TR/STCSPT/GS-I/TPSC/21

Four options are given against each of the following questions. Select the best/correct option from among the four options and encode in the answer sheet by using Black Ball Point only as per example given below:

Example: The wheel in our	National Flag has	
(A) 20 spokes	(B) 24 spokes	J
(C) 30 spokes	(D) 25 spokes	
Answer: (A) (C)	(D)	and the second of the second o
	SECTION - I	*
1. The name 'Sea of Tranquality	' is given to	
(A) Atlantic Ocean		
(B) An area in Mars	The special important	owners to the output see
(C) A water less area on Mo		Service Service Services
(D) Pacific Ocean		
0 T.		citaret minut seri juri e
2. Fill in the blanks with option		
Currently, has the larger of oil.	st reserves of oil, whi	ile is the largest producer
(A) Saudi Arabia, Venezuela	(B) Venezuela	a, Saudi Arabia
(C) Nigeria, Russia	(D) Russia, N	ligeria
3. Which of the following states	nents regarding the N	Nobel Peace Prize are correct?
(i) Switzerland-based Internation 3-time recipient of the No.		ne Red Cross (ICRC) is the only
(ii) Jean Henry Dunant and Fre	ederic Passy is joint red	cipient of first Nobel Peace Prize.
(iii) Nadia Murad Basee Taha i Peace Prize in the year 2		nan rights activist received Nobel
		rganisation for the Prohibition of from the codes given below:
(A) (i), (ii) and (iii) only		•
(c) (ii) (iii) and (iv) only	y (D) (i), (ii), (i	ii) and (iv) all are correct
1/TR/STCSPT/GS-I/TPSC/21/A-140	(3)	[Turn over

4.	Which of the following country does	not h	old veto po	ower in the UN Security Council
	(A) China	(B)	France	
	(C) Germany	(D)	Russia	
5.	are there in the European Union cu	ırrentl	у?	nuary, 2020. How many member
	(A) 25 (C) 27	-(B) (D)	26 ** 28	
6.	Who is the Padma Shree awardee from work in the field of literature and			ripura recognised for exceptional
	(A) Shri Tanga Darlong			
	(B) Shri Benichandra Jamatia			
	(C) Sri Somdev Kishore DevVarmar	, <i>†</i>		
	(D) Dr. Rathindra Dutta			
7.	Who is the founder and current CEC	O of	Amazon?	
	(A) Bill Gates	(B)	Larry Pag	e
	(C) Elon Musk	(B) .	Jeff Bezos	
8.	Saudi Arabia opened borders for tradi long hiatus of 3 decades?	ng w	ith which	of the following countries after
	(A) Iraq	(B) J	ordan	
\	(C) Yeman ((D) (Oman	
/TR	/STCSPT/GS-I/TPSC/21/A-140	(4)		

9.	In our world, currently the	ere are about _	peop	le.	
	(A) 6.8 billion	(B)	7.8 billio	on ,	
	(C) 8.8 billion	(D)	9.8 billio	on	
10.	Atma Nirbhar Bharat Abh which is equivalent to ho	iyan announced w much of Ind	economi	c package of R	s. 20 lakh crores
	(A) 5%	largacott to (B)	10%		Erino di
	(C) 7%	(D)	9%	the distriction	of the sa Pr
11.	Prime Minister Narendra Monday of — denomination to more Organisation.	lodi on October nark the 75th	anniversa	0 released a cory of the Food	mmemorative coin d and Agriculture
	(A) Rs. 50	√ (B)	Rs. 75	~	
	(C) Rs. 100	(D)	Rs. 200		
12.	'DakPay' app is a digital	payment app la	aunched b	ру	
	(A) Information and Broa	dcast Ministry			
	(B) National Payment Con	rporation of Inc	dia		
`	(C) India Post				
	(D) State Bank of India				
13.	Which of the following co (March, 2018-2020)?	mmercial banks	topped E	EASE 2.0 Banki	ng Reforms Index
	(A) Bank of Baroda	(B)	Punjab 1	National Bank	n x 1 x 1 x 3 .
	(C) State Bank of India	(D)	Canara 1	Bank	*
1/TR	/STCSPT/GS-I/TPSC/21/A-14	40 (5))		[Turn over

14. In which of the following States, max in India?	imum	Coast Guard Stations have been established
(A) Maharashtra	(B)	
(C) Gujarat	(D)	Andhra Pradesh
15. Which State's assembly passed a r January, 2020 ?		tion to abolish the Legislative Council in
(A) Telangana		West Bengal
(C) Andhra Pradesh	(D)	Maharashtra
16. The Raja Ampat Coral Reef is loca		n which country?
(A) India	(B)	Indonesia 🔸
→(C) Maldives	•	Sri Lanka
· · · · · · · · · · · · · · · · · · ·		
17. How many times India wins the "6	Crick	et World Cup Champion" title?
(A) One		Two
(e) Three	(D)	Four
		gramma A. Costano
18. India aims to achieve the 5 trillion	doll	ar economy target by
(A) 2022 A.D.	_(B)	2024 A.D.
(C) 2025 A.D.	(D)	2026 A.D.
19. Indian Navy launched 'Operation Vaccountries?	anilla'	in January 2020, in which of the following
(A) Sri Lanka	(B)	Maldives
(C) Madagascar	(D)	Oman
1/TR/STCSPT/GS-I/TPSC/21/A-140	((6)

20. Whe	ere is the "Hazur Sahib" G	urudwara,	one of the fiv	e Takht of Sikhis	m located?
JA)	Amritsar	(B)	Patna		
(C)	Nanded	(D)	Bhatinda	*	
21. Wh	ich company will launch L	ibra crypte	ocurrency in 2	021 ?	
(A)	Instagram	(B)	Google	~	
(C)	Microsoft	(D)	Facebook		
22. Wh	ich of the following is Inc	lia's first	Kisan Rail?		
(A)	Devlali-Danapur Kisan R	ail	(A.)		
(B)	Anantpur-Adarsh Nagar I	Kisan Rail	(I) ×		
JC)	Yashwantpur-Ajmer Kisan	n Rail			
(D)	Bhatinda-Bhopal Kisan R	Rail	In see		28. Passocious (A) 130 ² F
23. In	which region Hemis Gomp	oa is locat	ed in India?		
(A)	Sikkim	√ (B)) Ladakh	on harps at	
(C)	Gwalior	(D) Nagpur		
	ich of the following cities by Index 2020?	nas got top	position amor	ng Indian cities in	
(A)	New Delhi	(B) Mumbai	1	
(c)	Hyderabad	(E) Bengaluru		
1/TR/ST(CSPT/GS-I/TPSC/21/A-140		(7)		[Turn over

25. Which of the following man's Kathakali?	dances of Kerala was called by Jawahar	lal Nehru as Poor
(A) Chavittunatakom	(B) Kolkalli	
(C) Ottamthullal	(B) Kootiyattam	
26. Out of the given option	s, which is not an insert gas?	ration is the second
(A) Freon	(B) Argon	The part of the pa
(C) Neon	(D) Xenon	
27. What is the chemical na	me of backing soda?	
(A) Potassium Chloride	(B) Potassium Carbonate	
(C) Sodium Bicarbonate	(D) Sodium Chloride	
28. Pasturization of milk is d	lone at	
(A) 100°F	(B) 71°F	
(C) 110°F	(D) 161°F	grandustri i 🟗
29. 1 Nibble is equal to	Bar at Pares	1. A 1 5
(A) 8 Kilo Bytes	(B) 8 Bytes ⊀	Simple Control
(C) 4 Bytes	(D) 4 Bits	
30. What is the pH of human	blood?	
(A) 7	∠(B) 7·4	
(C) 0·7	(D) 6.8	ere er ja vida ja

(8)

1/TR/STCSPT/GS-I/TPSC/21/A-140

31. Wh	at is the device used to measure	the	diameters of stars?	
~(A)	Inter-ferometer	(B)	Seismometer	
(C)	Odometer	(D)	Pedometer	الفراد المراس
is	no among the following has imment often termed as 'Father of Fibre	Opti	cs'?	
(A)	Somender Singh Kapany		1307.	
(C)	Charles Chako	(D)	Narinder Singh Kapan	y many on 14.
	DESTITE, New DECK.		Pans	17) (S.P.NCL)
33. Wh	nich of the following mirror is u	sed t	by a dentist to examine	a small cavity?
√(A)	Concave mirror	(B)	Plane mirror	
(C)	Convex mirror	(D)	Combination of convex	(A) A Frencis w
34. Wł	nich of the following is part of	Natio	nal Health Mission of	India?
(A) PMAY	(B)	PMSMA	ere City all all eve
40	PMGSY	(D)		to summit M.1
35. Th	a instrument "Cryometer" is 1156	ed to	measure	
(A)	Low pressure of objects		ini atiyet A 1991, po	ig⊶ longelf (□,)
∠ (B)	Low temperature of objects			
(C)	Measuring the pH of tears of	eyes	MATERIA SERVICE	
(D)	Measuring the pH of body sw	veat		
				em over

(9)

Scanned with CamScanner

1/TR/STCSPT/GS-I/TPSC/21/A-140

36. The operating system "LINUX" stan	ds for
(A) Lovable Intellect Not Using XP	
(B) Loadable Intellect Not Using XI	•
(C) Learning of UNIX	*
(D) None of the above	
37. To combat the problem of fake printi notes, a security 'Bi-Fluorescent Golde (red and green) was recently discove	ng of passports and counterfeiting of currency on Ink' with dual emissive luminescent pigment red by
(A) CSIR-NCL, Pune	B) CSIR-NPL, New Delhi
(C) CSIR-NISTADS, New Delhi	D) CSIR-IICT, Hyderabad
38. The prefix "Nano" comes from	
(A) A French word means billion (B) A Spanish word means particle
(C) A Latin word means invisible (
39. In the ABO system, blood group 'O'	is characterized by the
(A) Presence of antigen O	
(B) Presence of both antigen A and a	antigen B
(C) Presence of antigen A and absence	ce of antigen B
(D) Absence of both antigen A and a	antigen B
•	
40. High protein diet is given to persons	suffering from
(A) Chirrhosis (I	3) Gout
(C) Tuberculosis (I	O) Jaundice
1/TR/STCSPT/GS-I/TPSC/21/A-140	(10)

11. Which of the following is not	a micro-nutrie	nt ?	
(A) Zinc	(B) Cale	cium	
(C) Boron	(D) Mo	lyddenum	
42. Nuclear energy is obtained by	the chemical	process	* * * * * * * * * * * * * * * * * * * *
(A) Fusion	(B) Fis	sion	
(e) Both of (A) and (B)	(D) No	one of them	1 N.
43. Melting temperature of DNA	s the tempera	ture at which	
(A) DNA melts completely	(B) 50°	% of the DNA is de	enatured
(C) 80% of the DNA is dena	tured (D) No	one of these	rail rykii (i -
44. Which of the following substate (A) Blood proteins		13.18 /AOI S 1 2/K j • M	
(C) Red Blood cells		Thite Blood cells	
45. The Sun's mass mainly consi	sts of		
(A) Hydrogen	« (В) н	elium 🗡	with its imple type?
(C) Carbon dioxide		ilicon	
46. Which of the following gas	nas highest co	entribution in Global	Warming ?
(A) Carbon dioxide		Chlorofluorocarbon	
(C) Nitrous oxide	(D) N	Methane	~
1/TR/STCSPT/GS-I/TPSC/21/A-140	(11)		[Turn over

47. The study of images of deities falls v	vithin a branch of art history called
(A) Pictography (I	3) Lithography
(C) Ichthyography (I) Iconography
48. 'We Think Digital' is a digital literation company?	acy program of which global technological
(A) Google (I	3) Facebook ⊀
(C) Apple (I	O) Amazon
49. Ambulatory monitoring of ECG is cal	led
(A) Event Cardiography (F	B) Holter Cardiography 🗡
(C) Implantable Cardiography (I	Real-Time Cardiography
50. Which vaccine is given soon after bir	th of an infant?
(A) Hepatitis B	Polio
(C) Varicella (I) Measles, mumps and rubella (MMR)
51. The sum of the face value and place	value of 7 in 343742 is
(A) 693 (B) 700
(C) 770 (E	707
52. The speed of a train is X km/hr. Its s	peed in m/sec will be
(A) 5X/18 · (B	8X/15
(C) X/18 (D) X/15
1/TR/STCSPT/GS-I/TPSC/21/A-140	12)

- 53. In an auditorium, seats were arranged in rows and columns. The number of rows was equal to the number of seats in each row. When the number of rows was doubled and the number of seats in each row was reduced by 10, the total number of seats increased by 300. Find the number of seats in the auditorium after rearrangement.
 - (A) 600

(B) 900

300

2 14 x 3t x 3lt x)

4+ (6+36)

(C) 1200

- (D) 1500
- 54. If $1^2 + 2^2 + 3^2 + ... + 20^2 = 2870$, then $2^2 + 4^2 + 6^2 + + 40^2 = ?$

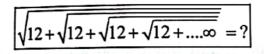


(B) 1148

(C) 12070

(D) 14035

55. Find the value of



(B) 4

(A) 3 (C) 6

- (D) 12
- 56. In a row 'A' is in the 11th position from the left and 'B' is in the 10th position from the right. If 'A' and 'B' interchange, then 'A' becomes 18th from the left. How many persons are there in the row other than 'A' and 'B'?
 - (A) 27

(B) 26

(C) 25

- (D) 24
- MILLIAN BUILLING
- 57. Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?
 - (A) 9

(B) 10

(C) 12

(D) 20

060 × 455

- 1/TR/STCSPT/GS-I/TPSC/21/A-140
- (13)

[Turn over

58. The difference between the inte two years is Rs. 2.50 and the	difference between their rates is
(A) 12%	(B) 15% 544 (S)
(C) 25%	difference between their rates is (B) 15% (D) 27% (D) 27% (D) 26 $\frac{36}{100}$ (D) 27% (D) 27% (E) 36 $\frac{36}{100}$
59. Find the number which is not	lying between 1/3 and 3/4
(A) 7/16 ²¹	(B) 13/24 ²⁶
(C) 9/32	(D) 31/48
60. If the radius of a circle is dim	ninished by 20%, the area is diminished by
(A) 25%	(B) 30% (25)
(C) 36%	(D) 40%
61. The difference between the simp for 3 years at 10% per annum is	Rs. 46.5. Then, which of the following is the sum
(A) Rs. 1,500	(B) Rs. 1,600 $1600(1+\frac{1}{18})$ $1600(1+\frac{1}{18})$ (D) Rs. 1,800 180 $1600(1+\frac{1}{18})$
(C) Rs. 1,700	(D) Rs. 1,800
62. The least number to be added to	to 87621 × 87627 to become perfect square is
(A) 6	(B) 9 $a(a+6)$ (D) 13 a^2+6a+9 $a^2+9\cdot 3\cdot 6$
(C) 11	(D) 13 $a^{2}+9.3.a$
63. Father's age is 4 times of his son his son's age. Then their current	n's age today. Five years hence, father will be thrick t ages be
(A) 60, 15	(B) 40, 10
(C) 20, 5	(D) 32, 8
1/TR/STCSPT/GS-I/TPSC/21/A-140	(14)

- 64. The ratio of the areas of a regular hexagon and a square having the same perimeter is
 - (A) 2√3:3

(B) $\sqrt{3}:2$

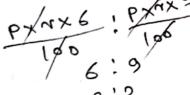
(C) 3√3:2

- (D) 3:2
- 65. The ratio of simple interest earned by certain amount of the same rate of interest for 6 years and that of 9 years is
 - (A) 1:3

(B) 1:4

(e) 2:3

(D) None of these



- 66. If the sum of 3 consecutive odd numbers is 51, the least of three is
 - (A) 9

√(B) 15

+ 19 + 19 5 1

(C) 17

- (D) 2
- 67. 380 mangoes are distributed among some boys and girls who are 85 in number. Each boy gets four mangoes and each girl gets five mangoes. the number of boys is
 - (A) 15

(B) 38

45 200

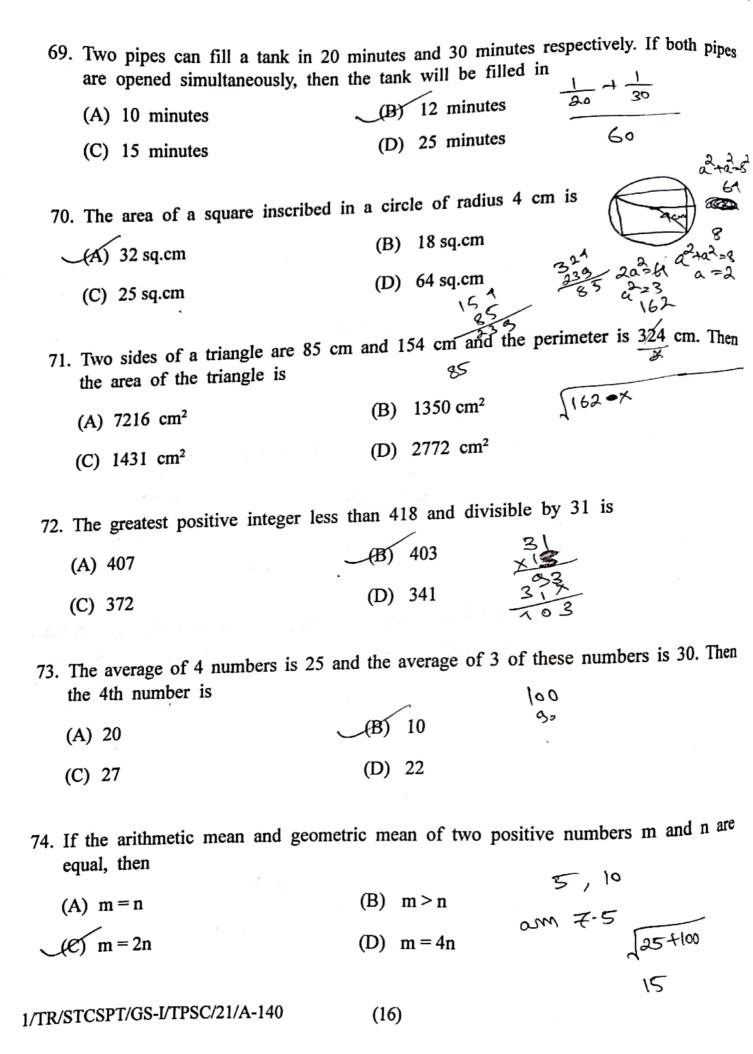
(C) 40

- (D) 45
- 68. Which among the numbers $2\sqrt{31}$, $3\sqrt{5}$, $5\sqrt{29}$ and $4\sqrt{3}$ is least?
 - (A) 5√29 5 ×5·

(B) $3\sqrt{5}$ 2.2×3

(C) $2\sqrt{31}$

(D) 4√3 1.73 xA



75.	If the 20% of 30% of 40% of a	a number	is 24, then the	he num	ber is	ad d	. <u>-</u> 2
	(A) 600	√(B)	1000	20 4	300	1000	
	(C) 500	(D)	250		24 x =	24000	
76.	Choose one word out of the giv	en alterna IONAL'.	atives, which	can not	be form	ed from	the
	(A) LATTER	~(B)	TERMINAL			- 424 - 1	
	(C) ORIENTAL	(D)	RATIONALE	E			,
77.	. Select the combination of numb	ers, so th	nat letters arran	nged ac	cordingly	will for	m a
	H L R A O C S				*		
	1 2 3 4 5 6 7	7					
	(A) 1, 2, 3, 4, 5, 6, 7	(B)	7, 6, 5, 1,	4, 2, 3			
	(C) 7, 6, 1, 5, 2, 4, 3 SCHOLAR	(D)	7, 6, 5, 1,	2, 4, 3			
7	8. Which letter will be in the mi from the right in the English		000110000			1 7	letter
	(A) K	(B) L 7	t g(KX7	KYY Y	
	Jes 1	(E)) O				
	79. In a certain code, 15789 is whow 23549 is written in that	ritten as code?	XTZAL and 2	2346 is	written a	s NPSU.	Then
	(A) NPTUL	(I	B) PNTSL				
	(C) NBTSL	-A	NPTSL				

(17)

1/TR/STCSPT/GS-I/TPSC/21/A-140

[Turn over

80. The missing number in the sequence

2, 3, 5, 7, (?), 13, 17, is:

(A) 8

(B) 9

Je) 11

(D) 12

0

81. If E = 5, PEN = 35, then PAGER is equal to

(A) 47

(B) 39

(C) 58

- (D) 67
- 82. In the following identify the correctly related word in '?' position.

Cattle: Herd:: Sheep:?

(A) Flock

(B) Swarm

(C) Shoal

- (D) Mob
- 83. 15 hours will be equal to



(A) 50,000 seconds

(B) 48,000 seconds

(C) 54,000 seconds

- (D) 60,000 seconds
- 84. Which of the following represent the same relationship as 'OFTEN' has with 'FOTNE'?
 - (A) HEART: TRAHE
- (B) OPENS: SNEOP

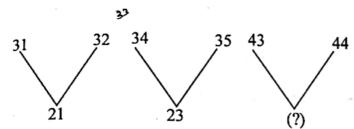
(Q) RISKY : IRSYK

(D) FIRST: IFRST

1/TR/STCSPT/GS-I/TPSC/21/A-140

(18)

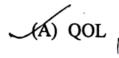
85. Find the missing number in the following figure in '?' position:



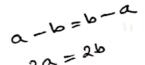


- (B) 29
- (D) 30
- 86. Find the missing term in the series

YEB, WFD, UHG, SKI, ?



(B) QGL



(C) TOL

- (D) QNL
- 87. If 'a' and 'b' are two non-zero numbers such that a b = b a then
 - (A) a = -b

(B) a = 2b

(C) b = 2a

- (b) a = b
- 88. Arrange the given words in a meaningful sequence and then choose the most appropriate sequence from the options
 - (1) Colonel
- (2) Major
- (3) Lieutenant General

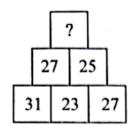
- (4) Captain
- (5) Lieutenant
- (A) (5), (4), (2), (1), (3)
- (B) (3), (4), (5), (2), (1)
- (C) (1), (2), (5), (3), (4)
- (5), (4), (2), (3), (1)

1/TR/STCSPT/GS-I/TPSC/21/A-140

(19)

[Turn over

89. Pointing to a man in a photograph, a in-law's father-in-law". How is the	woman says "He is the father of my only daughter. e man related to the woman?
(4) 7 4	(D) Brother
(C) Husband	(B) Brown Father-in-law
as a state of U IN IS U	re sitting around dinning table. K is the mother he brother of K and L is the husband of K. Then (B) Mother (D) Brother-in-law
91. If $x^2 + y^2 + z^2 = 0$ with x, y, z as re	
(A) Two numbers are negative and	
(B) Two numbers are positive and	
(C) All the three numbers are posi-	itive
(D) x = y = z = 0	
92. Total number of days in the year 2	2024 will be
	(B) 366 days
(C) 367 days	(D) 364 days
93. A 'light year' is the measurement of	of
(A) Time	(B) Distance
(C) Temperature	(D) Intensity of light
1/TR/STCSPT/GS-I/TPSC/21/A-140	(20)



(B) 25

(C) 27

- (D) 24
- 95. If a bucket contains apples, oranges and bananas in the ratio 3:5:7 and the total number of these three fruits is 45, then the total number of oranges is
 - (A) 30

(B) 25

- (D) 20
- 96. If a clock strikes once at 1 O'clock, twice of 2 O'clock etc., How many times will 2(1+2+3+...12) 33 45 40 1+2(+)+x2 it strike in 24 hours?
 - (A) 300

(B) 156

(C) 78

- (D) 136
- 97. If p, q, r, s and t are positive numbers and it is given that

$$p+q=r+s$$
, $q+s=2t$

$$s+t>p+q$$
 and $r+s>p+t$

then which of the following statement is true?

(A) s>p>q>t>r

(B) s>q>t>p>r

(C) p>q>r>s>t

(D) p>s>q>t>r

1/TR/STCSPT/GS-I/TPSC/21/A-140

(21)

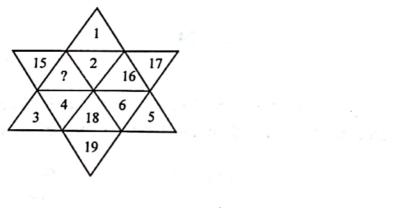
Turn over

- 98. If X is to the south of Y and Z is to the East of Y, in what direction is X with respect to Z?
 - (A) North-East

(B) North-West

(C) South-East

- (D) South West
- 99. Insert the missing number in '?' mark in the given figure



(A) 13

√(B) 14

(C) 20

- (D) 21
- 100. How many different letters are there in the word "MATHEMATICS"?
 - (A) 7

√(B) 8

(C) 9

- (D) 10
- MATHEICS

SECTION - II

101. Answe answer	er any five (5) questions out of and write in answer script f	the si	ix questions given below. Select the correct the options given below: $1 \times 5 = 5$		
Examp	le: The Independence Day i	n Ind	lia is celebrated on		
(a)	(a) the 15th August, every year,				
(b)	(b) the 26th January, every year				
(c)	(c) the 14th August every year				
(d) the 20th August every year					
Answer: (a) the 15th August of every year.					
(-)	w much amount of sulphur is sel?	pern	nissible in Bharat Stage (BS) IV petrol and		
(A)	40 ppm	(B)	50 ppm		
(C)	45 ppm	(D)	60 ppm		
(ii) Wh	ere the National Coral Reef	Res	earch Centre is located?		
(A)	Andaman and Nicobar Isla	nds			
(B)	Kachchh				
(C)	Thoothukudi (Tuticorin)		aporte Liquis a vicani i di li i i W (Vi)		
(D)	Lakshadweep				
(iii) Out of the following countries which country has the highest population density?					
(A)	Barbados	(B)	Malta		
(C)	Bahrain		Mauritius		
(iv) Ar	range the following gases in d WP):	escen	ding order of their Global Warming Potential		
	Sulfur Hexafluoride	(ii)	Nitrous Oxide		
(i)		(iv)	Methane		
) CFC	(B)	(iv), (ii), (iii), (i)		
) (i), (iii), (ii), (iv)		(iv), (iii), (ii), (i)		
(C)	(i), (ii), (iii), (iv)	(D)	[Turn over		
1/TR/STCSP	T/GS-I/TPSC/21/A-140	(2	(3)		

- (v) Which of the following pairs is correctly matched?
 - (A) Cartagena Protocol Biosafety to the convention on Biological Diversity
 - (B) Ramsar Convention Procedure for certain hazardous chemicals
 - (C) Vienna Convention Wetlands
 - (D) Bonn Convention Protection of ozone layer
- (vi) Aerobic degradation of organic matters by bacteria releases
 - (A) chlorine

- (B) hydrogen
- (C) hydrogen sulphide
- (D) carbon dioxide

Very short answer type questions:

- 102. Answer any five (5) questions out of six (6) questions (Each question carries 2 marks):
 - (i) Mention the main objective of Montreal Protocol.
 - (ii) What is the full form of SEIAA and SEAC as per Environment (Protection) Rules,
 - (iii) Write full form of BOD and define it.
 - (iv) Why is the energy pyramid always erect?
 - (v) Why does increase in atmospheric CO₂ concentration causes global warming?
 - (vi) Define 'Biomagnification'.

Short answer type questions:

- 103. Answer any two (2) questions out of three (3) questions. (Each question carries 5 5×2=10
 - (i) Write a short note on E-waste management rules enacted in 2016.
 - (ii) What is biogas? How is it produced? What are the barriers to increase the
 - (iii) Explain with examples the Mitigation and Adaption measures relating to climate change.

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2×5=10

SECTION - III

104. Answer any five (5) questions out of six (6) q	
Select the correct answer and write in answer	
Example: The Independence Day in India	1×5=5 is celebrated on
(a) the 15th August, every year,	
(b) the 26th January, every year	
(c) the 14th August every year	
(d) the 20th August every year	
 A DE SERVICIO DE PROPERTO DE LA PROPERTO DE LA CONTRACTORIO DEL CONTRACTORIO DEL CONTRACTORIO DE LA CONTRACTORIO D	
Answer: (a) the 15th August of every year	ır.
(i) State of Tripura is most vulnerable to	Sak 🖃 🚾 💮
(A) Flood (B) Ea	arthquake
(C) Cyclone (D) La	andslide
(ii) In which year the Disaster Management	t Act was promulgated in India?
(A) 2004 (B) 20	
(C) 2006 (D) 20	007
(iii) India has a Coast line of	
(A) 6256 km (B) 65	516 km
(C) 7516 km (D) 75	250 km
(iv) In which year the Bhopal Gas disaster	occurred?
(A) 1984 (B) 1	983
(C) 1985 (D) 1	986
I/TR/STCSPT/GS-I/TPSC/21/A-140 (25)	[Turn over

- (v) What is the wind speed of Super Cyclone as classified by IMD?

 (A) >220 km/hr

 (B) >250 km/hr
 - (C) >200 km/hr (D) 119-220 km/hr
 - (vi) Who is the Chairperson of NDMA?
 - (A) President of India (B) Pr
- (B) Prime Minister of India
 - (C) Union Home Minister (D) Union Defence Minister
- 105. Answer any five (5) questions out of six (6) questions (Each question carries 2 marks): 2×5=10
 - (i) Define magnitude and intensity of earthquake disaster.
 - (ii) What are four phases of disaster management cycle?
 - (iii) What is Rainwater Harvesting and Artificial Recharge to Groundwater? Name any two types of Groundwater Recharging structures.
 - (iv) Name any four structural and non-structural measures of Cyclone Risk Mitigation.
 - (v) What is vulnerability, in connection with climate change?
 - (vi) Explain Community Based Disaster Management.
- 106. Answer any two (2) questions out of three (3) questions (Each question carries 5 marks):
 - (i) Name the measures taken/to be taken in India to reduce the impact of Earthquake? What is seismic (Earthquake) retrofitting and how will it be useful?
 - (ii) What is Disaster Risk Reduction (DRR) and explain the Institutional Structure of Disaster Management in India.
 - (iii) Discuss the recent development in forecasting, warning and monitoring system during flood in India.