	ays?		
	•	eevan'		•	abitra			
	C) Ka	il Care		a) in	dian Rail Care			
106.	What	t is the name o	of China's first M	lars ex	ploration mission?			
		Tianwen-5"			Fianwen-1"			
	•	anwen-2"		,	Fianwen-3"			
107.	IMF ł	nas predicted	how much grow	th rate	for India in 2020?			
	•	percent		•	5 percent			
	c) 2 p	ercent		d) 1.	9 percent			

is

108.	Which country is seeking a \$4 a) Sri Lanka c) Nepal	100 mn debt swap facility from the Reserve Bank of India. b) Bangladesh d) Bhutan
109.	What is NASA's mission to stu	udy Giant Solar Particle Storms called?.
	a) Macy	b) Sunrise
	c) East Mojo	d) Bloomingdale
110.		e first to start pool testing of COVID-19 samples?
	a) Uttar Pradesh	b) Madhya Pradesh
	c) Telangana	d) Tamil Nadu
111.	,	g the 3rd Asian Youth Games in 2021?
	a) North Korea	b) South Korea
	b) c) Japan	d) China
112.	India's victory over New Zeala years?	and in test match series in Mar-Apr, 2009 came after how many
	a) 41	b) 44
	c) 43	d) 42
113.	First modern summer Olympi	ics
	a) 1898	b) 1897
	c) 1896	d) 1899
114.	World's first cashless country	
	a) England	b) USA
	c) France	d) Sweden
115.	Thomas cup related to –	
	a) Tennis	b) Badminton
	c) Football	d) Cricket
116.	The latitude which is the half	of Equator length is
	(a) $23\frac{1}{2}$	(b) 45°
	(c) 60°	(d) 75°
	(0) 00	(u) 73
117.	Mangrove vegetation in India	a is most extensive in
117.	(a) Malabar	(b) Rann of Kachchh
	, ,	···
	(c) Sunderbans	(d) None of these
118.	Gaseous hypothesis of the or	igin of the earth was propounded by
	(a) Laplace	(b) Immanuel Kant

1	(م)	т	\boldsymbol{c}	Chamberlin
١	U	١.	C.	Chamberiiii

(d) James Jeans

119. Match the following

List I

A. Haldia

B. Paradip

C. Marmagao

D. Tuticorin

A. B. C. D.

	Α	В	С	D
(a)	3	4	1	2
(b)	3	2	4	1
(c)	1	2	4	3
(d)	1	4	2	3

- 120. 'Lichens and Mosses' are the charactistic vegetation of
 - (a) Hot desert region
- (b) Mediterranean region

(c) Tundra region

- (d) temperate region
- 121. Continental Drift Theory is given by
 - (a) Karl Marx

(b) Wegener

(c) Hawkins

- (d) Malthus
- 122. The velocity of the rotation of the earth is the greatest at the
 - (a) Equator

(b) Tropic of cancer

(c) Antarctic circle

- (d) North pole
- 123. Which of the following is not correctly matched?
 - (a) Isobars --- same pressure area
 - (b) Isohyets --- same rainfall area
 - (c) Isotherms --- same temperature area
 - (d) Isohels --- same salty area
- 124. Which one of the following meridian is designated as International Date Line?
 - (a) $82\frac{1}{2}$

(b) 0°

(c) 180°

(d) 150°

125.	The rate of decreasing temperature in troposphere is 1°C for everymeters increasing					
	height from the surface of t		_			
	(a) 150	(b) 21				
	(c) 165	(d) 10	00			
126.	Stratification, Fossilisation, porosity and rapid erosion are some characteristics of a particular rock. Identify the rock.					
	(a) Igneous		dimentary			
	(c) Metamorphic		one of them			
127.	Which one of the following characterises the cold weather season in India?					
	(a) Warm days and warm n		(b) Cool days and cold nig			
	(c) Cold days and warm nigl	hts	(d) Warm days and cold i	nights		
128.	The intensity of sun ray on the earth depends on					
	(a) Latitude	(b) W	(b) Wind			
	(c) Nature of terrain	(d) Al	titude			
129.	The interval between two high tides is approximately					
	(a) 24 h	(b) 6	h			
	(c) 12 h	(d) 8	h			
130.	The Indian Standard Time is ahead of Greenwich Mean Time (GMT) by					
	(a) 5h and 30min	(b) 6h	and 30min			
	(c) 2h and 30min	(d) 8h	and 30min			
131.	Which one of the following gives the correct chronological order of the Vedas.					
	(a) Rigveda, Samaveda, Atharvaveda, Yajurveda.					
	(b) Rigveda, Samaveda, Yajurveda, Atharvaveda.					
	(c) Atharvaveda, Yajurveda, Samaveda, Rigveda.					
	(d) Rigveda, Yajurveda, Samaveda, Atharvaveda.					
132.	Where did Ashoka send his messengers to spread ideas about 'Dharma'. Choose the					
	correct answer from the cod	O	/: \ C :			
	(i) Syria (ii) Egypt	(iii) Greece	(iv) Sri Lanka			
	(a) Only (i)	(b)	Only (ii) and (ii)			
	(c) Only iv	(d)	All of them.			
133.	Which of the following is the correct order of Secretary Generals of the UNO?					
	i. Boutros BontrosGhaliii. Ko					
	iii. Ban Ki Moon	iv. JevierPese	ezdeCullar			

	(a) I, ii, iii, iv (c) iv, I, ii, iii	(b) iv, iii, ii, i (d) iii, ii, I, iv		
134.	Quit India Resolution was passed by t (a) Lahore Session (c) Calcutta Session	the Indian National Congress in its- (b) Bombay Session (d) Lucknow Session		
135.	 Who was the main author of the Declaration of Independence? (a) Thomas Paine (b) Thomas Jefferson (c) Ben Franklin (d) George Washington 			
136.	Who advocated government based of (a) Darwin (c) Rousseau	on Social contract? (b) Spencer (d) Montesquieu		
137.	Henry Vivian Derozio Started Young revolutionary ideas? (a) Industrial Revolution (c) American Revolution	Bengal Movement with the inspiration of which (b) French Revolution (d) Marxian Theory		
138.	Who was overthrown in the Glorious (a) Louis XIV (c) James II	Revolution? (b) Charles I (d) William and Mary.		
139.	Which among the following is not a correct statement regarding JyotibaPhule? (a) He used dalitword for the first time in nineteenth century. (b) He was the staunch supporter of Mahatma Gandhi's HarijanSevakSangh. (c) He is known as the author of Gulanagiri. (d) He formed SatyashodhakSamaj in 1873.			
140.	Which among the following is not a li (a) Hind Swaraj (c) Yugantar	terary work of Mahatma Gandhi? (b) Indian Opinion (d) Young India.		
141.	Which of the following is an indirect (a) Corporation tax (c) Wealth tax	tax? (b) Excise duty (d) Capital Gains tax		
142.	The standard of living in a country rep (a) National income (c) Poverty ratio	oresented by its (b) Per capita income (d) Unemployment rate		
143.	The largest contribution in India's Na (a) Primary Sector (c) Tertiary sector	tional Income is form (b) Secondary sector (d) Any of the above		

144.	Open market operations of Central Bank are sale and purchase of				
	(a) Foreign Currencies	(b) Corporate securities			
	(c) Trade bills	(d) Government Securities			
145.	Economic planning is a subject				
	(a) In the Union List	(b) In the state list			
	(c) In the Concurrent list	(d) Unspecified in any Special list.			
146.	When was the Reserve Bank of India taken over by the Government?				
	(a) 1945	(b) 1949			
	(c) 1952	(d) 1956			
147.	What are Open Market Operations?				
	(a) Activities of SEBI registered brokers.				
	(b) Selling of securities by the RBI.				
	(c) Selling of gift-edged securities b	y the government.			
	(d) None of the above.				
148.	The Preventive Detention Act has a restraining effect on				
	(a) Right to Equality	(b) Right to Freedom			
	(c) Right to Religion	(d) Right to Constitutional Remedies.			
149.	Vice-President of India is elected by an electoral college consisting of				
	(a) Members of both Houses of Parliament				
	(b) Members of RajyaSabha				
	(c) Members of LokSabha.				
	(d) Members of the State Assemblies.				
150.	Who was the first Chief Election Commissioner of India?				
	(a) SukumarSen (b) E	3o Joti			
	(c) KukSundaram	(d) Swaminathan			