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Maximum: 100 marks

Time: 1 hour and 30 minutes

[P.T.O.]

1.	Who among the following was awarded Nobbehaviour studies?				as awarded Nob	oel Prize i	Prize in 1973 for his contributions to animal		
		(A)	Tinbergen			(B)	Karl Von Frisch		
		(C)	Konrad Lor	enz		(D)	E.O. Wilson		
2.	Match List I with List II and select the corr			select the corre	ct code us:	ing the code given below the lists :			
]	List I		List II				
	(a)	Coe	loblastula	1.	Insects				
	(b)	Ster	reoblastula	2.	Branchiostoma	a			
	(c)	Peri	blastula	3.	Birds				
	(d)	Disc	coblastula	4.	Annelids				
		(A)	(a)-1, (b)-3,	(c)-2,	(d)-4	(B)	(a)-4, (b)-3, (c)-1, (d)-2		
		(C)	(a)-2, (b)-4,	(c)-1,	(d)-3	(D)	(a)-3, (b)-4, (c)-2, (d)-1		
3.	Crossing over occur in which of the following sta				of the following	stages of	Meiosis–I?		
		(A)	Leptone			(B)	Pachytene		
		(C)	Zygotene			(D)	Diplotene		
4.	Con	sider	the statemen	ts give	en below :				
	(1)	Two	species with	identi	cal niches canno	ot coexist.			
	(2)	The	concept was	put for	rwarded by Geor	rgii Gause	in 1934.		
	Whi	ch of	the above sta	temen	t about competi	tion exclus	sion principle is/are correct?		
		(A)	(1) only			(B)	(2) only		
		(C)	Both (1) and	d (2)		(D)	Neither (1) nor (2)		
A					3				

5 .	The	vitan	nin required for blood coag	rulation is :					
		(A)	Vitamin A	(B)	Vitamin D				
		(C)	Vitamin E	(D)	Vitamin K				
6.	Con	sider	the following statements a	about CRISPR tech	nology:				
	(1)	CRI	SPR in the acronym for C	lustered Random Ir	nterspaced Short Palindromic Repeats				
	(2)	It is	a gene-editing system.						
	Whi	ch of	the above statement is/are	e correct?					
		(A)	(1) only	(B)	(2) only				
		(C)	both (1) and (2)	(D)	neither (1) nor (2)				
7.	_	_	of organisms that cons		lividuals capable of interbreeding or				
		(A)	Race	(B)	Deme				
		(C)	Cline	(D)	Species				
8.	Consider the following statements about C-value paradox :								
	(1)	The amount of DNA in a haploid genome (1 C value) corresponds strongly to the complexity of an organism.							
	(2)	C value can be extremely variable across species.							
	Whi	nich of the above statement is/are correct?							
		(A)	(1) is correct only	(B)	(2) only				
		(C)	both (1) and (2)	(D)	neither (1) nor (2)				
9.	Con	Consider the following:							
	(1)	Fun	narate						
	(2)								
	(3)	Suc	cinate						
	Wha	at is tl	he correct sequence of the	above metabolites	in citric acid cycle?				
		(A)	(2) - (1) - (3)	(B)	(3) - (1) - (2)				
		(C)	(2) - (3) - (1)	(D)	(1) - (2) - (3)				

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		(C)	Eastern Himalayas	(D)	Indo-Burma region	
		(A)	Gulf of Kutch	(B)	Sundaland	
15.	Whic	eh of t	the following is not a biodiversity	hot spot be	longing to India?	
		(C)	Punctuated equilibrium	(D)	Co-evolution	
		(A)	Micro evolution	(B)	Macro evolution	
14.	Indu		melanism is an example for :			
		(C)	Edward Syndrome	(D)	Klinefeltor Syndrome	
		(A)	Down Syndrome	(B)	Turner Syndrome	
13.	A genetic condition in which a male human being is born with an extra copy of X-chromosome is:					
		(C)	Hydrogen Sulphide	(D)	Carbon Monoxide	
		(A)	GABA	(B)	Nitric Oxide	
12.	Whic	ch of t	the following is not a gaseous nev	urotransmitt	ter?	
		(C)	(3) - (2) - (1) - (5) - (4)	(D)	(4) - (3) - (2) - (1) - (5)	
		(A)	(2) - (1) - (3) - (4) - (5)	(B)	(3) - (1) - (2) - (5) - (4)	
	Whic	h is t	the correct order of hierarchy dov	vn to the spe	ecies level?	
	(5)	Fam	ily			
	(4)	Gen	us			
	(3)	Phy	lum			
	(2)	Orde	er			
	(1)	Clas	\mathbf{s}			
11.	Cons	ider 1	the following :			
		(D)	Glutamic acid for valine at $5^{ m th}$ $ m g}$	position in be	eta-chain	
		(C)	Valine for glutamic acid at $5^{ m th}$ p	osition in be	eta-chain	
		(B)	Valine for glutamic acid at 6 th p	position in be	eta-chain	

Sickle cell anaemia is due to the substitution of

(A) Glutamic acid for valine at 6^{th} position in beta-chain

16.	Consider the statements about spiral cleavage:								
	(1)	The	resulting blastomeres are loca	ated exactly on	top of each other.				
	(2)	Cleavage occurs in Annelids, Molluscs and Platyhelminths.							
	Which of the statement is/are correct?								
		(A)	(1) only	(B)	(2) only				
		(C)	both (1) and (2)	(D)	neither (1) nor (2)				
17.	During translation in prokaryotes, the initial aminoaryl-tRNA enters the ribosome through:								
		(A)	A site	(B)	P site				
		(C)	E site	(D)	None of the above				
18.	During a heart attack, the level of which of the following increases in blood?								
		(A)	Calcium	(B)	Calmodulin				
		(C)	Troponin	(D)	Tropomyosin				
19.	Thermoregulatory centre in mammals is located in:								
		(A)	Pons Varolii	(B)	Floccular lobes				
		(C)	Hypothalamus	(D)	Corpus callosum				
20.	Consider the following statements about PCR:								
	(1)	PCF	employs a thermophilic DNA	polymerase su	ich as Taq Polymerase.				
	(2)	It ca	tuses the denaturation of the e	enzyme during	the heating step.				
	Whi	ch ste	p of the above statement is/ar	e correct?					
		(A)	(1) only	(B)	(2) only				
		(C)	both (1) and (2)	(D)	neither (1) nor (2)				
21.	ELI	SA tes	sting is used to diagnose which	h of the followin	ng?				
		(A)	HIV infection	(B)	Pregnancy				
		(C)	Blood typing	(D)	All of the above				

		(A)	A–DNA		(B)	B–DNA	
		(C)	Z–DNA		(D)	Triplex DNA	
23.	Match List I with List II and select the correct code using the code given belo					ing the code given below the	lists:
		List	I		List II		
	(a)	IgG	1.	Predominant in bo	ody secretion	ıs	
	(b)	IgM	2.	Defence against p	arasite infec	tions	
	(c)	IgA	3.	Membrane bound	antibody		
	(d)	IgE	4.	Crosses the placer	nta		
		(A)	(a)-3, (b)-4,	(c)-1, (d)-2	(B)	(a)-2, (b)-3, (c)-4, (d)-1	
		(C)	(a)-4, (b)-1,	(c)-2, (d)-3	(D)	(a)-4, (b)-3, (c)-1, (d)-2	
24.	Ery	thropo	oeitin is synth	esized in the :			
		(A)	Intestine		(B)	Kidneys	
		(C)	Bonemarrov	V	(D)	Liver	
25.	Whi	Which one of the following compounds is an inhibitor of Na+–K+ pump?					
		(A)	Phlorizin		(B)	Ouabain	
		(C)	Dicumarol		(D)	Arsenol	
26.	Con	Consider the following statements:					
	(1)	Neu	trophils are t	he least predomina	nt granulocy	te in blood.	
	(2)	The	number of nu	clear lobes in neut	rophils is 2.		
	Whi	ich of t	the above stat	cement is/are correc	et?		
		(A)	(1) only		(B)	(2) only	
		(C)	(1) and (2) b	oth	(D)	neither (1) nor (2)	
27.	SDS	S-PAG	E is an electr	ophoresis method t	hat allows th	ne separation of :	
		(A)	DNA		(B)	RNA	
		(C)	Proteins		(D)	None of the above	
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22. Which is the most common form of DNA?

28.	Which of the following component is absent in the cell walls of Gram negative bacteria?								
		(A)	N-acetyl muramic	acid	(B)	N-acetyl glucosamine			
		(C)	Lipopolysaccharic	le	(D)	Teichoic acid			
29.	The	count	er stain used in Gr	am staining techniq	ue is :	:			
		(A)	Crystal violet		(B)	Safranin			
		(C)	Gram's iodine		(D)	Acetone			
30.	Mat	Match List I with List II and select the correct code using the code given below the lists :							
		I	ist I	List II					
	(a)	UAG	1.	ochre					
	(b)	UAA	2.	amber					
	(c)	UGA	A 3.	opal					
		(A)	(a)-2, (b)-1, (c)-3		(B)	(a)-1, (b)-2, (c)-3			
		(C)	(a)-3, (b)-1, (c)-2		(D)	(a)-2, (b)-3, (c)-1			
31.	Whi	ch am	ong the following is	s a non-essential am	ino ao	cid?			
		(A)	Histidine		(B)	Glycine			
		(C)	Lysine		(D)	Leucine			
32.	Whi	ch of t	the following is not	a secondary lympho	id org	gan?			
		(A)	Thymus		(B)	Lymph nodes			
		(C)	Spleen		(D)	Tonsils			
33.	An e	examp	le for secondary da	ta base is :					
		(A)	EMBL		(B)	TrEMBL			
		(C)	SWISS PROT		(D)	DDBJ			

34.	Consider the following statements:									
	(1)) Chemiosmotic theory explains how ATP is generated in the mitochondria.								
	(2)	The	synthesis of ATP is driven by an electron motive force.							
	Whi	Which of the above statement is/are correct?								
		(A)	(1) only	(B)	(2) only					
		(C)	both (1) and (2)	(D)	neither (1) nor (2)					
35.	The coenzyme present in aminotransferase is:									
		(A)	Coenzyme Q	(B)	FAD					
		(C)	NAD	(D)	Pyridoxal Phosphate					
36.	Which of the following is/are the characteristics of arbuscular mycorrhizal fungi:									
	(i)	The	ney belong to division glomeromycota							
	(ii)	The	ney help in the nutrient uptake by plants							
	(iii)	The	hey produce oospore							
	(iv)	The	ey form mutualistic association with plant root							
		(A)	Only (i) and (ii)	(B)	Only (i), (ii) and (iii)					
		(C)	Only (i), (ii) and (iv)	(D)	All the above					
37.			_	-	ametophyte with sex organs, which which contains spores are characteristic					
		(A)	Gymnosperms	(B)	Pteridophytes					
		(C)	Bryophytes	(D)	Angiosperms					
38.	DNA	DNA polymerase III enzyme lacks this activity in connection with DNA replication :								
		(A)								
		(B)	Discontinuous synthesis of the lagging template strand							
		(C)	Proof reading capabilities that	at corrects repl	ication mistakes					
		(D)	Exonuclease activity reading	$3' \rightarrow 5'$ and D	NA synthesizing $5' \rightarrow 3'$					

39.	Which of the following statement is/are NOT correct about mass selection:									
	(i)	Mass selection is the process in which the individuals are selected from mix population based on genotype								
	(ii)	The	next generation is grown by bu	lking the sele	cted seeds					
	(iii)		r 5 to 6 years of continuous ributed	s selection, tl	ne selected seeds are multiplied and					
	(iv)	The	varieties developed through ma	rieties developed through mass selection does not show variation						
		(A)	Only (ii) and (iv)	(B)	Only (ii) and (iii)					
		(C)	Only (ii), (i) and (iv)	(D)	Only (i) and (iv)					
40.	Whic	ch am	nong the following is a tautonyn	n?						
		(A)	Mangifera indica	(B)	Oryza sativa					
		(C)	Malus malus	(D)	Oryza nivara					
41.	Acha	Acharya Jagadish Chandra Bose Indian botanical garden is located in :								
		(A)	Howrah	(B)	Lucknow					
		(C)	Chennai	(D)	Haryana					
42.	Whic	Which among the following is an alkaloid?								
		(A)	Kaempferol	(B)	Quercetin					
		(C)	Catechin	(D)	Morphine					
43.	A vector which regulatory sequences that act an enhancer and promoter regions designed for efficient production of protein :									
		(A)	Amplifiable vector	(B)	Selectable vector					
		(C)	Expression vector	(D)	Integrating vector					
44.	Whic	ch of	the following statement is/are (CORRECT for	r Yeast Artificial Chromosome (YAC) :					
		(A) They can be used to express eukaryotic proteins that require post translat modification								
		(B) Able to insert large fragments of DNA								
		(C) Cloning site for foreign DNA is located within the SUP4 gene								
		(D)	All the above							
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		(C)	Agrobac	cterium auro	intiacum	(D)	Sinor	hizobium melil	loti	
		(A)		cterium tume		(B)		bacterium rhizo	_	
49.	Hair	ry roo	t culture i	is establishe	ed by transfor	ming plan	it cells v	with:		
		(C)	Only (i)	and (iii)		(D)	Only	(ii) and (iii)		
		(A)		and (iv)		(B)	-	(i) and (ii)		
	(iv)		_	_	$TP \rightarrow Ribulo$	_	_	4) 1 41)		
	(iii)	Ribo	se 5 phos	sphate	-			de → Xylulos	e o pi	nospnate +
	(ii)				etose 1, 6 Bipl	-		.d. V.d.d.		
	(i)						phospl	nate + xylulose	5 phos	phate
48.		_			·		•	by trans ketola		-
		(C)	Multiple	ex PCR		(D)	Asser	nbly PCR		
		(A)	Nested	PCR		(B)	qRT-	PCR		
47.			CR used f	for the detec	tion and mea	surement	of prod	ucts generated	during	g each cycle
		(C)	Only (iii	i) and (iv)		(D)	Only	(i) and (iii)		
		(A)	Only (i)	and (ii)		(B)	Only	(ii) and (iii)		
	(iv)	It is	predomir	nant in bact	eria					
	(iii)	Pho	tolysis is j	present						
	(ii)	Both	n PSI and	l PSII are in	volved					
	(i)	_	y ATP is p							
46.	Whi		of the sphorylati	following	statement	is/are	NOT	CORRECT	for	non-cyclic
		(C)	PSIPRE	ED		(D)	GEN	SCAN		
		(A)	RASMO			(B)		A and PHASE		
			D 4 CT 50	· -		(TD)	3.500			

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Which are the software's used for the construction of phylogenetic tree?

45.

50.	Meristem culture is largely used for the production of:							
	(A)	Virus free plants	(B)	Somatic embryos				
	(C)	Haploid plant production	(D)	Secondary metabolite				
51.	The formu	ıla for calculating Variance from	standard de	viation (SD) is:				
	(A)	SD/N	(B)	SD/2				
	(C)	$(SD)^2$	(D)	\sqrt{SD}				
52 .	Polyvinyl	pyrrolidone is added in tissue cu	lture medium	ı as a :				
	(A)	Antioxidizing agent	(B)	Micronutrient				
	(C)	Growth regulator	(D)	Chelating agent				
53.	Numerica	l taxonomy was largely develope	ed and popula	rized by :				
	(A)	Cronquist and Takhtajan	(B)	Sneath and Sokal				
	(C)	Engler and Prantl	(D)	Michael G. Simpson				
54.	During D	NA extraction process DNA is pr	ecipitated us	ing:				
	(A)	Acetone	(B)	Diethyl ether				
	(C)	Petroleum ether	(D)	Ethyl Alcohol				
55.	How man	y ATP molecules are needed to fi	ix one molecu	le of nitrogen?				
	(A)	16	(B)	8				
	(C)	12	(D)	18				
56.	Which che	emical is used as common fusoge	n in protopla	st fusion?				
	(A)	Triethylene glycol	(B)	Polyethylene glycol				
	(C)	Tetra ethylene glycol	(D)	Di propylene glycol				

57 .	A st	A statistical tool to measure the dispersion of the data in relation to the mean:							
		(A)	Mode	(B)	Median				
		(C)	Standard deviation	(D)	All the above				
58.	Whi	ch an	nino acid act as the precursor	for the synthesi	s of auxin?				
		(A)	Tryptophan	(B)	Arginine				
		(C)	Phenyl alanine	(D)	Threonine				
59.	Whi	ch of	the following statement is/arc	e correct about a	ggregate fruits?				
	(i)	The fruit has several tiny fruitlets which are derived from a single flower, collectively referred to as etaerio							
	(ii)	The	These are also known as collective fruits						
	(iii)	These fruits develop from the apocarpous ovary of flowers							
	(iv)	These fruits develop from an inflorescence							
		(A)	Only (ii) and (iii)	(B)	Only (i) and (ii)				
		(C)	Only (i) and (iii)	(D)	Only (ii) and (iv)				
60.	Fror	From the carbohydrate mentioned below which one is a disaccharide?							
		(A)	Glucose	(B)	Maltose				
		(C)	Fructose	(D)	Ribose				
61.	Which of the following statement is/are wrongly matched about the evolutionary processes of Telomes or telome trusses of primitive Rhynia type of vascular plants :								
	(i)		r topping – the telomes and ern to a single plane	mesomes of the	truss to shift from three-dimensional				
	(ii)	Planation – One of the two dichotomizing branches of the primitive axis produced by the apical meristem outgrows or over grows the other							
	(iii)	Syn	genesis – Tangential fusion o	f mesome and te	elome take place				
	(iv)	Cur	vation – Unequal growth of t	he tissues on tw	o opposite flanks of the telome				
		(A)	Only (i) and (iii)	(B)	Only (ii) and (iv)				
		(C)	Only (iii) and (iv)	(D)	Only (i) and (ii)				

62.	This process, known as mRNA capping, is highly regulated and vital in the creation of stable and mature messenger RNA. Which one of the following statement is NOT TRUE about mRNA capping:						
	(A)	5'-Capping enzymes a		RNA by binding to the phosphorylated			
	(B)	The 5' cap protects degradation	the newly-synthesize	d mRNA from 5' - 3' exo nucleases			
	(C)	It assists in ribosome	binding and help to in	nitiate translation			
	(D)	Nuclear export of mR	NA is regulated by the	e cap binding complex (CBC)			
63.	Barr bodies are inactive X chromosomes "painted" with:						
	(A)	pi RNA	(B)	XIST RNA			
	(C)	mi RNA	(D)	si RNA			
64.	-	mes which catalyse thoups, water or ammonia		val of a double bond with transfer of			
	(A)	Hydrolases	(B)	Transferases			
	(C)	Lyases	(D)	Ligases			
65 .	Which of	the following statemen	t is CORRECT for die	hogamy?			
	(A)	The ripening of the st	tamens and pistils of a	flower at different times			
	(B)	The spatial separatio	n of the anthers and st	tigma in hermaphroditic angiosperms			
	(C)						
	(D)	Stamen and pistil rip	en in same time				
66.	Powdery green alga		omposed of fungal hyp	hae wrapped around Cyanobacteria or			
	(A)	Isidia	(B)	Soredia			
	(C)	Cyphellae	(D)	Lobules			
050	10000		1.4				

	(i)						
	(ii)						
(iii) Each turn in A DNA has 10 base pairs							
	(iv) Double helix wind in a zig zag pattern						
		(A)	Only (i)	(B)	Only (ii) and (iii)		
		(C)	Only (iii) and (iv)	(D)	Only All the above		
68.	Infe	ctious	RNA particle is known as :				
		(A)	Prion	(B)	Viroid		
		(C)	Mycoplasma	(D)	Actinomycetes		
69.	Ploid	dy in (Cultivated banana is :				
	1 1010	(A)	Tetraploid	(B)	Diploid		
		(C)	Hexaploid	(D)	Triploid		
70.	Which of the following statement is/are NOT CORRECT about histone tail:						
	(i)	N-te	erminal tails of histones take part in the	dime	erization of histone octamer		
	(ii) It contains numerous residues that can be modified by acetylation, methylation etc						
	(iii)	It ha	as no role in chromatin condensation				
	(iv) Tail modifications alter both inter and intra nucleosomal interactions						
		(A)	Only (i) and (iii)	(B)	Only (i), (ii) and (iii)		
		(C)	Only (i), (ii) and (iv)	(D)	Only (i) and (ii)		
71.	Who	Who among the following has stated that 'care is an integral component of Moral reasoning					
		(A)	Carol Gilligan	(B)	Jean Piaget		
		(C)	Elliot Turiel	(D)	Lawrence Kohlberg		

67. Which one of the following statement is **NOT TRUE** for 'A'-DNA?

		(A)	Bernard Weiner	(B)	Doyle			
		(C)	Getzels and Thelen	(D)	Mc Clelland and Atkinson			
73.	Wha	t is th	e first action of a responsible teacher in	ı a m	ulticultural classroom?			
		(A)	or all categories of students					
	(B) Examine his/her own biases and modify them, if necessary							
		(C)	Cooperative learning strategies should	strategies should be used regularly				
		(D)	Carefully think through the physical for interaction among students	cal layout of the classroom and make changes				
74.	Choose from the following four options, the correct sequence of learning outcomes from lower to higher in the Revised Bloom's Taxonomy, 2001: (i) Understanding							
	(ii)	Remembering						
	(iii)	Applying						
	(iv)	Evaluating						
	(v)	Creating						
	(vi)	Anal						
		(A)	(ii), (iii), (i), (iv), (vi), (v)	(B)	(i), (ii), (vi), (iii), (v), (iv)			
		(C)	(i), (ii), (iii), (vi), (v), (iv)	(D)	(ii), (i), (iii), (vi), (iv), (v)			
75 .		Suppose some students are talking loudly outside, when a teacher is teaching in a nearby classroom. Teacher finds it difficult. What will you do it you are the teacher?						
		(A)	Go out of the classroom and scold the	distur	rbing students			
		(B)	Stop teaching immediately and leave of	classr	oom			
		(C)	Continue teaching without caring outs	side d	isturbances			
		(D)	Tell the students to speak quietly so a	s not	to disturb the class			

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 \mathbf{A}

Classroom as a social system includes personal and social dimensions and interaction of both determine behaviour within a classroom setting and shapes a particular classroom climate.

This model of classroom climate is proposed by:

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76.	Presenting work of another source as your own, by including it into your work without full acknowledgement is:							
	(i)	Plag	giarism					
	(ii)	Coe	rcion					
	(iii)	Phis	shing					
	(iv)	All of these						
		(A)	(i), (ii) and (iii) only	(B)	(i) only			
		(C)	(iii) only	(D)	(iv) only			
77.	A teacher intends to study the relationship between stress and academic achievement among college students. Which type of research is appropriate?							
		(A)	Descriptive research	(B)	Correlational research			
		(C)	Action research	(D)	Ethnographical research			
78.	Copy rights and related rights include :							
	(i)	i) Books						
	(ii)	i) Trademarks						
	(iii)	Music						
	(iv)	Art	forms					
		(A)	Only (i)	(B)	Only (ii) and (iii)			
		(C)	Only (i), (iii) and (iv)	(D)	Only (iii) and (iv)			
79.	Formal meeting in which many experts provide short addresses on a topic or on related topics is:							
		(A)	Seminar	(B)	Workshop			
		(C)	Symposium	(D)	Brainstorming			
80.	Rese	earch	Report contains :					
		(A)	Introduction	(B)	Methodology and research design			
		(C)	Findings and conclusion	(D)	All of these			

81.	Which of the following features of the Indian Constitution is borrowed from the USA?							
	(i)	Impeachment of the president						
	(ii)	Advisory jurisdiction of the Supreme Court						
	(iii)	Functions of president and Vice-President						
	(iv)	(iv) Fundamental Rights						
		(A)	Only (i) and (ii)	(B)	Only (i), (ii) and (iv)			
		(C)	Only (i), (iii) and (iv)	(D)	All the above (i), (ii), (iii) and (iv)			
82.	The Central Government shall constitute a Commission to be called the Delimitation Commission which shall consist of:							
	(i)	One member, who shall be a person who is or has been a Judge of the Supreme Court, shall be the Chairperson of the Commission						
	(ii)	The Chief Election Commissioner or an Election Commissioner nominated by the Chief Election Commissioner, ex officio						
	(iii)	The State Election Commissioner of concerned State, ex officio						
		(A)	Only (i)	(B)	Only (i) and (ii)			
		(C)	Only (i) and (iii)	(D)	All the above (i), (ii) and (iii)			
83.	Article 12 of the Indian Constitution defines The State as :							
	(i)	The Government and Parliament of India						
	(ii)	The Government and the Legislature of each of the States						
	(iii)	All local authorities						
	(iv)	Other authorities within the territory of India or under the control of the Government of India						
		(A)	Only (i) and (ii)	(B)	Only (i), (ii) and (iii)			
		(C)	Only (i), (ii) and (iv)	(D)	All the above (i), (ii), (iii) and (iv)			

- **84.** Article 18 abolishes titles. Mark the correct provision(s):
 - (i) No title, not being a military or academic distinction, shall be conferred by the State
 - (ii) No citizen of India shall accept any title from any foreign State
 - (iii) No person who is not a citizen of India shall, while he holds any office of profit or trust under the State, accept without the consent of the President any title from any foreign State
 - (iv) No person holding any office of profit or trust under the State shall, without the consent of the Prime Minister, accept any present, emolument, or office of any kind from or under any foreign State
 - (A) Only (i) and (ii)

(B) Only (i), (ii) and (iii)

(C) Only (i), (iii) and (iv)

- (D) All the above (i), (ii), (iii) and (iv)
- **85.** Consider the following statements:
 - (i) An amendment of the Constitution may be initiated only by the introduction of a Bill for the purpose in either House of Parliament
 - (ii) An amendment to the Constitution of India can be initiated by an introduction of a bill in the Lok Sabha only
 - (iii) If such an amendment seeks to make changes in the federal character of the Constitution, the amendment also requires to be ratified by the legislature of all the States of India
 - (iv) Majority of the provisions of the constitution can be amended by the Parliament alone Which of the statements given above is/are correct?
 - (A) Only (i)

(B) Only (i) and (iii)

(C) Only (i) and (iv)

(D) Only (i), (ii) and (iv)

86.	With reference to the provisions made under the National Food Security Act, 2013 consider
	the following statements:

- (i) The families coming under the category of 'below poverty line (BPL)' only are eligible to receive subsidised grains
- (ii) Provision for Nutritional support to pregnant women and lactating mothers
- (iii) Every State Government shall, by notification, constitute a State Food Commission for the purpose of monitoring and review of implementation of this Act
- (iv) In case of short supply of food grains from the central pool to a State, the Central Government shall provide funds to the extent of short supply to the State Government for meeting obligations

Which of the statements given above is/are correct?

(A) Only (i) and (ii)

(B) Only (ii) and (iii)

(C) Only (ii), (iii) and (iv)

(D) All the above (i), (ii), (iii) and (iv)

- 87. The Preamble to the RTI Act states that democracy requires an informed citizenly and transparency of information which are vital:
 - (i) To its functioning and also to contain corruption
 - (ii) To Measure Corruption
 - (iii) To hold Governments and their instrumentalities accountable to the governed

(A) Only (i)

(B) Only (i) and (ii)

(C) Only (i) and (iii)

(D) All the above (i), (ii) and (iii)

- 88. Consider the following Acts and identify the Act/Acts for the protection of Women:
 - (i) Dowry Prohibition Act, 1961
 - (ii) Indecent Representation of Women (Prohibition) Act, 1986
 - (iii) Protection of Women from Domestic Violence Act, 2005
 - (iv) Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013

(A) Only (i) and (ii)

(B) Only (i) and (iii)

(C) Only (i), (ii) and (iii)

(D) All the above (i), (ii), (iii) and (iv)

A				21	079/2023 [P.T.O.]		
		(C)	K. Damodaran	(D)	K.T. Muhammed		
		(A)	V.T. Bhattathirippad	(B)	N. Krishna Pillai		
93.	Who	Who is the author of the Malayalam drama 'Pattabakki'?					
		(C)	'Perinadu Lahala'	(D)	'Channar Lahala'		
		(A)	'Nair Pattalam Lahala'	(B)	'Kurichiar Lahala'		
92.	The Royal Proclamation issued by the 'Government of Travancore' on 26 July 1859 followed by which struggle?						
		(C)	1906	(D)	1096		
		(A)	1876	(B)	1896		
91.	In which year Ezhava Memorial was submitted?						
		(C)	Only (i, ii and iii)	(D)	All the above (i, ii, iii and iv)		
		(A)	Only (i and ii)	(B)	Only (i and iii)		
	(iv)	Form	nation of India's own Internet o	companies like	e Chine did		
	(iii)	Digi	tal Empowerment of Citizens				
	(ii)	Gov	ernance and Services on Demar	nd			
	(i)	Digi	tal Infrastructure as a Core Ut	ility to Every	Citizen		
90.	The vision of Digital India programme is to transform India into a digitally empowered society and knowledge economy. The key vision of the programme is centred on :						
		(D)	NRDP and National Food for	work Progran	nme		
		(C)	National Rural Employment Guarantee Programme (RLEC		EP) and Rural Landless Employment		
		(B)	Prime Minister's Rozgar Yoja	na and Bhara	t Nirman		
		(A)	Bharat Nirman and NREGP				
	erst	while	employment programmes. Whi	ch are those p	rogrammes?		

Jawahar Rozgar Yogaja (JRY) was started with effect from April, 1, 1989 by merging two

94.	Period of 'Paliyam Sathyagraha':							
	(A)	1947 - 1948	(B)	1924 - 1925				
	(C)	1931 – 1932	(D)	1920 – 1921				
95.	Which of	the following organization was	s established on	October 31, 1914?				
	(A)) 'Sree Narayana Dharama Paripalana Yogam'						
	(B)	'Samathwa Samajam'						
	(C)	'Sadhu Jana Paripalana Yog	am'					
	(D)	Nair Service Society						
96.	The day o	bserved as 'World Zoonoses Da	ay':					
	(A)	July 6	(B)	April 6				
	(C)	January 6	(D)	September 6				
97.	Indian sta	ate that does not cross the Wes						
	(A)	Maharashtra	(B)	Gujarat				
	(C)	Rajasthan	(D)	Keralam				
98.	Which of	the following National water w	vay pass throug	gh Kerala?				
	(A)	National Waterway – 3	(B)	National Waterway – 4				
	(C)	National waterway – 5	(D)	National Waterway – 1				
99.	The India		e men's 57 kg. V	Wrestling free style category at the last				
	(A)	Neeraj Chopra	(B)	Levlina Borgahen				
	(C)	Bajrang Puniya	(D)	Ravikumar Dahiya				
100.	The first l	Malayalam film released on O'	ГТ platform :					
	(A)	'Kumbalangi Nights'	(B)	'Soophiyum Sujathayum'				
	(C)	'Churuli'	(D)	'Aarkkariyam'				

SPACE FOR ROUGH WORK

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