PREVIOUS YEAR QUESTIONS - 2018

NDA - ENGLISH

$\underline{PART - A}$

SELECTION WORDS

	<u>NDA</u>	- ENGLISH
	Ī	<u>PART – A</u>
SELI	ECTION WORDS	
Direct	ions for the following 10 items:	
	_	has a sentence with a blank space and four words or groups of
	-	ord or group of words you consider most appropriate for the
	space and indicate your response on the Ansy	wer Sheet accordingly.
1.	I you to be at the party this evening.	
	A) Look forward to	B) Hope
	C) Expect	D) Think
2.	When I mot John vostorday, it was the first	time I him since christmas.
۷.	When I met John yesterday, it was the first A) Saw	B) Have seen
	C) Had seen	D) Have been seeing
		2) may been seeing
3.	He to listen to my arguments and w	alked away.
	A) Denied	B) Disliked
	C) Prevented	D) Refused
	\circ	
4.	The flow of blood was so that the p	atient died.
	A) Intense	B) Adequate
	C) Profuse	D) Extensive
_		
5.		r experiences in America.
	A) Said	B) Told
	C) Explained	D) Spoken
6	I always felt hungry I hcard the di	nner hell
0.	A) As much as	B) As well as
	C) As soon as	D) As close as
		, ,
7.	Although they took every precaution, they o	could not the accident.
~	A) Defer	B) Allow
7	C) Avoid	D) Block

		, NAVY , AIRFORCE , POLICE	Page 2
7			
~	C) Denied	D) Repeated	
N	A) Accepted	B) Confirmed	
15.	The witness Corroborated word	for word the statement of the victim.	
		2) children	
	C) Useless	D) Unforgettable	
14	A) Precious	B) Ominous	
1/	The birth of his child decidedly	proved to be an <u>auspicious</u> event in his life.	
	C) Irritable	D) Lovable	
	A) Reserved	B) Gullible	
13	Unlike his brother, he is <u>affable</u>	_	
	\checkmark	7	
	C) Interesting	D) Risky	
	A) Pleasant	B) Effortless	
12	. It was indeed <u>arduous</u> to cross s	treets in Newyork.	
	- ,		
	C) Fun	D) Diaster	
11	A) Success	B) Joy	
11	. My first lecture in the classroon	n was a Fiasco	
	The Answer sheet accordingly.	posite in meaning to the underlined word and indicate	e your response in
		ts of a sentence with a word underlined and is follow	
Direct	ions for the following five items:		
		ANTONYMS	
	C) Little	D) Enough	
10	A) Few	B) Too little	Y
10	. Please don't give me any more,	I have had	J
	C) Lust	D) Intention	X
	A) Idea	B) Vision D) Intention	AY
	plunder.		
9.	•	a monster of wickedness, insatiable in his for	or blood and
			4
	C) Aspired	D) Expired	
	A) Transpired	B) Perspired	
8.	The ambitious nobleman	to marry the king's daughter.	

SYNONYMS

Directions for the following five items:

In this section, each item consists of a sentence with a word underlined and is followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the underlined word and indicate your response in the Answer sheet accordingly.

16. It is unwise to sever diplomatic relations with a neighbouring country over small matters,

A) EngageB) EstrangeC) Cut offD) Twist

17. Bad tendencies are to be <u>Countered</u> by good ones until all that is evil disappears.

- A) Opposed B) Balanced
- C) Reduced
- D) Bypassed

D) Rapidly

18. The police fired Indiscriminately at the crowd, killing many innocent women and children.

- A) Continuously
- C) Foolishly

- B) Without distinguishing
- 19. Businessmen who lack <u>acumen</u> cannot be expected to be very successful.
 - A) Fairness

C) Boldness

B) SharpnessD) Rightcousness

- 20. His <u>candid</u> Opinions have won him many friends.
 - A) Kind
 - C) Generous

B) Courteous

D) Frank

SENTENCE IMPROVEMENT

Directions for the following 10 items:

In this section, look at the underlined part of each sentence. Below each sentence are given three Possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined Part, indicate your response on the Answer sheet against the corresponding letter (a),(b) or (c). If none of The substitutions improves the sentence, indicate (d) as your response on the Answer sheet. Thus a 'No Improvement' response will be signified byt the letter (d).

21. I disliked him not so much for his meanness <u>but for his dishonesty</u>.

- A) As for B) But because
- C) But due to D) No improvement

22. He preferred death rather than impr	risonment.
A) For	B) To
C) Than	D) No improvement
23. They kept the idea Secretly.	
A) Secretive	B) Secret
C) Secretively	D) No improvement
24. He ought not to tell me your secret,	, but he did.
A) Telling	B) Have told
C) Having told	D) No improvement
25. If I don't know the meaning of a wo	ord. I Look it after in the dictionary.
A) Look it out	B) Look it for
C) Look it up	D) No improvement
· •	
26. Mr. and Mrs. Rao stay in their home	<u>e</u> every evening.
A) At home	B) Inside home
C) Within their home	D) No improvement
27. When we saw him last, he <u>ran</u> to ca	
A) Has run	B) Had run
C) Was running	D) No improvement.
28. She cut a sad figure in her first perf	formance on the stage.
A) Made a sorry figure 🖌 💙	B) Cut a sorry face
C) Cut a sorry figure	D) No improvement
29. Last evening I went to the optician	and bought spectacles.
A) A Spectacle	B) Two Spectacles
C) A pair of Spectacles	D) No improvement
30. I would like <u>to avail</u> a fifteen days'	holiday this summer.
A) To avail of	B) To avail myself of

SPOTTING ERRORS

Directions for the following five items:

Each item in this section has a sentence with three underlined parts labelled (a),(b) and (c). Read each Sentence to find out whether there is any error in any underlined part and indicate your response in the Answer sheet against the corresponding letter i.e.,(a) or (b) or (c). If you find no error, your response Should be indicated as (d).

- 31. <u>I can fly</u> <u>If I will be</u> <u>a bird</u> <u>No error.</u> a b c d
- 32. <u>As soon as the train arrived</u> the passengers entered the compartments. No error d
- 33. <u>Never I have</u> Seen such a town. <u>No error</u>. a b c d

34. <u>He goes to his office</u> <u>by bicycle</u> <u>everyday</u> <u>No error</u> a b c d

35. <u>Far from being appreciated</u>, <u>his conduct was discussed</u> <u>and sharply commented</u> <u>No error</u>. a b c d

COMPREHENSION

Directions for the followiung six items:

In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

Passage – 1

We had just passed Tenali, where I roused myself in order to hear the name of the station. As I was Falling asleep again, a violent jolt shot me into the arms of somebody in the seat opposite. The engine With one wheel broken was lying across the tracki and beside it was the luggage van, like wise, derailed. Groaning, Wheezing, gasping, sputtering in its death agony, the engine was like a fallen horse which, Snorting, trembling in every limb, its flanks heaving, its chest labouring, seems incapable of makin g the Smallest effort to struggle on ot its legs again.

36. The author had roused himself as he wanted to

A) Get offB) Meet someoneC) Know the name of the stationD) Keep hims

37. The engine stopped because.

- A) The driver had stopped it
- C) There was a halting place
- B) One of the wheels was broken

3

D) There was no fuel

- 38. The engine is compared to a fallen horse because.
 - A) It was groaning like a horse

B) It was lying across the track

- C) It could make no effort to stand upright D) It had a broken wheel

Passage - 2

I was beginning to tire a little now. I had been cutting steps continuously for two hours, and Tenzing,too, was moving very slowly. As I chipped steps around still another corner, I wondered rather dully just how long we could keep it up. Our original zest had now quite gone and it was turning more into a grim struggle. I then realised that the ridge ahead, instead of still Rongbuk glacier. Dooked upwards to see a narrow ridge running up to a snowy summit . A few more whacks of the ice-axe in the firm snow and we stood on top.

- 39. Which of the following is the most appropriate description of the area in which the narrator had been moving?
 - A) A steep rocky slope
 - C) A high peak covered with snow
- B) A peak with a flight of steps
- 40. 'I had been cutting steps continuously for two hours' suggests that.
 - A) The climber was unskilled in the art of making steps
 - B) He had to cut the steps out of snow before climbing up which was necessarily a slow process
 - C) The slowness was caused by the fact that as soon as he cut the steps they were again covered with snow.

D) A long ridge

- D) He had to work suspended from a ledge
- 41. 'It was turning more into a grim struggle' would mean.
 - A) That after the long exertion he was feeling so weak that any further climbing meant a hard struggle with the forces of nature.
 - B) That Tenzing was making the task more difficult.
 - C) That strong cold wind was pushing him down from above and that he had to struggle with the forces of nature.
 - D) That he was in a mood to give up ultimately.

ORDERING OF WORDS IN A SENTENCE

Directions for the following nine items:

Each of the following items in this section consists of a sentence the parts of which have been jumbled. These parts have been labelled P,Q,R and S.Given below each sentence are four sequences namely (a),(b),(C) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your

response accordingly.

Ρ

42. Farm workers spend outdoors most of their time

R

Q

S

Page 6

The groups converse should be	
The proper sequence should be	
A) PQRS	B) P R Q S
C) P Q S R	D) R P Q S
43. <u>He</u> Shuffled the papers in a drawer	together
P O R	S
The proper sequence should be	3
A) PQSR	B) P Q R S
C) P S Q R	D) R S P Q
44. <u>Do you think will this soap</u> Shrink w	vollen clothes
P Q R	S S
The proper squence should be	5
A) PQRS	B) P R Q S
$\begin{array}{c} A \\ C \\ Q \\ R \\ P \\ S \end{array}$	
C) Q K P S	D) Q P R S
45 We advised the bijectors to surrande	r to the police there solves
45. <u>We advised</u> the hijackers to surrende	
-	RS
The proper sequence should be	
A) PQRS	B) P R Q Ś
C) P Q S R	D) R P Q S
46. <u>Sports cars</u> <u>appeal</u> to some motorists	
P Q R	S
The proper sequence should be	
A) R Q S P	B) P S Q R
C) R S P Q	D) P Q S R
47. <u>He</u> <u>almost</u> <u>planned the entire strategy</u>	
P Q R	S
The proper sequence should be	
A) R S P Q	B) P R Q S
C) S Q R P	D) Q P S R
$\mathbf{x} \mathbf{y}$	
48. <u>She has more intelligence</u> than we s	
P Q R	S
The proper sequence should be	
A) P Q S R	B) P R Q S
C) P S Q R	D) P Q R S
ΔΡΜΥ ΝΛΙ	Y , AIRFORCE , POLICE Page 7
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	$\frac{1}{1} \frac{1}{1} \frac{1}$

P Q	R	S
The proper sequence should be	e	
A) PQRS		B) P Q S R
C) R P Q S		D) P R Q S
50. When I was a student I learnt	swimming	at the age of 15 of class X in a government school
Р	Q	R S
The proper sequence should be	e	
A) PQRS		B) P R Q S
C) Q P R S		D) Q S P R
	• 1	PART - B
_	evices chang	ges low voltage alternating current to high voltage alternat
current and vice versa?		B) Motor
A) Generator		
C) Transformer		D) Vibrator
52 An optical illusion which occur	ire mainly ir	n deserts during hot summer is based on the principle of
A) Reflection	iis manny n	B) Interference
C) Dispersion		D) Total internal reflection
<i>c)</i> <u>2</u> <i>c p c c c c c c c c c c</i>	1	
53. At which place Earth's magne	tic field bec	omes horizontal?
A) Magnetic meridian		B) Magnetic equator
C) Geographical pole	∧ ^y	D) Tropic of cancer.
*	Y	
-	n a straight	road is listed below at successive intervals of I s:
Time (s) $0 1$	2 3	4
Speed(m/s) 0 2 4	4 6	8
Which of the following is/are	correct?	
The car travels		
1. With a uniform acceleration	on of $2m/s^{2}$.	
2. 16 m in 4 s.		
3. With an average speed of 4	4m/s.	
	g the code g	
Select the correct answer using		\mathbf{D}
Select the correct answer using A) 1,2 and 3 C) 1 and 2 only		B) 2 and 3 only D) 1 only

	VY, AIRFORCE, POLICE
C) FSSAI	D) FAO
A) FDA	B) WHO
64. Which one of the following agencies of	enforces the laws on food security in India?
C) Angomonae	D) Naegleria
A) Histomonas	B) Trypansoma
63. Sleeping sickness is a parasitic diseas	e of humans and other animals It is caused by.
	D) Grycogen
C) Cholesterol	D) Glycogen
62. Cell wall of any fungus is different from A) Cellulose	B) Chitin
62 Coll well of any function different fro	m plants in having
C) Non- Crystalline amophous solid	D) Crystalline solid
A) Liquid	B) Colloid
61. Glass is a	
C) Nucleus	D) Helium
A) Electron	B) Proton
	experiment was responsible for the discovery of
C) Potassium	D) Cesium
A) Lithium	B) Sodium
59. Which one of the following elements	is least reactive with water?
· -	
C) Sulphuric acid	D) Hydrochloric acid
A) Acetic acid	B) Methanoic acid
58. Stung by hairs of nettle leaves causes	burning pain. This is due to the injection of
e, emonues	
C) Chlorides	D) Sulphates
A) Hydrogencarbonates	B) Carbonates
57 Temporary hardness in water is due to	which one of the following of calcium and Magnesium?
C) 2 only	D) 3 only
A) 1,2 and 3	B) 2 and 3 only
Select the correct answer using the co	
1. Diamond 2. Graphite	3. Fullerenes
56. Molecules of which of the following h	
C) 300m/s	D) about 10 m/s
A) Supersonic	B) Subsonic

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65. Dengue virus causes high	fever, rashes and reduces the number of a particular type of blood cells. Those
blood cells are	
A) Monocytes	B) Platelets
C) Eosinophils	D) Neutophils
66 Vidnou gooratag on angur	a which changes plasma protein angiotensing can into angiotensin. The
• •	e, which changes plasma protein angiotensinogen into angiotensin. The
enzyme is A) Renin	P) Nitrogenese
C) Hydrolase	B) Nitrogenase D) Mono-oxygenase
C) Hydrolase	D) Wollo-oxygenase
67. Red blood cells (RBCs) h	ave
A) No nucleus, no mitoch	ondria and no endoplasmic reticulum.
B) Nucleus, mitochondria	and endo-plasmic reticulum.
C) Nucleus, mitochondria	u but no endo-plasmic reticulum.
D) No mitochondria but e	ndoplasmic reticulum is present.
68. According to the Census 2	2011, the density of population in which one among the following states is the
lowest?	
A) Sikkim	B) Nagaland
C) Manipur	D) Mizoram
69. Headquarters of the world	Meteorological organization is located in.
A) Washington	B) Geneva
C) Moscow	D) London
	nd select the correct answer using the code given below the Lists:
List I	
(Industry)	(Place)
a) Petrochemical	1. Coimbatore
b) Aircraft	2. Pinjore
c) Machine tools	3. Bengaluru
d) Cotton textiles	4. Bongaigaon
Code:	
	A
A) 4 3 2	d 1
	1
(A B) A 2 2	1
B) 4 2 3 C) 1 2 3	Δ
B) 4 2 3 C) 1 2 3 D) 1 3 2	4 4

2. Rolling fields having good	te with a spell of dry weather during the ripening period. drainage.
3. Strong sunshine over hilly s	lopes exceeding temperature 35°C
4. Karnataka is the leading pro	oducer in India.
Which of the statements given a	above are correct?
A) 1 and 4 only	B) 1,2 and 3
C) 3 and 4	D) 1,2 and 4
72. Dr.Urjit patel, who has been ap	pointed recently as Governor of Reserve Bank of India, was holding
which position immediately pri-	or to this appointment?
A) Chief Economist, IMF	C
B) Deputy Governor, Reserve	Bank of India.
C) Chief Economic Advisor to	the Government of India.
D) Professor of Economics at I	Harvard University.
73. Who among the following perso	onalities is NOT a Governor of any Indian State?
 A) Najma Heptulla 	B) Ram Nath kovind
B) Acharya Dev Vrat	D) Arvind Subramaniam
	teams was defeated by India to lift the women's Twenty to 20 Asia cup
2016?	
A) Bangladesh	B) Sri lanka
C) Pakistan	D) Afghanistan
75 Which are of the fallowing way	the name of 2 nd DDLCS wouth any mit of the ministers officials and
-	s the venue of 2 nd BRICS youth summit of the ministers, officials and
youth Delegations? A) New Delhi	D) Mumbei
C) Shillong	B) Mumbai D) Guwahati
	D) Guwanati
76 Which one among the following	g states of India has recently proposed to frame the first Internal Secutiry
	of terrorism, insurgency, communalism and caste violence?
A) Maharashtra	B) Gujarat
C) Uttar Pradesh	D) Chhattisgarh.
77. The world Humanitrarian Day i	s being observed every year on which date?
A) 24 october	B) 19 August
C) 10 December	D) 8 March
·, · · · · · · · · · · · · · · · · · ·	/

- 78. Surge pricing takes place when a service provider.
 - A) Raises the price of its product or service as demand outstrips supply.
 - B) Follows preset prices immune to demand and supply dynamics.
 - C) Fixes a minimum price for its services
 - D) Fixes an average price on the basis of transactions carried over a day.

79. By fulfilling which of the following conditions can a political party claim the status of a national party?

- 1. It secures at least six per cent (6%) of the valid votes polled in any four or more states, at a general election to the House of the people or, to the state Legislative Assembly.
- 2. It wins at least four seats in the House of the people from any state or states or wins at least two percent (2%)seats in the House of the people(i.e.,11 seats in the existing House having 543 members), and these members are elected from at least three different states.
- 3. The party in question has got recognition as a state party in at least two states.
- 4. It must have its headquarters in NewDelhi.

Select the correct answer using the code given below:

- A) 1,2 and 3
- C) 1 and 2 only

B) 2 and 4D) 1,3 and 4

- 80. In its emphasis on enhancing human capabilities, which one among the following does NOT figure in the Twelfth Five year plan?
 - A) Life and longevity
 - C) Delivery of public service

B) EducationD) Skill development

- 81. Which one of the following is NOT a target of the 12th Five-year plan?
 - A) Real GDP Growth Rate of 8 per cent
 - B) Agriculture Growth Rate of 5 percent
 - C) Manufacturing Growth Rate of 10 per cent.
 - D) Increase in Green cover by 1 million hectare every year during the plan period.
- 82. Which one of the following statements is NOT correct?
 - A) In the conduction mode of transference of heat, the molecules of solid pass heat from one molecule to another without moving from their positions.
 - B) The amount of heat required to raise the temperature of a substance is called its specific heat capacity.
 - C) The process of heat transfer in liquids and gases is through convection mode.
 - D) The process of heat transfer from a body at higher temperature to abody at lower temperature without heating the space between them is known as radiation.

- 83. The amount of heat required to change a liquid to gaseous state without any change in temperature is known as
 - A) Specific heat capacity.
 - C) Latent heat of vaporization
- B) Mechanical equivalent of heat
- D) quenching.

84. The following figure shows displacement versus time curve for a particle executing simple harmonic motion:

Which one of the following statements is correct?

- A) Phase of the oscillating particle is same at t = 1 s and t = 3s
- B) Phase of the oscillating particle is same at t=2 s and t=8s
- C) Phase of the oscillating particle is same at t=3s and t=7s
- D) Phase of the oscillating particle is same at t = 4s and t = 10s

85. Match List I with List II and select the correct answer using the code given below the Lists:

					e
Lis	t I				List II
(Di	sease)				(Remedy)
a)	Hypern	netropia			1. Concave lens
b)	Presbyo	opia			2. Bifocal lens
c)	Myopia	ı			3. Surgery
d)	Catarac	et			4. Convex lens
Co	des:				
	a	b	с	d	
A)	4	2	1	3	
B)	4	1	2	3	
C)	3	1	2	4	
D)	3	2	1	4	7

86. A circular coil of single turn has a resistance of 20Ω . Which one of the following is the correct value for the resistance between the ends of any diameter of the coil?

Α) 5 Ω	B) 10 Ω
C) 20 Ω	D) 40 Ω

87. In a solenoid, the current flowing through the wire nis I and number of turns per unit length is n. This gives a magnetic field B inside the solenoid. If number of turn per unit length is increased to 2n, what will be the value of magnetic field in the solenoid?A) B B) 2B

Y '	· · · · · ·
C) B/2	D) B/4

B) Mass number of aC) Total number ofD) Total number of	an atom neutrons in an atoms electrons in the outer	most shell of an atom.
 B) Mass number of a C) Total number of D) Total number of Match List I with Li List I 	an atom neutrons in an atoms electrons in the outer st II and select the co List II	most shell of an atom.
 B) Mass number of a C) Total number of D) Total number of A Match List I with Li 	an atom neutrons in an atoms electrons in the outer st II and select the co	most shell of an atom.
B) Mass number of aC) Total number of	an atom neutrons in an atoms	
B) Mass number of aC) Total number of	an atom neutrons in an atoms	
B) Mass number of a	an atom	
A) Total number of		
-		r the
		J.
C) 10%		D) 15%
A) 5%		B) 9%
solution?		
. 20g of common salt	is dissolved in 180 g	of water. What is the mass percentage of the salt in the
C) Znic		D) Silver
·		B) Iron D) Silver
	lowing elements cor	
C) Chlorine		D) Carbon
A) Oxygen		B) Hydrogen
. Which one of the fol	lowing elements for	ms highest number of compounds?
C) By distillation		D) By Condensation
•		B) By evaporationD) By Condensation
•	ture contains two liq	
D) Magnification de	creases with the incr	rease in focal length of eyepiece.
C) Magnification do	bes not depend upon	the focal length of eyepiece.
-		
A) Magnification in	creases with the incr	ease in focal length of eyepiece.
	 A) Magnification ind B) Magnification ind C) Magnification do D) Magnification de D) Magnification de A homogeneous mix A) By filtration C) By distillation Which one of the fold A) Oxygen C) Chlorine Which one of the fold A) Aluminium C) Zinc 20g of common salt solution? A) 5% C) 10% The Valency of an elements 	 C) By distillation Which one of the following elements form A) Oxygen C) Chlorine Which one of the following elements cort A) Aluminium C) Zinc 20g of common salt is dissolved in 180 g solution? A) 5%

C)	4	2	1	3	
D)	4	1	2	3	
95. Colo	urs visi	on in hu	man ev	ves is the fur	nction of photoreceptor cells named.
A) F			•	,	B) Cones
· · · · ·	lind spc	ot			D) Fovea
,	1				
96. Whic	ch one c	of the fol	llowing	g statements	is NOT correct?
A) A	All prote	eins are o	enzym	es	B) Mostly enzymes are proteins
C) <i>A</i>	All fats a	are energ	gy rich	compounds	D) Glucose is a common carbohydrate.
97. Suga	ircane is	s one of	the imp	portant cash	crops in India. It is grown to obtain.
A) S	starch				B) Glucose
C) F	ructose				D) Sucrose
98. The	colourfi	al part of	f the su	inflower or l	Marigold plant is.
A) F	Flower				B) Inflorescence
C) F	ruit				D) Seed
		with Lis			correct answer using the code given below the Lists:
List			List		
(Min				ding State)	
	Aangane			ttarakhand	
	Jypsum			arnataka	
,	Limestor			ajassthan diaha	
d) N Code	Aagnesi	le	4. Q	disha	
Cout		h		d	
A)	a 1	b 2		d 4	
A) B)	1	2	3	4	
Б) С)	1	$\frac{2}{2}$	3	4	
C) D)		3	2	1	
D)		, ,	2	1	
100 Whi	rh one a	mong th	he follo	wing is the	correct order of tiger reserves situated from North to south in
India		intong ti		wing is the	contect of der of tiger reserves situated from North to south in
		- Simlin	al – Sa	riska – Peri	var
		-		nlipal – Cort	
	-			nplipal – Per	
				riska – Corb	

D) Periyar – Simlipal – Sariska – Corbett.

101 Which of the following an compet with record to Indian Managonal Dainfall?								
101. Which of the following are correct with regard to Indian Monsoonal Rainfall?1. Largely Governed by the topographical features.								
 Largery Governed by the topographical features. Regional and seasonal variation in the distribution of rainfall. 								
 Kegional and seasonal variation in the Heavy downpour resulting in conside 								
4. Beginning and end of rain is regular and on time. Select the correct answer using the code given below:								
A) 1 and 2 only	B)1,2 and 3							
C) 3 and 4 only	D) 2,3 and 4							
C) 5 and 4 only	D) 2,5 and 4							
102. Match List I with List II and select the co	prrect answer using the code given below the Lists:							
List I	List II							
(Type of climate)	(State)							
a) Monsoon with short Dry Season (Am	w) 1. Uttar pradesh and Bihar							
b) Cold Humid winter with short summe	er 🗸 🗸							
(Dfc)	2. Tamil Nadu Coast							
c) Monsoon with Dry winter (Cwg)	3. Arunachal pradesh.							
d) Monsoon with Dry Summer (As)	4. Kerala and Karnataka Coast.							
Codes:								
a b c d								
A) 4 3 1 2								
B) 4 1 3 2								
C) 2 1 3 4								
D) $2 \ 3 \ 1 \ 4$								
	ivers does NOT originate from across the Himalayas?							
A) Indus	B) Satluj							
C) Ganga	D) Brahmaputra.							
~)'								
104. The Headquarters of Eastern Railway zon	-							
A) Bhubaneswar	B) Kolkata							
C) Hajipur	D) Guwahati							
105 Which one among the following countrie	s is the largest trading partner of India in external trade for the							
vear 2015 -2016?								
A) United states of America	B) United Kingdom							
C) United Arab Emirates	D) China.							
Y								
ARMY NAVY AIRFORCE POLICE Page 16								

106. The radii of curvature of the faces of a double convex lens are 10 cm and 20 cm. The refractive index of	
the glass is 1.5. What is the power of this lens (in units of dioptre)?	

A) +7.5D	B) -7.5D
C) +2.5D	D) +5.0D

107. The time period of a simple pendulum made using a thin copper wire of length L is T. Suppose the temperature of the room in which this simple pendulum is placed increases by 30°C, What will be the effect on the time period of the pendulum?

- A) T will increase slightly B) T will remain the same
- C) T will decrease slightly D) T will become more than 2 times.

108. Which one of the following physical quantity has the same unit as that of pressure?

- A) Angular momentum B) Stress
- C) Strain D) Work.

109. Which one of the following statements is correct with regard to the material of electrical insulators?

- A) They contain no electrons.
- B) Electrons do not flow easily through them
- C) They are crystals
- D) They have more number of electrons than the protons on their surface.

110. Which one of the following physical quantities does NOT affect the resistance of a cylindrical resistor?

A) The current through it

B) Its length

- C) The resistivity of the material used in the resistor.
- D) The area of cross section of the cylinder.
- 111. Which one of the following statements regarding king krishnadevaraya is NOT correct?
 - A) He was a great scholar of Telugu and Sanskrit.
 - B) Foreign travellers paes and Nuniz visited his court.
 - C) Barbosa praised him for the great justice and equity prevailing in his empire.
 - D) He wrote his magnum opus Amuktamalyada in Sanskrit.

112. Match List I with List II and select the correct answer using the code given below the lists:

List I

List II

- (Amendment to the constitution of India) (Subject)
- a) 52nd Amendment Act,1985
- b) 73rd Amendment Act, 1992
- c) 61st Amendment Act, 1988
- d) 86th Amendment Act, 2006
- 1. Reduction of voting age from 21 to 18.
- 2. Right to Education.
- 3. Panchayati Raj
- 4. Disqualification on grounds of defection.

Code:

	a	b	с	d
A)	4	1	3	2
B)	4	3	1	2
C)	2	3	1	4
D)	2	1	3	4

- 113. Which one of the following was NOT a cause of the Revolt of 1857?
 - A) The rumour that the British had mixed the bone dust of cows and pigs into the flour being sold in the market.
 - B) The prophecy that British rule would come to an end on the centenary of the Battle of plassey on 23rd June, 1857.
 - C) Popular discontent with British rule.
 - D) The prophecy that the end of British rule would lead to the end of the Kali yuga and the return of Ram Rajya.
- 114. Which one of the following was NOT a feature of the subsidiary Alliance of Lord Wellesley?
 - A) The British were responsible for protecting the ally from any external threats.
 - B) All internal threats were to be handled by the ally alone, with no help from the British.
 - C) The ally was to provide resources for maintaining a British armed contingent stationed in its territory.
 - D) The ally could not enter into any agreement with other rulers without the permission of the British.
- 115. Match List I with List II and select the correct answer using the code given below the Lists:
 - List I
 - (Place) (Mineral)

List II

- a) Lakwa 1. Copper
- 2. Petroleum b) Malanjkhand
- 3. Zinc c) Kalakot
- d) Zawar 4. Coal

	a	۳D	С	a
A)	3	4	1	2
A) B) C)	3	1	4	2
C)	2	1	4	3
D)	2	4	1	3

116. Which of the following are the major cora						
1. Gulf of Kachchh 2. Gulf of Mannar	3. Lakshadweep	4. Andaman and Nicobar Islands.				
Select the correct answer using the code g		1				
A) 1 and 3 only () 1.2 and 3 only	B) 2 and 4 only D 1 2 2 and 4					
C) 1,2 and 3 only	D) 1,2,3 and 4					
 117. Which of the following regions is/are NO 1. Mumbai - Pune region 2. Madurai - Coimbatore region 3. Dhanbad - Jamshedpur region 4. Indore - Ujjain region. Select the correct answer using the code g A) 1 and 3 C) 1,2 and 4 118. Which one of the following states does NO A) Jharkhand C) Odisha 	iven below: B) 2 and 3 D) 3 only	ACADE				
C) Odislia	D) Billar.					
119. Suppose a rod is given a negative charge b statements is correct in this case?A) The positive charges are transferred for B) The positive charges are transferred for C) The negative charges are transferred for D) The neg	om rod to wool. om wool to rod. com rod to wool. from wool to rod.					
120. Which one of the following is the correct	-	ency f and angular frequency ω ?				
A) $F = \pi \omega$	B) $\omega = 2\pi f$					
C) $f = 2\omega/\pi$	D) f= $2\pi\omega$					
121. A kelvin thermometer and a fahrenheit the What would be the corresponding reading A) 574C) 273	•	•				
122. If the potential difference applied to an x-	ray tube is doubled wh	ile keeping the separation between the				
filament and the target as same, what will	•	1 0 1				
A) Will remain same	B) Will be doubled	-				
C) Will be halved	<i>'</i>	es of the original wavelength.				
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ARMY , NAVY , <u>www.Muppadaitrainingaca</u>		_				

123. Which one of the following statements is true for the relation $F = \frac{Gm_1m_2}{r^2} = ?$

(All symbols have their usual meanings)

- A) The quantity G depends on the local value of g, acceleration due to gravity.
- B) The quantity G is greatest at the surface of the Earth.
- C) The quantity G is used only when earth is one of the two masses.
- D) The quantity G is a universal constant.

ACADEMA 124. Why is it difficult to measure the coefficient of expansion of a liquid than solid?

- A) Liquids tend to evaporate at all temperatures.
- B) Liquids conduct more heat.
- C) Liquids expand too much when heated
- D) Their containers also expand when heated.

125. Radon is

- A) An inert gas
- C) An explosive

B) An artificial fibre D) A metal

126. The chemical name of baking soda is

- A) Na_2CO_3
- C) CaCO₃

127. Which one of the following elements is used in pencil - lead?

- A) Zinc
- C) Carbon (Graphite)

B) Lead D) Tin

B) NaHCO

D) NaOH

128. Who among the following is one of the authors of the book "Philosophy of the Bomb"?

A) Bhagat singh C) Surya sen

B) Jawaharlal Nehru D) Yashpal

- 129. Which of the following statements about the chittagong group is NOT correct?
 - A) Its membership included a large number of youth including Ganesh Ghosh, Lokenath Baul and Anant Singh.

B) Its Leader surva Sen had been a lawyer in Dhaka before joining the group.

- C) Surva Sen and his group were closely associated with congress work in chittagong.
- D) This group had prepared an action plan to occupy the armouries in chittagong.

130. Which one of the following was a significant feature of the Quit India Movement?

- A) Women did not play an important role in the movement.
- B) Nasik in Maharashtra was an important regional base during the movement.
- C) It was marked by anti-zamindar violence.

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D) It was marke	ed by the emergen	ce of parallel governm	ents in different parts of	India
D It was marke	eu by the emergen	le of parallel governit	lents in unrerent parts of	muia.

- 131. Which one of the following characteristics does NOT describe the Khilafat movement?
 - A) Mahatma Gandhi sought to link it to the Non- Cooperation movement.
 - B) It was not supported by the congress.
 - C) It demanded that the Turkish Sultan must retain control over Muslim sacred spaces in the erstwhile Ottoman empire.
 - D) It was led by muhammad Ali and Shaukat Ali.

132. Which one of the following was NOT a feature of railways in colonial India?

- A) The main purpose of the setting up of railways in India was to serve the interest of the empire.
- B) British capital investments were invited with 15% guaranteed interest to be paid if necessary from Indian revenues.
- C) The construction work disturbed ecology.
- D) The construction of the railways was planned in such a way that it connected the internal markets with the ports, but provided no inter connection between internal market cities.
- 133. Which colonical administrator made the following declaration about the partition of Bengal in 1904? " Bengal united is a power. Bengal divided will pull in different ways. That is perfectly true and one of the merits of the scheme".
 - A) Lord Curzon
 - C) Lord minto

B) H.H. Risley D) Sir Lancelot Hare

134. Who launched the Bardoli satyagraha on 4th February, 1928?

A) Mahatma GandhiC) Rajendra prasad

- B) Vallabhbhai patelD) Kalyanji mehta
- 135. Which one of the following Princely states did NOT support the Congress during the course of the Civil
 - Disobedience Movement?

A) Bhavnagar	B) Mysore
C) Junagadh	D) Kathiawar.

136. Which one of the following is a feature of thought and philosophy of the kandukuri viresalingam?A) He believed that science and morality were unconnected to truth.

B) He believed in universal education.

C) He believed that lanugage had no role in inclucating morality in students.

D) He did not attempt to build a national consciousness on a cultural base.

A) Abul fazl					B) Tansen
C) M	luhamma	ad Husa	ayn		D) Muhammad Kasim
138. Whic	ch one of	the fo	llowing	g sections	s of the Golden Quadrilateral Highway in India is the longest in
term	s of route	e distan	nce?		
A) I	Delhi	-	Kolk	kata	
B) k	Kolkata	-	Cher	nnai	
C) (Chennai	-	Mun	nbai	$\mathbf{O}^{\mathbf{Y}}$
D) N	/lumbai	-	Dell	ni	
139. Mate	the Lis			I and sele	ect the correct answer using the codes given below the Lists:
		List I			List II
	sificatio				(Example)
,	Basic ine				1. Hydel power
				wable res	
<i>,</i>				ewable re	
		nventio	nal no	n – renew	vable resource 4. Natural gas.
Code	: :				
	а	b	c	d	
A)	3	2	1	4	\sim
B)	3	1	2	4	
C)	4	1	2	3	o
D)	4	2	1	3	
140 Mate	h I ist I	with I i	st II an	d select t	the correct answer using the code given below the Lists:
List			List		the correct answer asing the code given below the Lists.
	eral dep	nsit)	(Stat		
	Bypsum	55R)		disha	
	Graphite			ujarat	
	luorspar			runachal	nradesh
	Vickel	Y.		ajasthan.	
Code			т. К	ajastnan.	
Cou		b	C	d	
(A)	а 1	3	с 2	u 4	
B)	1	2	23	4	
Б) С)	4	2 3	3 2		
- ()	4	5 2	2 3	1	

141. Which one of the following pairs of Tribe and state is NOT correctly matched?

- A) Tharu : Madhya pradesh
- B) Adi : Arunachal pradesh
- C) Irula : Kerala
- D) Shaharia : Rajasthan.

142. If the abolute refractive indices of glass and water 3/2 and 4/3 respectively, What will be the ratio of velocity of light in glass and water?

A) 3:4	B) 4:3
C) 8:7	D) 8:9

143. A positive charge +q is placed at the centre of a hollow metallic sphere of inner radius a and outer radius b. The electric field at a distance r from the centre is denoted by E. In this regard, which one of the following statements is correct?

B) E = 0 for r < a

D) $E = q/4\pi\varepsilon_0 a$ for r

A) E = 0 for a < r < b

C) E= q/4 $\pi \varepsilon_0 r$ for a < r < b

144. Consider the following Indian states:

- 1. Bihar2. Rajasthan3.Jammu and Kashmir 4.HaryanaWhich one of the following is the correct ascending order of the above states on the basis of percentage
- of state's population to total population of India (based on census 2011)?
- A) 3 4 1 2
- B) 4 2 1 3
- C) 3 4 2 1
- D) 2 3 4 1

145. Who among the following was the author of the Badshah Nama?

- A) Abdul Hamid Lahori B) Abul Fazl
- C) Shah Jahan

D) Sadullah khan

146. Which one of the following statements about Fatehpur sikri is NOT correct?

- A) It was located on the direct road to Ajmer.
- B) Akbar commissioned the building of a marble tomb for shcikh salim chisti next to the Friday mosque at Fatehpur sikri.

C) The arched gateway or Bulund Darwaza was meant to remind visitors of the mughal victory in Gujarat.

D) In 1585, the capital of the Mughal emperor shifted from fatehpur sikri to Delhi.

147. Which one of the following cities hosted the 3rd world Trauma congress recently?

- A) New Delhi B) Dacca
- C) Singapore

148. Which one of t he following is NOT one of the objectives of Act East policy?

A) Topromote economic cooperation, cultural ties and develop strategic relationship with countries in the Asia paoifio region.

D) Bangkok

B) To promote peace and amity with the neighbouring countries of Asia.

C) To place emphasis on India ASEAN cooperation in India's domestic agenda.

- D) To provide enhanced connectivity to the North East of India.
- 149. Arrange the following countries in ascending order on the basis of the total medals earned by them in Rio Olympic 2016:

1.	United states	2. China	3. Great Britain 4. Russia
Se	lect the correct ans	wer using the	e code given below:

 A) 1
 2
 3
 4

 B) 1
 3
 2
 4

 C) 4
 3
 2
 1

 D) 4
 3
 1
 2

150. Which one of the following is NOT an objective of the National Civil Aviation policy 2016?

- A) Establish an integrated eco-system which will lead to significant growth of civil aviation sector.
- B) To promote tourism, increase employment and lead to a balanced regional growth.
- C) Ensure safety, Security and sustainability of all sectors through the use of technology.
- D) Enhance regional connectivity through fiscal support and infrastructure development.