ROLL NO	

MAX TIME ALLOWED: 2H 30 MIN

PART-I

SECTION-I: ENGLISH

1. Read the passage given below and fill the correct option:

In the 16th century, an age of great marine and terrestrial exploration, Ferdinand Magellan led the first expedition to sail around the world. As a young Portuguese noble, he served the king of Portugal, but he became involved in the quagmire of political he served the king of Portugal, but he became involved from service by the intrigue at court and lost the king's favor. After he was dismissed from service by the king of Portugal, he offered to serve the future Emperor Charles V of Spain.

A papal decree of 1493 had assigned all land in the New World west of 50 degrees W longitude to Spain and all the land east of that line to Portugal. Magellan offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the East Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove that the Land Indies fell under Spanish authority. On September 20, offered to prove

One ship deserted while in this passage and returned to Spain, so fewer sailors were privileged to gaze at that first panorama of the Pacific Ocean. Those who remained crossed the meridian now known as the International Date Line in the early spring of 1521 after 98 days on the Pacific Ocean. During those long days at sea, many of Magellan's men died of starvation and disease.

Later, Magellan became involved in an insular conflict in the Philippines and was killed in a tribal battle. Only one ship and 17 sailors under the command of the Basque navigator Elcano survived to complete the westward journey to Spain and thus prove once and for all that the world is round, with no precipice at the edge

nav	be and for all that the world is rour	nd, with no precipice at the edge.
1.	The 16th century was an age	
	(a) Cosmic (c) Mental	(b) Land (d) Common Man
2. poli	Magellan lost the favor of the tical	e king of Portugal when he became involved in a
	(a) Entanglement (c) Negotiation	(b) Discussion (d) Problem

3. their west	The Pope divided New World lands between location on one side or the other of an imaginar of Greenwich that extends in a dire	y geographical line 50 degrees
	(a) North South (c) Easterly	(b) Crosswise (d) South East
4.	One of Magellan's ships explored the passage across the continent.	
	(a) Coastline (c) Physical Features	(b) Mountain Range (d) Islands
5.	Four of the ships sought a passage along a s	southern
	(a) Coast (c) Body of land with water on three sides	
II.	Find the correctly spelt word.	
6.	(a) Ocurance (c) Occurarnce	(b) Ocurrance (d) Occurrence
7.		(b) Agressive (d) Aggrissive
8.	(a) Muscullature (c) Mucuulature	(b) Musculauter (d) Musculature
9.	(a) Acidentially (c) Accidantelly	(b) Accidentally (d) Acidintally
10.	(a) Embarrass (c) Embbaras	(b) Embaras (d) Emberass
III. spee expr	In the following questions, a sentence hech. Out of the four alternatives sugges esses the same sentence in Direct/ Indirect	nas been given in Direct/ Indirect ted, select the one which best speech.
11.	"If you don't keep quiet I shall shoot you," she (a) She warned her calmly that she would sh (b) She said calmly that I shall shoot you if yo (c) She warned her calmly to shoot if she did (d) Calmly she warned her that be quiet or el	out her it she didn't keep quiet. Ou don't keep quiet.

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- The spectators said, "Bravo! Well played Virat." 12.
 - (a) The spectators called Virat bravo because he played well.
 - (b) The spectators said that Virat played well and applauded him.
 - (c) The spectators encouraged Virat saying he played well,
 - (d) The spectators applauded Virat, saying that he played well.
- The traveller enquired the potter if he could tell him the way to the nearest inn?" (a) The traveller said to the potter, "Where is the nearest inn?" 13.

 - (b) The traveller said to the potter, "Can you tell me the way to the nearest inn?"

 (c) The traveller said to the potter, "Which is the way to nearest inn?"
 - (d) The traveller said to the potter, "Can you tell me where is the nearest inn?"
- I said to my father, "Let us go to some restaurant for a change." 14.
 - (a) I asked my father to go to some restaurant for a change.
 - (b) I asked my father if he would go to some restaurant for a change.
 - (c) I permitted my father to go to some restaurant for a change.
 - (d) I suggested to my father that we should go to some restaurant for a change
- Sonya said, "Oh! I were a child again! 15.
 - (a) Sonya exclaimed with wonder that she were a child again,
 - (b) Sonya wondered that were she a child again.
 - (c) Sonya strongly wished that she had been a child again.
 - (d) Sonya prayed that she were a child again.
- A sentence has been given in Active voice. Choose the correct option which expresses the same sense in Passive voice. IV.
- Have the box broken. 16.
 - (a) Break the box.
 - (b) Get someone to break the box.
 - (c) Have the broken box.
 - (d) They have broken the box.
- The teacher taught a poem. 17.
 - (a) A poem was taught by the teacher.
 - (b) A poem was being taught by the teacher.
 - (c) A poem is being taught by the teacher.
 - (d) The poem was taught by the teacher.
- Who broke the window? 18.
 - (a) By whom had the window broken?
 - (b) By whom was the window broken?
 - (c) By whom was the window being broken?
 - (d) Whose window was broken?

19.	A stone struck me on (a) My head was stru (b) I had been struck (c) I was struck on th (d) I am struck by a struck	ck by a stone. by a stone on the he	ead.	
20.	People claim to have (a) The suspect is cla (b) The suspect was (c) The suspect has (d) The suspect is be	seen by people in se	seen in several cities	
V. mear	In the following on the given wor			est expresses the
21.	EFFIGY (a) Proxy (c) Boldness		(b) Profundity (d) Dummy	
22.	HOMOGENEOUS (a) Heterogeneous (c) Scrambled		(b) Motley (d) Similar	
23.	ANTITHESIS (a) Contradictory (c) Affinity	Service of the servic	(b) Harmon (d) Analogy	y
24.	HAPHAZARD (a) Unplanned (c) Disappointment		(b) Exceller (d) Despair	nt
25.	PRUDENT (a) Short sighted (c) Inconsiderate		(b) Wise (d) Injudicio	
VI.	Direction: Select	t the most appropri	ate determiner to f	
26.		_ ice cream left in the (b) Some	A CONTRACTOR OF THE CONTRACTOR	(d) Many
27.	l need(a) Many	_ money. (b) Several	(c) Some	(d) Any
28	We have not had (a) Much	(b) Some	s monsoon. (c) A little	(d) More

29.	people	think it is a difficult pr	roposition.			boen jobless
	(a) Much	(b) Several	(c) Less	(d) None of these	42. H	He has been jobless boiling.
30.	He has(a) Lot	knowledge of the lar	nguage. (c) Little			(a) Water
VII.	Select the correc		(c) Little	(d) Few	43.	The principal took h
VIII	ociect the correc	rterm.				A fair weather frie
31.	Person who does (a) Theist	not believe in the exis	tence of God. (c) Atheist	(d) Fanatic	44.	(a) Troubled
32.	A disease which s (a) Incurable	preads by contact. (b) Infectious	(c) Contagious	(d) Fatal	45.	(a) Blue
33.			(a) delliagiona	> (a) r a.u.	χ.	Read the follow
33.	A man who has lo	(b) Martyr	(c) Widower	(d) Bachelor		I have heard
34.	A doctor who trea	ts skin diseases.				I have heard w
	(a) Ophthalmolog	ist (b) Pediatrician	(c) Cardiologist	(d) Dermatologis	st	He never attached He goes to lie
35.	A lady who remai	ns unmarried.				and when the
	(a) Spinster	(b) Artist	(c) Misanthrope	(d) Bachelor		Shake branch The mynah le
VIII.	Choose the Ant	onym of the followin	a words.			Covers the fr
36.	Optimist					With her pro
30.	(a) Confiscate	(b) Pessimi	st (c) Prosec	cute (d) Beac	on	When any b
37.	Commonor			(4) 2040		The entire j
31.	Commoner (a) Foul	(b) Tidy	(c) Distra	ct (d) Noble	2	When the v
20	Chastia		(-) -:0,	(d) 110010	_	The silvery And if a ro
38.	Chaotic (a) Safe	(b) Disorga	nized (c) Calm	& orderly (d) Pale		Then on a
00	A.II.			(a) La		Squirrel, s I have hea
39.	Ally (a) West	(b) Bottom	(c) Ener	ny (d) Decli	ne	There is a
						In this my Even the
40.	Vacant (a) Thin	(b) Occupio	ed (c) Bott	om (d) Disto	ort -	(Translat
						46. The line
IX.	Complete each	Idiom				(a) The
41.	Once in a blue	we met each o	ther.			(b) The (c) The
	(a) Moon	(b) Sun	(c)	Stars (d) Sea		(d) The

been jobless

boiling. (a) Water (b) Pot (c) Food (d) Iviiii (a) Work (a) Work (b) Play (c) Food (d) Office (d) Office (d) Office				uaens	the
43. The principal took him to (b) Play (c) Task 44. A fair weather friend always tries to fish in waters of his friends. (d) Disturbed (e) Boiling 45. The thief was caught handed. (a) Blue (b) Orange (c) Pale (d) Red 46. The thief was caught handed. (a) Blue (b) Orange (c) Pale (d) Red 47. The thief was caught handed. (a) Blue (b) Orange (c) Pale (d) Red 48. Read the following Poem carefully and answer the questions that follow: 18. LAW OF THE JUNGLE 18. I have heard 18. There is a law of the jungle 18. I have heard when the lion has eaten his fill 48. He goes to lie under dense shady trees 48. And when the rough gusts 48. Shake branches of trees 48. The mynah leaving her own young 49. Covers the frail crow's eggs 49. With her protective wings. 18. I have heard 49. When any bird-young falls out of the nest 40. The silvery fishes adopt it as neighbour. 40. And if a rough storm breaks the foot-bridge. 40. The non a wooden plank 41. Squirrel, snake, goat and cheetah walk in a file. 42. I have heard 43. There is a law of the jungle O God All Powerful All Seeing All Wise 44. The silvery fishes adopt in a law, 45. Even the law of the jungle (Translated from the Urdu by Syeda Hameed) 46. The lion becomes lazy on full stomach 47. The lion does not attack an easy prey	42.	He has been jobless for seve	eral months and it is	his wife who keeps	(d) Milk
(a) Work (b) Play (c) Task (d) Disturbed (a) Troubled (b) Calm (c) Boiling (d) Red (e) Boiling (d) Red (a) Blue (a) Blue (b) Orange (c) Pale (c) Pale (d) Red (d) Red (e) Boiling (d) Red (e) Boiling (d) Red (e) Boiling (d) Red (e) Boiling (f) Red (g) Blue (g) Pale (g) Pale (g) Pale (g) Red (h) Red (h) Orange (h) Orange (h) Pale (h) Red (h) Red				(c) F003	
44. A fair weather friend always tries to fish in waters of his friends. (a) Troubled (b) Calm (c) Boiling 45. The thief was caught handed. (a) Blue (c) Pale (c) Pale X. Read the following Poem carefully and answer the questions that follow: LAW OF THE JUNGLE I have heard There is a law of the jungle I have heard when the lion has eaten his fill He never attacks He goes to lie under dense shady trees And when the rough gusts Shake branches of trees The mynah leaving her own young Covers the frail crow's eggs With her protective wings. I have heard When any bird-young falls out of the nest The entire jungle wakes to rescue.' I have heard When the weaver bird's nest reflects on the lake The silvery fishes adopt it as neighbour. And if a rough storm breaks the foot-bridge. Then on a wooden plank Squirrel, snake, goat and cheetah walk in a file. I have heard There is a law of the jungle O God! All Powerful! All Seeing! All Wise! Even the law of the jungle (Translated from the Urdu by Syeda Hameed) 46. The lineswhen the lion has eaten his fill!He never attacks' mean that. (b) The lion does not attack an easy prey	43.		(b) Play	(c) Task	
X. Read the following Poem carefully and answer the questions that follow: LAW OF THE JUNGLE I have heard There is a law of the jungle I have heard when the lion has eaten his fill He never attacks He goes to lie under dense shady trees And when the rough gusts Shake branches of trees The mynah leaving her own young Covers the frail crow's eggs With her protective wings. I have heard When any bird-young falls out of the nest The entire jungle wakes to rescue.' I have heard When the weaver bird's nest reflects on the lake The silvery fishes adopt it as neighbour. And if a rough storm breaks the foot-bridge. Then on a wooden plank Squirrel, snake, goat and cheetah walk in a file. I have heard There is a law of the jungle O God! All Powerful! All Seeing! All Wise! Even the law of the jungle (Translated from the Urdu by Syeda Hameed) 46. The lineswhen the lion has eaten his fill!He never attacks' mean that. (a) The lion becomes lazy on full stomach (b) The lion does not attack an easy prey	44.	A fair weather friend always	s tries to fish in	waters of his fr (c) Boiling	iends. (d) Disturbed
I have heard There is a law of the jungle I have heard when the lion has eaten his fill He never attacks He goes to lie under dense shady trees And when the rough gusts Shake branches of trees The mynah leaving her own young Covers the frail crow's eggs With her protective wings. I have heard When any bird-young falls out of the nest The entire jungle wakes to rescue.' I have heard When the weaver bird's nest reflects on the lake The silvery fishes adopt it as neighbour. And if a rough storm breaks the foot-bridge. Then on a wooden plank Squirrel, snake, goat and cheetah walk in a file. I have heard There is a law of the jungle O God! All Powerful! All Seeing! All Wise! Even the law of the jungle (Translated from the Urdu by Syeda Hameed) 46. The lineswhen the lion has eaten his fill!He never attacks' mean that. (b) The lion kills only to survive (c) The lion does not attack an easy prey	45.	(a) Diue	(b) Orange	(c) Pale	
I have heard There is a law of the jungle I have heard when the lion has eaten his fill He never attacks He goes to lie under dense shady trees And when the rough gusts Shake branches of trees The mynah leaving her own young Covers the frail crow's eggs With her protective wings. I have heard When any bird-young falls out of the nest The entire jungle wakes to rescue.' I have heard When the weaver bird's nest reflects on the lake The silvery fishes adopt it as neighbour. And if a rough storm breaks the foot-bridge. Then on a wooden plank Squirrel, snake, goat and cheetah walk in a file. I have heard There is a law of the jungle O God! All Powerful! All Seeing! All Wise! Even the law of the jungle (Translated from the Urdu by Syeda Hameed) 46. The lineswhen the lion has eaten his fill!He never attacks' mean that. (b) The lion kills only to survive (c) The lion does not attack an easy prey	X.	Read the following Deans		the questions	that follow:
(c) The lion does not attack an easy prey		I have heard There is a law of the jungle I have heard when the lion He never attacks He goes to lie under dense And when the rough gusts Shake branches of trees The mynah leaving her ow Covers the frail crow's egg With her protective wings. I have heard When any bird-young falls The entire jungle wakes to I have heard When the weaver bird's ne The silvery fishes adopt it And if a rough storm break Then on a wooden plank Squirrel, snake, goat and I have heard There is a law of the jungle In this my city Proclaim a Even the law of the jungle (Translated from the Urdu	has eaten his fill e shady trees n young s out of the nest rescue.' est reflects on the la as neighbour. s the foot-bridge. cheetah walk in a fil e O God! All Power law, by Syeda Hameed	ke e. ful! All Seeing! All V	Vise!
	46	(c) The lion does not attac	ck an easy prey		that.

- 47. When the Weaver-bird's nest hangs from a branch above a lake-
 - (a) The nest is destroyed
 - (b) The silvery fish of the lake attack it
 - (c) The silvery fish are friendly to it
 - (d) The nest falls to the lake
- 48. In case of a natural calamity, all the animals.
 - (a) Run helter-skelter
 - (b) Create confusion
 - (c) Protect/safeguard one another
 - (d) Take cover in other's home
- 49. 'Proclaim a law' means
 - (a) Make an announcement of a new law
 - (b) Break the law
 - (c) Change the law
 - (d) Destroy the city law
- 50. The poet prays to God for
 - (a) Turning the city into a jungle
 - (b) Making people more sympathetic and understanding
 - (c) Killing all animals
 - (d) Letting animals rule man

SECTION-II: HINDI

- (c) Killing all arithals
- (d) Letting animals rule man

SECTION-II: HINDI

'अंतर्यामी' शब्द में से उपसर्ग और मूल शब्द अलग कीजिए-51.

(a) अंतः+यामी

(b) अंतर्+यामी

(c) अंतर्या+मी

(d) अंत+यामी

'वह लड़की चतुर है।' रेखांकित में कौनसा विशेषण भेद आता है ?

(a) गुणवाचक

(b) संख्यावाचक

(c) परिमाणवाचक

(d) सार्वनामिक

'मृगलोचन' समस्तपद में कौन-सा समास है? 53.

(a) द्वंद्व समास

(b) कर्मधारय समास

(c) द्विगु समास

(d) अव्ययीभाव समास

सही वर्तनी पहचानिए-54.

(a) ओद्योगिक

(c) औदयोगिक

(b) औद्योगिक (d) औद्योगीक

(55.)	"वह आप ही आ गया" में सर्वनाम भेद बत (a) निश्चयवाचक (c) संबंधवाचक	ाइए— (b) प्रश्नवाचक (d) निजवाचक
56.	श ,ष ,स, ह व्यंजन वर्ग को क्या कहते हैं (a) ऊष्म (c) अंतःस्थ	(d) संयुक्त
57.	'सोहन दौड़ रहा है ।— रेखांकित क्रिया क (a) अकर्मक (c) द्विकर्मक	(a) प्रेरणार्थक
58.	'जुग—जुग जियो '। में वाक्य का प्रकार है (a) विधानवाचक (c) इच्छावाचक	(b) संकेतवाचक (d) आज्ञावाचक
59.	'तात' शब्द के लिए कौनसा शब्दार्थ अनुपर् (a) गरम (c) भाई	पुक्त है— (b) पिता (d) पूज्य
60 .	उत्पत्ति के आधार पर शब्द के कितने भेद (a) तीन (c) पॉच	होते हैं? (b) चार (d) छ:
61.	निम्नलिखित में कौन—सा भेद संज्ञा से संब (a) जातिवाचक (c) गुणवाचक	धित नहीं है? (b) व्यक्तिवाचक (d) भाववाचक
62.	'तपस्वी' शब्द का स्त्राीलिंग रूप होगा— (a) तपस्विनी (c) तपस्वैनी	(b) तपस्वनी (d) तपसी
63.	हवाई जहाज उड़ चुका था — रेखांकित ३ (a) सामान्य क्रिया (c) प्रेरणार्थक क्रिया	iश का क्रिया भेद कौन—सा है? (b) संयुक्त क्रिया (d) नाम धातु क्रिया

64.	'यथाशक्ति' का समास विग्रह होगा— (a) यथा और शक्ति (c) शक्ति के अनुसार	(b) यथा जैसी शक्ति (d) यथा में शक्ति
65.	रचना के आधार पर शब्द के भेद होते है (a) 2 (c) 4	(b) 3 (d) 5
66.	दो ध्वनियों के मेल को कहते हैं: (a) वर्ण (c) शब्द	(b) वाक्य (d)संधि
67.	निम्नांकित में दीर्घ संधि का उदाहरण है: (a) रमेश (c) नवौशिध	(b) पुराकाश (d) रवीश
68.	'खून पसीना एक करना' मुहावरे का अर्थ (a) अपनी इच्छा से कार्य करना (c) बहुत परिश्रम करना	है: (b) खून और पानी मिला देना (d) बहुत परिश्रम न करना
69.	किया विशेषण के भेद हैं: (a) 3 (c) 5	(b) 4 (d) 6
70.	अश्व का तद्भव रूप है: (a) घोटक (c) घोड़ा	(b) हय (d) घोड़ी
	SECTION-III: SOC	CIAL SCIENCE
71. of th		he most profound influence in the framin
72.	Edward Lutyens and design (a) James Mill (c) Herbert Baker	gned New Delhi and its buildings. (b) William Adams (d) Ripon

73.	What is Right to Equality? (a) Fundamental Right (c) Directive Principle of State Policy	(b) Judicial decision (d) Marginalisation				
74. and	The battle of Tarain (1191 AD) was fought between Muhammad Ghori					
a 110_	(a) Rana Sangha (c) Prithviraj Chauhan	(b) Rana Pratap (d) Rana Hammirdeva				
75. Is	Rows of trees planted in the coastal r	egions to check wind movement				
10	(a) Mulching (c) Intercropping	(b) Terrace Farming (d) Shelter belts				
76.	Which country is known as sugar bow (a) Cuba (c) India	vI of the world? (b) Brazil (d) USA				
77.	All adult citizens of a country have the (a) Fundamental Right (c) Universal Adult Franchise	right to vote.This is known as:- (b) Marginalisation (d) Directive Principle				
78.	What is known as "Golden Fibre"?					
	(a) Jute (c) Wheat	(b) Maize (d) Millets				
79.	Who wrote Vande Mataram? (a) Rabindranath Tagore (b) Bankim Chandra Chatterjee (c) Sarat Chandra Chattopadhyay (d) None of these					
80.	Battlefield of Plassey is situated at- (a) Punjab (c) West Bengal	(b) Haryana (d) Rajasthan				
81.	(a) Prime minister (c) Home minister	(b) Revenue minister (d) Foreign minister				
82 Inc	Which one of the following offices is h	eld during the pleasures of the President of				
	(a) Vice President (b) Chief Justice of India	(b) Governor of a State (d) Chairman of UPSC				

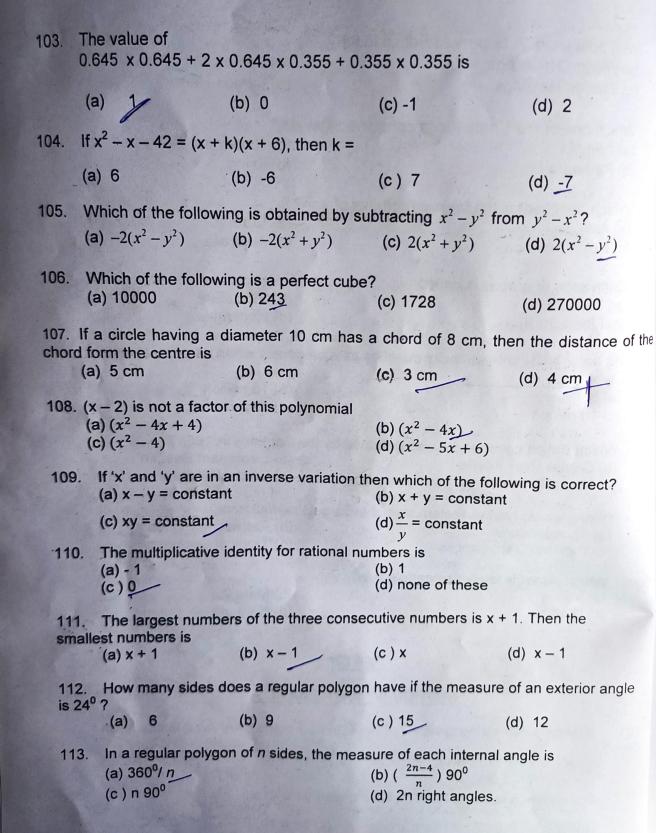
83.	The "great bath" has been discovered in- (a) Mohenjo-Daro (c) Harappa	(b) Lothal (d) Kalibangan	93.
84.	Who is chairman of Rajya Sabha? (a) Prime minister of India (c) President of India	(b) Vice president of India (d) None of these	94
85.	Who is the constitutional head of the state gove (a) Chief minister of the state (b) High court judge (c) Governor (d) Health minister of the state	ernments?	95
86.	The President of India can be removed from h (a) Prime minister (c) Lok Sabha	is office by the- (b) Chief justice of India (d) Parliament	(
87.	The layer of atmosphere which provides idea	al condition for flying of Jet Airpl	ane
is-	(a) Troposphere (c) Ionosphere	(b) Stratosphere (d) Exosphere	
88.	The meaning of word Bantai during medieval (a) Religion Tax (b) System of calculating revenue (c) Wealth Tax (d) Property Tax	period was?	
89. T	The Presidential government operates on the properties of the properties of powers between centre and state (b) Centralization of Powers (c) Balance of Powers (d) Separation of Powers		
90.	Which one of the following is not coal variety (a) Bituminous (c) Lignite	/? (b) Peat (d) Dolomite	
91.	In which of the following continents is Tanza (a) Europe (c) Africa	ania situated? (b) Asia (d) South America	
92.	Finance Bill of Indian Government is preser (a) Upper House (c) Lower House		

94.

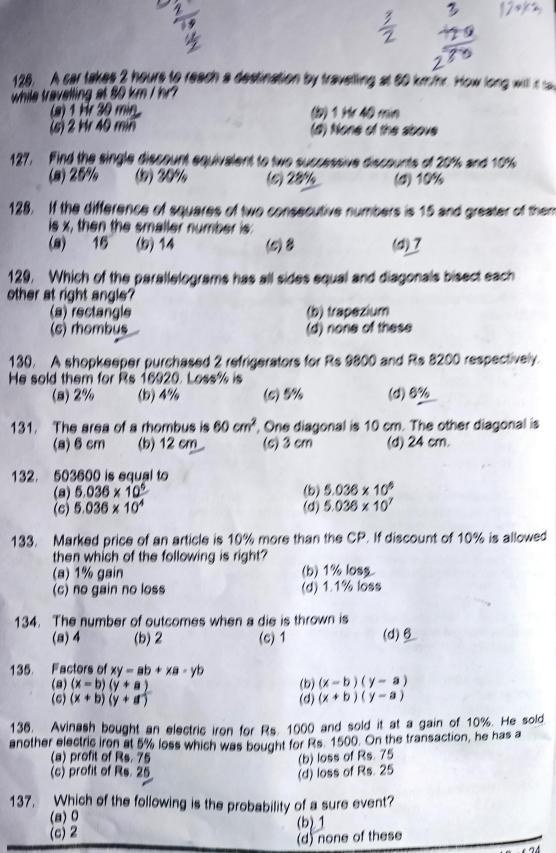
95

98

93.	Who published "A H (a) William Hawking (c) Warren Hastings	istory of British India"?	(b) James Mi	
94.	Which one of the Ch (a) Aditya (c) Rajendra	nola Kings conquered Ceylo	(b) Rajadhira	
95.	Which continent is the (a) Asia	he largest producer of iron?		
96.	(c) North America		(b) Europe (d) Australia	
90.	Cultivation of grapes (a) Sericulture	s is called-		
07	(c) Floriculture		(b) Viticulture (d) Horticulture	re
97. minim	As per the UN criter um of	ia, a city qualifies as a meg	ga city when its	s population is a
	(a) 5 million (c) 10 million		(b) 15 million (d) 12 million	_
98.	Which British comm (a) Captain Nek Fev (c) Major Burrough	ander was defeated by the ville	Santhals in 1	t Bastain
99.	During winter North- (a) Thunderstorm (c) Western Disturba	-Western part of India gets ances		g monsoon
100.	Which planet is known (a) Venus (c) Uranus	wn as earth's twin?	(b) Mars (d) Neptune	3×
		PART-II		Z
		SECTION-IV: MATHEM	ATICS	
101. them?	3 lambs finish eatin	g turnips in 8 days. In how	many days w	ill 2 lambs finish
	(a) 6	(b) 8 (c) 10)	(d) 12.
102.	The common factor	of 2a ² b ⁴ c ² , 8a ⁴ b ³ c ⁴ and 6a	$a^3b^4c^2$ is	
	(a) $2a^2b^3c^2$		$a^2b^3c^2$	(d) $a^4b^4c^4$



114.	If 'X' can finis	sh a work in 'n' da	ays then part of w	ork finished in 1 day is:	
	(a) 1 – n		$(b)^{\frac{1}{-}}$		
	(c) n – 1		(d) no	ne of these	
115.	Which of the (a) $x(1-15x)($ (c) $x(1-15x)($		(b) x(x	(x-15)(x+15)	
	(0) x(1-13x)((1-15x)	(d) $x(x)$	(x-15)(x-15)	
116.	How many na (a) 16	atural numbers lie (b) 17_	e between 8 ² and (c) 18	9 ² ? (d) 19	
117. perfec	Find the sma	allest number by w	hich the number	108 must be multiplied to d	obtain
		(b) 3	(c) 4	(d) 5	
118.	Saroj purcha (a) Rs 1000 (c) Rs 200	ised a fan for Rs 1	000 and sold it for (b) Rs 1 (d) Rs 8		it?
119.	Which of the (a) 1000 mill (c) 1 dm ³	following is equal ilitres	to 1 kilolitre? (b) 100 (d) 1000		
120.	Which of the (a) 12 cm ²	(b) 18 cm ²	(c) 10 cm ²	6 cm ² are joined end to end the cuboid so formed? (d) 8 cm ²	u, n+
121. fourth	(a) 16	(b) 18	(c) 32	f the larger number exceeds (d) 34	
122. proba				s drawn at random. What is	the
122	(a) 1/7	(b) 1/52		(d) 1/26	
123. num			umbers is 71 and o	ne number is x, then the other	r
	(a) 34		(c) 36	(d) 37	
124.	How old will (a) x + 20	l be after 10 years, (b) x- 20	if my age before 10 (c) x + 10	years was 'x' years? (d) x- 10	
125.	Which least n (a) 3	number should 648 be (b) 2	e multiplied to get a pe	erfect cube? (d) 18	



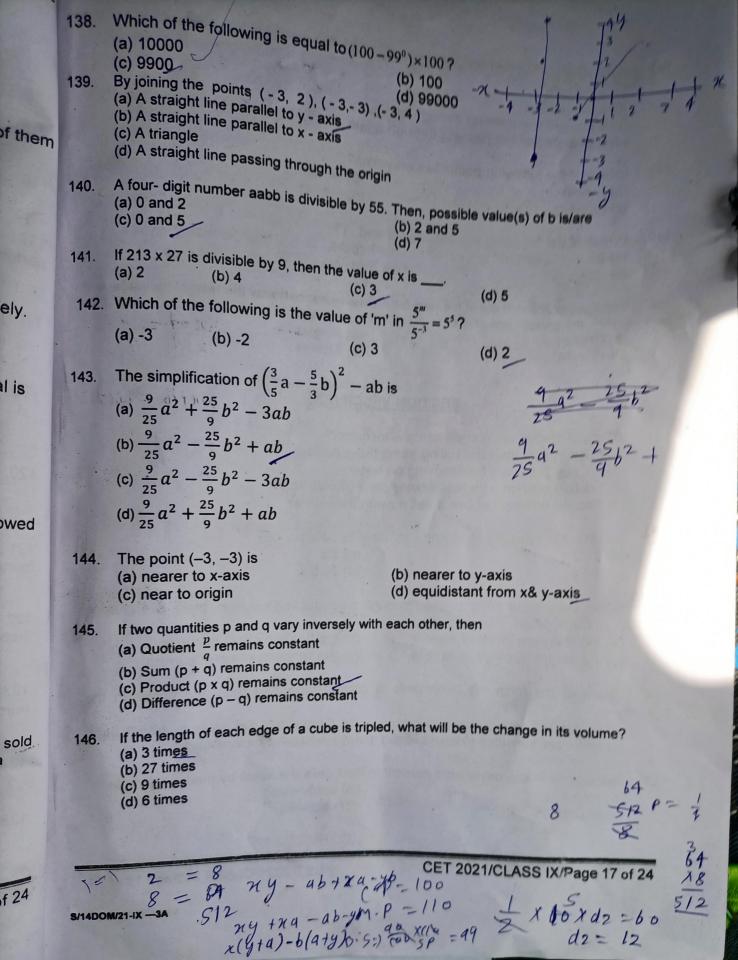
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C.P. 1500

5.P =



By joining (-1, -1), (0, 0) and (3, 3), we get (a) a triangle (b) a curved line (c) a straight line passing through origin (d) a straight line not passing through origin. Which of the following points lies on y-axis? 148. (b)(4,0)(a)(-4,0)(d)(-4,4)(c)(0,-4)Which of the following lies between 0 and -1? (a) 0 (d) 4/3(c) -2/3 The ages of A and B are in the ratio 5: 7. Four years from now the ratio of their ages will be 3: 4. Then the present age of B is $5x+4 = \frac{3}{4}$ (a) 20 years (b) 28years (c) 15years (d) 21 years SECTION-V: SCIENCE 20x+16 = 2/x+1 151. Which of the following statements is incorrect? (a) Friction acts on a ball rolling along the ground. $\kappa = 4$ (b) Friction acts on a boat moving on water. 7x=28 (c) Friction acts on a bicycle moving on a smooth road. (d) Friction does not act on a ball moving through air. An object is vibrating at 50 hertz. What is its time period? (b) 2 s (c) 0.2 s (d) 20.0 s153. When electric current is passed through a conducting solution, there is a change of colour of the solution. This indicates (a) the chemical effect of current. (b) the heating effect of current. (c) the magnetic effect of current. (d) the lightning effect of current. 154. Which of the following statements is correct regarding rods and cones in the (a) Cones are sensitive to dim light. (c) Rods are sensitive to bright light. (b) Cones are sensitive to bright light. (d) Rods can sense colour. Pathogenic micro-organisms present in host cells are killed by medicines called (d) vaccines

156.	The two micro-organisms which live in s (a) fungus and protozoa (c) bacteria and protozoa	ymbiotic association in lichens are (b) alga and bacteria (d) alga and fungus
157.	Which one of the following term is not a (a) ribosome (c) chromosome	part of the nucleus? (b) nucleolus (d) gene
158.	Given below are events that lead to pre (i) Fertilization of egg (ii) Maturation of egg (iii) Release of egg (iv) Embedding of embryo in thickened	Analysis far tarrain into the same of the
	Which of the following options gives th	e correct order of sequence in which they
	occur? (a) i, ii, iii, iv, (c) i, iv, ii, iii	(b) ii, i, iii, iv (d) ii, iii, i, iv.
159.	Which of the following is not a green ho (a) nitrogen gas (c) methane gas	ouse gas? (b) water vapour (d) carbon dioxide
160.	(a) iris (c) lens	(d) retina
	Streptomycin and Terramycin are the art (a) Bacteria (c) Algae	(d) Protozoa
	The following element is used for vulcar (a) Sulphur (c) Phosphorous	(d) Potassium
163 sho	Metal A dipped in a salt of metal B displays that: (a) A is more reactive than B (c) Both A and B are equally reactive	(b) B is more reactive than A (d) None of these
164	4. The organization that maintains Red Da (a) IUCN (c) WWF	ata Book is: (b) UNESCO (d) WHO
		Adonne e la communicación de la companiona della companiona de la companiona de la companiona della companio

165. The organelle that transports substance (a) Endoplasmic reticulum (c) Golgi bodies	es from one part of the cell to other (b) Mitochondria (d) Vacuole		
	a ii ii a last a well defined nuclous surrounded by a nuclear membrane		
called: (a) Objective (c) Prokaryotic	(b) Eukaryotic (d) None of these		
167. Nuclei of each human cell contains (a) 25 pairs (c) 23 pairs	of chromosomes (b) 20 pairs (d) 22 pairs		
168. Oviparous organisms give out: (a) Fertilized egg (c) Embryo	(b) Unfertilized egg (d) Baby		
169. The special shape of the body due to we is called: (a) Streamlined (c) Cuboidal	(b) Oblong (d) Spherical		
170. Loudness of sound is proportional to the (a) Amplitude of the vibration (c) Square root of amplitude	(b) Frequency (d) Square of amplitude		
171. Sound waves travel slowest in: (a) Solids (c) Gases	(b) Liquids (d) Vacuum		
172. If the gap in an electric circuit is filled w (a) Always flows (b) Never flows (c) Flows in some cases and not in oth (d) Flows only in case of distilled water	ers		
(c) Sodium chloride and starch	coloured writing. The materials used are (b) Potassium iodide and starch (d) Potassium iodide and turmeric		
174. On increasing the angle between Images (a) Increases (c) Does not change	(b) Decreases (d) Remains constant		
175. The impression of an image on retina (a) 1/10 th of a second (c) 1/16 th of a second	persists for (b) 1/15 th of a second (d) 1 second		

16. Ba (a) (c)	cilli are the bacteria that are Rod-shaped Curved-shaped	(b) Comma-shaped (d) Spiral	
11.	polycarbonate is used to make a) Compact discs c) Bottles	(b) Straws (d) Jars	
78.	In the sun, light and heat are produced by (a) Chemical reactions (c) Burning reactions	y (b) Nuclear reactions (d) Bunsen burner	
179.	The liquid material in the nucleus is (a) Chromosomes (c) Nucleoplasm	(b) Bacteria (d) Nucleolus	enternante Automotiva Sentinante
180.	If, I am 13 year old , I have gone around (a) never gone round the sun (b) 13 (c) 26 (d) shall go round the sun when I shall be		times.
181.	Kilogram weight is equal to (a) 98 N (c) 0.98 N	(b) 9.8 N (d) 0.098 N	
182 follo	A container is filled with water as sowing statements is correct about pressure	hown in the given figur of water?	re. Which of

(a) Pressure at A > Pressure at B > Pressure at C
(b) Pressure at A = Pressure at B = Pressure at C
(c) Pressure at A < Pressure at B > Pressure at C
(d) Pressure at A < Pressure at B < Pressure at C

the

183. A brick is kept in three different ways on a table as shown in given figure. The pressure exerted by the brick on the table will be B (a) Maximum in position A (b) Maximum in position B (c) Maximum in position C (d) Equal in all cases 184. A pendulum oscillates 20 times in 4 seconds. Find its time period. (a) 0.05 sec (b) 0.001 sec (c) 0.2 sec _ 391 (d) 0.1 sec 185. If two plane mirrors are inclined at an angle of 40°, number of images formed will (a) 7 (c) 9(d)5186. Two mirrors A and B are placed at right angles to each other. A ray of light incident on mirror A at an angle of 25° falls on mirror B after reflection. The angle of reflection for the ray reflected from mirror B would be (b) 50° (c) 65° (d) 115° 187. A spring balance is used for measuring (a) Mass (b) Weight (c) Pressure (d) Speed When the hammer strikes the gong of an electric bell, which of the following force is responsible for the movement of hammer? (a) Gravitational force alone (c) Electrostatic force alone (b) Magnetic force alone (d) Frictional force alone Name the type of mirror used as a back view mirror (c) convex mirror (b) convex mirror (d) any of these which of the following is not a luminous object (c) moon (b) candle To make a kaleidoscope we require (d) tube light (a) three plane mirrors (c) three glass sheets (b) four plane mirrors (d) four glass sheets

	when electrodes are immediate	
armed	on the negative terminal is actually (a) oxygen (c) hydrogen	ater and electricity passed , the bubble gas. (b) nitrogen (d) carbondioxide
193.	The voice box is also called as (a) mouth (c) larynx	(b) toungue (d) stomach
194.	The liquid material in the nucleus is (a) chromosome (c) nucleoplasm	(b) bacteria (d) nucleolus
195.	Which of the following cannot be recycl (a) Toys (c) Carry Bags	ed? (b) Cooker Handles (d) Plastic Chairs
196.		(b) significant value (d) internal energy
197	7. Which zone represents the partial com(a) Outer zone(c) Inner zone	bustion in candle (b) Middle zone (d) Lower zone
198	8. The hearing range of human ear is (a) 20 hz to 20,000Hz (c) more than 20,000 Hz	(b) less than 20 Hz (d) 20 Hz to 25, 000 Hz
19	9. A natural gas stored under high pressu (a) CNG (c) KLG	ure is called (b) LPG (d) PNP
20	On. The frequency of subsonic sound is (a) more than 20 HZ (c) less than 20 HZ	(b) 100 HZ (d) more than 20, 000 HZ
	******	*********
	40	0.645 X 0.645+2 X 0.645
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	100	