045593

Booklet Serial No.

Test Booklet Series

TEST BOOKLET - 2021

GENERAL STUDIES EXAMINATION - 2021

Paper - I

(91)



Time Allowed: Two Hours

Maximum Marks: 200

INSTRUCTIONS

- 1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
- Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series Code A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Response Sheet. Any omission/discrepany will render the Response Sheet liable for rejection.
- 3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.
- 4. This Test booklet contains 100 items (questions). Each item comprises of four responses (answers). You will select the response which you want to mark on the Response sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each item.
- 5. You have to mark all your responses ONLY on the separate Response Sheet provided. See directions in the Response Sheet.
- 6. All items carry equal marks.
- 7. Before you proceed to mark in the Response sheet the response to various items in the Test Booklet you have to fill in some particulars in the Response Sheet as per instructions sent to you with your Admission Certificate.
- 8. After you have completed filling in all your responses on the Response Sheet and the examination has concluded, you should hand over to the Invigilator only the Response Sheet. You are permitted to take away with you the Test Booklet and Candidate's Copy of the Response Sheet.
- 9. Sheets for rough work are appended in the Test Booklet at the end.

10. Penalty for worng answers:

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY THE CANDIDATE.

- There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one—third of the marks assigned to that question will be deducted as penalty.
- (ii) It a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above for that question.
- (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

91(A)

(2)

1.	When	n did the Union Cabinet nu and Kashmir Panchaya	chaired by th ti Raj Act	e Prime Minister approved the adoption of
	A)	21 October, 2019	B)	21 August, 2020
	C)	5 August, 2020	D)	21 October, 2020
2.	Acco Risk	ording to the UNICEF Firs Index (CCRI), which of	t Child-focuse the following	ed Climate Risk Index- the Children's Climate countries is at the lowest rank in South Asia.
	A)	India	B)	Afghanistan
	C)	Sri Lanka	D)	Pakistan
3.	Med	er the bench of which of lia's freedom to report Co MR Vijaya Bhaskar?	the following ourt hearings	judges, the Supreme Court of India upheld in the case of Election Commission of India
	A)	Justices D.Y Chandrac	hud, K.M. Jo	oseph
	B)	Justices UU Lalit and	Vineet Saran	
	C)	Justices AM Khanwilk	ar, Indu Mall	notra
	D)	Justices D,Y Chandrac	hud, M.R Sh	ah ·
4.	Hov purs Stat	sue masters and doctoral o	will be sponso legrees at lead	ored each year under the Quad fellowship to ing STEM graduate universities in the United
	A)	100	B)	200
7	()	50	D)	25
5.	Wh	at is the theme of World	Brain Day 2	021?
	A)	Stop Alzheimer's	B)	Stop Parkinson's
	C)	Stop Multiple Scleros	is D	Stop Aphasia
91	(A)		(3	(P.T.O.

	A)	To legitimize religious workers' job status
	B)	To promote tourism based on religious activities
a.	C)	To provide jobs to senior citizens
	D)	To encourage students towards social work
7.	Wh	o has coined the term 'BRICS', an association of five emerging national economies?
	A)	Ester Doflo B) Amartya Sen
	C)	Jim O'Neil D) Joseph E. Stiglitz
8.	The	Indian Metrological Department has a Regional Metrological Centre in which of following places?
	i)	Chennai and Guwahati ii) Kolkata and Nagpur
	iii)	Ranchi and Indore (iv) Bengaluru and Lucknow
	A)	(iii) and (iv) are correct
	B)	(ii) and (iv) are correct
10.1	C)	(i) and (iii) are correct
	D)	(i) and (ii) are correct
9.	Whi	ch one of the following does not come under the Jal Jeevan Mission (Urban)?
	A)	Rejuvenation of water bodies as well as 20% of supply of reused water.
	B)	Creation of green spaces
	C)	2.64 crore sewer connections in the 500 cities
	D)	Free water supply to all households.
91(A	1)	(4)

6. What is the SACRED portal by the Government of India for?

10.	'Syn	nala Gopinath Committee' relate	es to _	en de la	
	A)	Nationalised Banks	B)	Nidhi Companies	
	C)	Small Finance Banks	D)	Cooperative Banks	
11.	Whi	ch country has passed the 'Holo	caust	property bill'?	
	A)	Denmark	B)	Germany	
	C)	Poland	D)	Slovenia	
				G WEST	
12.	Meg	gapode Sanctuary was in the nev	vs rece	ently. Where is it located?	
	A)	Andaman & Nicobar islands	B)	Uttar Pradesh	
	C)	Uttarakhand	D)	Rajasthan	
			0	Tell out	
13.	Wh	o is the author for the book 'My	Life i	n Full- Work, Family, and our Fu	ture'?
	A)	Sudha Murty	B)	Indra Nooyi	17
	C)	Kiran Mazumdar Shaw	D)	Parmeshwar Godrej	
		3			
14.	FIF	A World Cup (men) 2022 will be	e held	in:	
	A)	Qatar	B)	Japan	
	C)	Spain	D)	England	
	7	1			
15.	Wh	at is India's rank on the Global I	Hunge	r Index, 2020?	
	A)	94 th rank	B)	49 th rank	
	C)	54 th rank	D)	98th rank	
91(A)		(5)		[P.T.O.

16.	Wherevo	o mobilised the villagers of parablt?	gana	Barout in Uttar Pradesh to join the 1857
	A)	Gonoo	B)	Shah Mal
	C)	Peshwa Baji Rao	D)	Nana Sahib
17.	Jai S Emp	Singh and Jaswant Singh were proeror?	esent	ed the title -Mirza Raja by which Mughal
	A)	Akbar	B)	Babur
	C)	Aurangzeb	D)	Bahadhur Shah Zafar I
18.	Who	designed the famous bazaar of ajahanabad (Delhi)?	Chan	dni Chowk for Shah Jahan's new capital,
	A)	Gulbadan Begum	B)	RoshanAra
	C)	Jehanara	D)	Nur Jahan
19.	Wha	t is name of the material with which	h the	Harappan Seal is made of?
	A)	Copper	B)	Bronze
	C)	Steatite	D)	Iron
20.		the commander of the Ahom are araighat in 1671 on the Bank of the		ho defeated the Mughal Army at the Battle ahmaputra River.
	A)	Rajaram Singh	B)	Suhungmung
-	C)	Tirot Singh	D)	Lachit Borphukan
	7			
21.	In w	hich place did the Gadkari uprisi	ng of	1844 take place?
	A)	Kolhapur	B)	Poona
	C)	Ahmad Nagar	D)	Nashik
91(A	.)		(6)	

22.	The l	Muslim League was founded in 19	06 at-		
	A)	Lahore	B)	Karachi	
	C)	Aligarh	D)	Dacca	
23.	Whi	ch of the following Chola Kings as	ssume	ed the title "gangaikodaan"	
	A)	Raja Raja Chola I	B)	Parantaka Chola II	
	C)	Rajendra Chola I	D)	Karikala Chola	
24	The	Vernacular Press Act of 1878, add	opted	by Lord Lytton was intended to—	
24.	THE				
	A)	Promote newspapers in the vern	acula		
	B)	Restrain vernacular newspapers			
	C)	Promote English newspapers			
	D)	Restrain English newspapers			
		S NOW			
25.	Vet	ti refers to:			
	A)	Tax in the form of cash	B)	Tax in the form of jewellery	
	(3)	Tax in the form of food grains	D)	Tax in the form of forced labour	
26.	'A	History of British India' was writt	en in	1817 by:	
20					
	A)	G H Forbes	B)	Abul Kalam Azad	
	C)	James Mill	D)	Sucheta Mahajan	
91	(A)		(7)	[P.T.O.

	A)	Yajurveda	B)	Samaveda
	(1)	5		
	C)	Rigveda	D)	Atharvaveda
28.	Wh	ich freedom fighter went to Pond ained there until his death, foundir	licher ng a fa	rry in 1910 to pursue his spiritual goals and amous Ashram?
	A)	Aurobindo Ghosh	B)	Ram Krishna Ghosh
(€	C)	Mamata Ghosh	D)	Lalitha Ghosh
29.	Arra	ange the following rulers in chrono	ologic	cal order?
	i)	RAZIA	ii)	ILTUTMISH
	iii)	BALBAN	iv)	QUTB-UD-DIN-AIBAK
Γ				
	A)	i, ii, iii, iv		
	B)	i, iv, iii, ii		
	C)	iv, ii, iii iii		
	D)	ii, i, iii, iv		
	<u> </u>			
H				
30.	Who	authored the book "Poverty and	l un-l	British rule"
	A)	R.C Dutt	B)	Dadbhai Naoroji
	C)	Sumit Sarkar	D)	R.C. Majumdar
91 <i>(</i> A			(8)	

27. Which among the following Vedas has two groups, Shukla and Krishna?

31. Consider the following diagram.



Match the central American countries with their capitals.

a) San Salvador

b) Guatemala City

c) Tegucigalpa

d) Managua

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

- 32. Consider the following sentences.
 - 1. Rubber production begun in the region of Travancore and Malabar.
 - 2. 8% if the world production of rubber is contributed by India.

Which of the above statement/Statements are NOT correct?

A) 1 only

B) 2 only

C) Both 1 and 2

D) Neither 1 nor 2

33. What is 'Biochar''?

- A) A form of pesticide
- B) A chemical based fertiliser
- C) A form of charcoal produced from heating organic matter
- D) A form of chemical found in the soil

34. Which of the following is true about Kashmir?

- 1) Vegetation and climate can broadly be categorized into sub-tropical, temperate and alpine zones.
- 2) More than 50% of the plant species used in British pharmacopoeia are reported to grow in Jammu and Kashmir.
- 3) The recorded forest area is 20240 Sq. kms.

Choose the correct option given below.

A) Only 1

B) Only 1 and 2

C) Only 3

D) Only 1 and 3

35. Which of the following about Baiga tribe is true?

- 1) Baiga means sorcerers.
- Traditionally they lived semi-nomadic life and practiced slash and burn agriculture.
- 3) They have in depth knowledge of folk crop production.
- 4) Tattoo is an integral part of baiga tradition.

Choose the correct option given below.

A) Only 1, 2 and 4

B) Only 2, 3 and 4

- C) Only 1, 3 and 4
- D) Only 1, 2 and 3

36.	Cons	sider the following sentences.		8 8 8 9 9 9 9
	1.	India is the 2nd largest producer of	fthe	fruits and vegetables in the world.
	2.	Totally 12 % of the cropped area	is oil	seeds.
	Wh	ich of the above statement/Stateme	nts a	re NOT correct?
	A)	1 only	B)	2 only
		Both 1 and 2	D)	Neither 1 nor 2
	C)	Bour r and 2		
	in olivani	hich one of the following is the exar	nnle	of radial drainage pattern
37	. Wh	hich one of the following is the exam	npic	Of facility drawing ,
	A)	Siwaliks	B)	Vindhya mountains.
	C)	Gir hills	D)	Aravalli mountains
				101
			tha h	nighest Percentage of canal irrigation used in
38		hich among the following state has dia?	uiei	nghest i creentage of casas.
	200		BI	Punjab
	A)		B)	
	C)) Jammu & Kashmir	D)	Uttar Pradesh
*		(2)		
3	9. C	onsider the following statements ar	ound	wet lands.
	1.	. Wet lands can be both aquatic ar	nd ter	restrial at the same time depending on seasonal
		variability.		
K	2.			
	3.	. The boundaries of wet lands ar	e def	ined as per their geographical location.
	1			
	V	Which of the above statements are o	corre	ct?
	A	A) Only 1 and 3	В	Only 1 and 2
	(C) Only 3 and 2	D	Only 2

40. Consider the following statement

- When the earth, the moon and the sun are in a straight line, the sun enhances its gravitational pull of the moon, creating a condition of higher tides and lower low tides known as spring tides
- when the sun and the moon are at right angle to the earth, the sun partially counteracts the pull of the moon, producing lower high tides and higher low tides typical of a neap tide.
- 3) A solar eclipse occurs when the sun passes between the earth and the moon.
- 4) Lunar eclipse occurs when the earth passes between the sun and the moon.

Which of the given statement above is/are correct

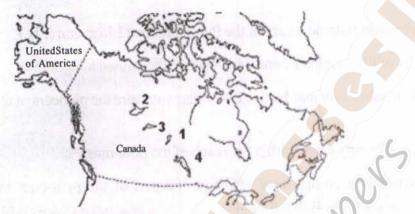
- A) 1 and 2
- B) 3 and 4
- C) 3 only
- D) 4 only
- 41. The UAE has sent a space probe mission to the Mars named
 - A) 'Hope' or 'Al-Amal' in Arabic
- B) 'Faith' or 'Al-Amal' in Arabic
- C) 'Belief' or 'Al-Amal' in Arabic
- D) 'Prayer' or 'Al-Amal' in Arabic
- 42. Dolomite deposits have been found in:
 - A) Odisha, Bengal, Bihar, Maharashtra
 - B) Odisha, Bengal, Bihar, Tamil Nadu
 - C) Odisha, Bengal, Bihar, Jharkhand
 - D) Odisha, Bengal, Bihar, Chattisgarh

- **43.** How many centimetres has been added to the revised height of Mount Everest after its re-measurement?
 - A) 86 centimetres

B) 96 centimeters

C) 75 centimeters

- D) 101 centimeters
- 44. Consider the following Diagram.



Match the following Lakes.

- a. Athabasca
- b. Reindeer
- c. Great slave

d. Winnipegosis

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

- 45. Optimal conditions for this crop to grow include cool to warm tropical climate, rich soils, and few pests or diseases. Temperature above moderate accelerates fruit ripening which ruins harvest quality. Which crop is being referred to?
 - A) Almonds

B) Tea

C) Coffee

- D) Walnuts
- 46. Consider the following statements about the aims of the India Enterprise Architecture (IndEA).
 - 1) Making all Government services digitally accessible in an integrated manner.
 - 2) Enhance Efficiency Delivery Services by defining and enforcing service levels of a very high order
 - 3) Maintaining the right balance between security of data and privacy of personal information.

Which of the following statement is correct

A) Only 1

B) 1, 2 and 3

C) 2 and 3

D) 1 and 2.

47.	Wh	to headed the States Committee (sembly in the making of the Indian	for ne	egotiating with states) under the Constituent stitution?
	A)	Dr. Rajendra Prasad	B)	Sardar Patel
	C)	Jawaharlal Nehru	D)	AVThakkar
48.				ne Public Interest Litigation (PIL)
	1)	The concept of PIL originated as		
	2)	Justice V.R Krishna Iyer and Jus India.	tice P	N. Bhagwati were the pioneers of the PIL in
	3)	PIL intends to bring justice with	in the	e reach of the poor masses.
	4)	PIL is essentially a co-operational observance of the constitutional	ve eff	fort on the part of the petitioner to secure s.
	5)	PIL is considered as absolutely meaningful realization of the fun	nece	essary for maintaining the rule of law and ental rights.
	Whi	ch of the statements given above	is/are	correct
	A)	1, 2, 3, 4 and 5	B)	2, 3 and 4
	C)	2, 3, 4 and 5	D)	1, 3, 4 and 5
49.	Cons	sider the following statements ab st Dwellers (Recognition Of Fore	out the	ne Scheduled Tribes And Other Traditional ghts) Act, 2006.
	1)	It does not recognize Individual	rights	s like Rights of Self-cultivation.
	2)	It recognizes the Community Rig		
	3)	It ensures land tenure, livelihood a Tribes and other traditional fores	and fo	od security of the forest dwelling Scheduled llers.
	4)	It protects the tribal population fro	om ev	iction without rehabilitation and settlement.
	7/			
	Whic	ch of the statements given above i	s/are	not correct
	A)	1 and 2	B)	4 only
	C)	2 only	D)	1 only
91(A))		(14)	- 470°

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50.	Read	the following sta	tements around	article	e 243 H of the Indian constitution.
	1.	Authorise a Panc	hayat to levy, co	ollecta	and appropriate such taxes, duties, tolls and re and subject to such limits.
	2.	Assign to a Panci State Government	hayat such taxes	s, dutie oses, a	es, tolls and fees levied and collected by the and subject to such conditions and limits.
	3.	Provide for making of the Centre.	ng such grants-in	n-aid to	to the Panchayat from the Consolidated Fund
	Whi	ch of these staten	nents is/are true	?	
	A)	Only 1 and 2		B)	Only 2 and 3
	C)	Only 1 and 3		D)	Only 2
51.		o said "Rights are g."?	powers necessa	ary for	the fulfilment of man's vocation as a moral
	A)	Beni Prasad		B)	T H Green
	C)	Laski	Lor	D)	Hobbes
52.	Wh	ich of the followin	ng statements ar	e true	about Governor of a State
Ť	1.	The executive p	ower of the stat	e is ve	ested in him
	2.	He must have at	ttained 35 years	of age	e
	3.	He holds office	during the plea	sure o	of the President
	4.	The grounds of	his removal are	laid de	own in the Constitution
	7				e din
	sele	ect the correct ans	wer using the co	odes g	riven below
	A)	1,2 and 4		B)	1,2 and 3
	C)	1,3 and 4		D)	all of the above
91((A)			(15	(P.T.O.
-		28.1			

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

Amendment of the Constitution of India

Subject

- a) 52nd Amendment
- 1. Reduction of voting age from 21 years to 18 years
- b) 73rd Amendment
- 2. Right to Education
- c) 61st Amendment
- 3. Panchayti Raj
- d) 86th Amendment
- 4. Disqualification on grounds of defection

Code

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

- 54. Which of the following statements is not correct about the Pocket Veto of the President?
 - A) The President can either give his/her assent to a money bill or withhold his assent to a money bill but cannot return it for reconsideration of the Parliament.
 - B) The President neither ratifies or rejects nor returns the bill, but simply keeps the bill pending for an indefinite period.
 - C) Power of the President not to take any action is Pocket Veto.
 - D) In 1986 President Zail Singh exercised it with respect to the Indian Post Office (Amendment) Bill.
- 55. Ruth Manorama is an Indian woman activist. Mention her area of work
 - A) Working for Dalit women
- B) Working for HIV infected women
- C) Working for tribal women
- D) Working for urban working women

Consider the following pairs with respect to legislation against untouchabilit	y
(Consider the following pairs with respect to legislation against untouchabilit

- a) 1923
- Bombay Presidency- accelerate inclusion of untouchable children in educational institutions
- b) 1925
- 2. Madras Legislative Council-Bill introduced to throw open public roads and wells to all persons
- c) 1936
- 3. Government of Travancore-Temple Entry Proclamation
- d) 1955
- 4. Untouchability Offences Act

Which of the pairs given below is/are correctly matched?

- A) a-1, b-2, c-3, d-4
- B) a-3, b-2, c-1, d-4
- C) a-2, b-3, c-4, d-2
- D) a-2, b-1, c-4, d-3

57. Match the following:

- a) Certiorari
- Issued when a govt. official infringes rights of an individual by not doing legal duty
- b) Habeas Corpus 2.
- A higher court orders the lower court to transfer a pending matter to a higher authority or court
- c) Prohibition
- Arrested person to be presented before district magistrate within 24hrs
- d) Mandamus
- Higher court orders a lower court to transfer the case if the lower court seems to be overriding its jurisdiction area
- A) a-2, b-1, c-4, d-3
- B) a-4, b-3, c-1, d-2
- C) a-3, b-1, c-2, d-4
- D) a-2, b-3, c-4, d-1

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58.	. Wł	nich Indian President won	unopposed	1?	
	A)	R. Venkataraman		B)	N Sanjeeva Reddy
	C)	Giani Zail Singh	4	D)	V V Giri
59.	The	e parliament exercises con	trol over a	dmi	nistration through the executive with
	A)		policies a	nd a	ctions of the government through questions,
	B)	Financial control throug	h budget a	nd a	udit.
	C)	Detailed control over f committees.	inancial, a	dmi	inistrative and legislative matters through
	D)	All the above			
60.	Nare	esh Chandra Committee, 2	2002 was a	ppo	inted to:
	A)	Examine age limit for co	ompetitive	exa	minations
	B)	Examine the reservation	issues		
	C)	Examine corporate gove	rnance issu	ies	
	D)	Examine the domestic vi	olence iss	ues	
61.	The I	Rangarajan panel submitte	ed its repor	t on	poverty estimates in January 2014. Major
	cnan	ges were observed in estir	nation. Wh	nat a	are those factors?
		Minimum calorie require			
V _f -D	\/	Behavioural determinatio			- Part 2016
		Food expenses to include			
(4.]	Per capita expenditure fro	m urban aı	nd rı	ural area separately
	Choo	se the correct answer			
	A)	1, 2, &3	B)	3	3&4
9	C)	2&4	D)	A	all the above
91(A))		(18	8)	
					1.77 (1)

62.	Whic	ch of the following is re	lated to environmental degradat	ion?
	1.	Extraction in Carrying	Capacity	
	2.	Waste generated in Abs	orptive Capacity	
	3.	Conservation of renew	able and non -renewable resource	ces
	4.	Opportunity cost of ne	gative environment impact	
				C
	Sele	ct the correct codes:		
	A)	land 2	B) 4 only	
	C)	1,2 and 3	D) 3 and 4	
			0	
63.	Rea	d the following stateme	nts.	
	1.	Balance of payments transactions of a coun	of a country is an aggregate rectry.	cord of domestic economic
	2.		clude exports and imports of go sfer payments (like foreign aid).	
1	3.	The balance of payme	nts is an important economic ind	icator for 'open' economies
				8
	Wh	ich of the given stateme	ents is/are true?	
	A)	Only 1	B) Only 1 and 2	
	C)	Only 1 and 3	D) Only 2 and 3	
91((A)		(19)	[P.T.O.

- 64. Read the following statements around FDI in India.
 - 1. During FY 2020-21 total FDI inflow of \$58.37 bn, 22% higher as compared to the first 8 months of 2019-20.
 - 2. FDI inflows in India have consistently increased since FY 2014-15.
 - 3. FDI equity inflow grew by 120% in the first three months of the FY 2021-22.

Which of the given statements is/are true.

A) Only 1

B) Only 2

C) Only 1 and 2

D) Only 3

65. Stand up India:

- 1. Facilitates bank loans to SC or ST borrower.
- 2. It facilitates a loan amount of 10 lakh to 50 lakhs.
- 3. The loan is provided for setting up a greenfield enterprise.

Which of the above statements is/are true?

A) Only 1

B) Only 2

C) Only 1 and 2

- D) Only 1 and 3
- 66. Which of the following is not a step under Atma Nirbhar Bharat?
 - A) Disallowing Global tender of up to 200 crores.
 - B) Increase in borrowing limits of Private banks account from RBI.
 - C) Elimination of regulatory assets
 - D) One nation one card for migrant workers

67.	The	il Index, Gini Index	and Palma rati	o measures	8		
	A)	Social inequality		B)	Income Inequ	uality	
	C)	Regional Disparity	de e	D)	Spread of Bi	odiversity	
68.	Wł	nich of the following					
	1.	Tax imposed on p	rivate parties	to feel the	social burden	of their action.	
	2.	Increased tax on	petroleum				
	3.	Are applied on bu	usiness firms a	nd comme	ercial entities		
	4.	Tax levied for cr	eating positive	externalit	ies.		
	A)	1&2		B) 2	&4		
	C)	3 &4		D) 1	& 3		
69	X	Thich of the following	ng is not true a	bout The E	Essential Com	modities Act 195	5?
09						ties from the list	
	1.	in the act.	emment camo	add of fon	10 10 001111110		
	2	. The central gov supply and dist	ernment can pribution thereo	rovide for of and trade	regulating or	prohibiting the p	roduction,
1	3	The central gov in for inspection		der the pro	duce of essenti	ial commodity to	be brought
		Choose the correct of	option.				
		A) Only 1		В)	Only 3		
		C) Only 2 and 3		D)	Only 1 and 2		
9	01(A)			(21)			[P.T.O.

70	. T	he key aspects of major sustainable	le dev	elopment views can be matched	das:
	1.			a) Liberal view	
		with environmental protection	1		
	2.	Economic growth catalyses		b) Structural view	
		environmental growth			
	3.	Structural inequalities between	n cour	tries c) Systemic view	
		contribute to environmental de	grada	tion	
	A)	1-c, 2-a, 3-b	B)	1-a, 2-b, 3-c	
	C)	1-b, 2-c, 3-a	D)	1-a, 2-b, 3-c 1-a, 2-c, 3-b	
71.	The	e 2030 agenda for sustainable deve	elopm	ent provides a global blueprint	and stimulates
	acti	ion in the following areas:			
	A)	People, planning, prosperity, pe	ace ar	d partnership	
	B)	People, peace, prosperity, plane	et and	partnership	
	C)	Peace, people, prosperity, plant	s and p	partnership	
	D)	Peace, people, planning, planet	and pa	rtnership	34:
72.	The	Venture Capital Assistance scher	ne ain	s at providing assistance to ac	·
	the	form of:		is at providing assistance to ag	ripreneurs in
	A)	Low rate interest loans	B)	Subsidised tools and equipme	nt.
	C)	Waiver of tax	D)	Interest free loans	
À					
3.	Ecol	ogical foot print is a method of ga	auging	the	
	A)	Biodiversity of a region	B)	Human dependence on natura	l resources
3	C)	Volume of human migration	D)	Amount of carbon dioxide em	
					6

74.	A co	mmon problem of develop	ment models	s, is its heavy depender	ncy on
	A)	Energy	B)	Human resources	
	C)	Financial capital	D)	Political power	
75.	Wha	at is the major cause of cor	al bleaching	Poly Million	
	A)	Pollution in oceans	B)	Warm water	
	C)	Chemicals in ocean	D)	Oil spills	
				01/2	
76.	In th	ne freshwaters of river Gar	nga, a variety	of dolphins named	are found.
	A)	Dolma	B)	Susu	
	C)	Saka	D)	Doha	
77.		non-native species success damage to the environmen		hes in the introduced en	nvironment and causes
	1)	Better adaptation to the	new environr	ment	
10	2)	All the niches are utilize	ed by the nati	ve species	
	3)	Absence of natural energy	nies in the in	troduced region	
	4)	Low biotic potential			
	7	Jahren are regard to the			Foreign m
7	Ch	oose the correct option.			
	A)	1 and 2	В)	1 and 3	
	C)	1 and 4	D)	2 and 4	
91	(A)		(2:	3)	[P.T.O.

78.	Liana den	sity in	tropical	latitude is
-----	-----------	---------	----------	-------------

- 1) A negative relationship with mean annual precipitation
- 2) A negative relationship with the length of the dry season period
- 3) A positive relationship with mean annual precipitation
- 4) A positive relationship with the length of the dry season period

Choose the correct option.

A) 1 and 2

B) 1 and 3

C) 1 and 4

D) 2 and 3

79. Considering the following pairs

Name of the species

Metal

- 1) Thlapsi caerulescens
- Zn
- 2) Psychotria douarrei
- Ni
- 3) Eichhornia crassipes
- Cr
- 4) Astragalus preussi
- Fe

Which of the above pairs are correctly matched based on hyperaccumulation potential of specific metal

A) 1 and 2 only

B) 1 and 3 only

C) 2 and 3 only

(

D) 2 and 4 only

91(A)

(24)

80.	Match the following pairs	correctl
80.	Match the following pairs	Correc

Scientist

a) Charles Elton

- b) Darwin
- c) Hutchinson
- d) Gause
- A) a-i, b-ii, c-iii, d-iv
- C) a-iv, b-iii, c-ii, d-i

Contributions

- i) Competition exclusion principle
- ii) n-dimensional hypervolume
- iii) Galapagos finches
- iv) Biodiversity resistance hypothesis
- B) a-ii, b-iii, c-i, d-iv
- D) a-iv, b-ii, c-iii, d-i

81. The loss of genetic diversity in an isolated small population could be attributed to

- 1) Mutation
- 2) Inbreeding
- 3) Speciation
- 4) Genetic drift
- A) 1 and 2
- C) 2 and 4

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

82. The gradual change in the direction of the earth's axis is called

- A) Wandering Polar
- B) Continental drift

C) Precession

D) Euler's effect

83. Homeostasis means

- A) A tendency of an ecosystem to resist change and to remain in a state of equilibrium
- B) A property of an ecosystem to withstand all kinds of environmental changes
- C) A characteristic of an ecosystem to convert into changes of pollution
- D) An ecosystem never respond to environmental change

84. Match the following:

- 1. Auteecology
- a) Study of life form and environment of post ages
- 2. Synecology
- b) Study of individual species in relation to its environment
- 3. Palae ecology
- c) Study of plant communities in relation to environment
- 4. Genecology
- d) Study of ecology in relation to genetics

A)
$$1-b, 2-c, 3-a, 4-d$$

B)
$$1-c$$
, $2-b$, $3-a$, $4-d$

C)
$$1-d$$
, $2-c$, $3-a$, $4-b$

D)
$$1-b$$
, $2-a$, $3-c$, $4-d$

85. Western ghats of India is known as

- A) Endemic Queen
- B) Endemic Crown

C) Endemic Ghat

- D) Endemic Home
- 86. Find out the correct order of sequence of vertical structure of the atmosphere from lower to higher altitudes
 - A) Troposphere, Stratosphere, Mesosphere and Thermosphere
 - B) Stratosphere, Troposphere, Mesosphere and Thermosphere
 - C) Stratosphere, Troposphere, Thermosphere and Mesosphere
 - D) Troposphere, Stratosphere, Thermosphere and Mesosphere

87.	Mato	h Lis	st I co	rrectly	y with	List II and	select	your answer using codes given below:	
	1. H	orizo	n A				a)	The Subsoil	
	2. H	orizo	on B				b)	The Solid rock	
	3. H	orizo	on C				c)	The topsoil	
	4. H	[orizo	on D				d)	The weathered parent rock	
		a	b	с	d	3.2			
	A)	3	4	1	2				10
	B)	4	1	3	2				
	C)	3	2	1	4	111			
	D)	3	1	4	2				
88	. Wh	ich q	uantu	m phe	nome	non was Alb	ert Ei	nstein referring to in his expression "spooky	У
	acti		a dist					n i i i	
	A)	Qu	antun	ı tunn	elling		B)	Uncertainty Principle	
	C)	Su	perpo	sition			D) -	Quantum entanglement	
89	. In v	vhat	cases	can th	e thre	e equations	ofmo	tion be applied?	
~	i.	In	one d	imens	sional	motion			
	ii.	In	circu	lar mo	otion				57
	iii.	Si	mple	harmo	onic m	otion			
	iv.	W	hen a	ccele	ration	is constant	1		
	A)	or	ıly i				B)	i and ii	
7	(C)	or	aly iv				D)	ii, iii, and iv	
	3	1							
9	0. Ar	nong	the f	ollow	ing th	eories whic	h one	is discuss about metal-free electrons?	
	A)	W	/erner	's the	ory	8	B)	Sidwick's theory	
	C)	V	B the	ory			D)	Drude-Lorentz theory	
	1(4)						(27	(P.T.	0.
,	01(A)						(
							(*)		

91.	Wł	nat is a white dwarf?
	A)	It is a stellar core which remains after the star has used up all of its nuclear fuel.
	B)	It is the explosion of a star.
	C)	They are highly compact, magnetized, rotating stars.
	D)	It is an extremely luminous active galactic nucleus, powered by a supermassive black hole.
92.	On	which of the following planets does the sun rise in the West?
	A)	Mercury B) Venus
	C)	Jupiter D) Mars
93.	Wha	t does eutrophication refer to?
	A)	Natural aging of a lake by nutrient enrichment of its water
	B)	Natural aging of lake by nutrient deficit of its water
	C)	Natural expansion of a lake with time
	D)	Natural increasing of the depth of a lake with time
4.	Byw	hat factor is the electromagnetic force stronger than the gravitational force?

B) 10¹⁶

C) 10²⁸

D) 10³⁶

1.035

	41	DNA is a double strande	d helix with su	gar-phosphate as backbone.	
P	A)	DIVA is a double straine	All sells		VID.
E	3)	DNA is always a right ha	anded helix.		
(C)	DNA strands run in opp	osite direction		
I	D)	DNA has both major and	d minor groove	es.	
				5	
96. (Gern	nan silver is an alloy of		0	
	A)	Copper and tin	B)	Zinc, silver and copper	
	C)	Copper and nickel	D)	Copper, zinc and nickel	
			in		
		growth in response to to	uch stimulus is		
97.			uch stimulus is		
97.	The	growth in response to to		s called as	
97.	The A)	growth in response to to Gravitropism	В)	s called as Phototropism	
97.	The A)	growth in response to to Gravitropism	B) D)	s called as Phototropism Chemotropism	
97.	The A)	growth in response to to Gravitropism Thigmotropism	B) D)	s called as Phototropism Chemotropism	
97.	The A) C) Wh	growth in response to to Gravitropism Thigmotropism at field of Science is the	B) D) Bragg's law re	Phototropism Chemotropism	

95. Which one of the following is not true about the structure of DNA?

- 99. What is India's share of the global species diversity?
 - A) 2%

B) 4%

C) 6%

- D) 8%
- 100. Plants that grow in water are called as Hydrophytes. What name is given to plants that grow in desert conditions?
 - A) Halophytes

B) Xerophytes

C) Mesophytes

D) Phaeophytes



2.5