



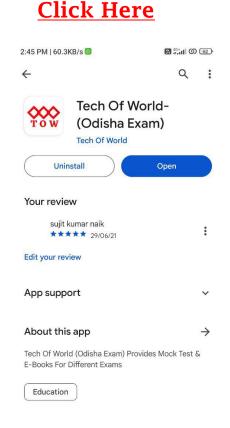


JT, RHT & Other Exams









8 46 mil (5) 67 mil Tech Of World ¾ inned Message 32,000_COMBO_ALL_ODISHA_PREVIOUS_YE... Tech Of World ଓଡ଼ିଶା Junior Teacher ପରୀକ୍ଷାରେ ଆପଣଙ୍କର . Mark କେତେ ରହିଲା ? (Full Mark-240) 8% 240-210 4% 210-180 9% 180-160 16% 160-130 16% 130-100 5% 100-70 2% 70-50 4% 50 ରୁ କମ 25% ମୁଁ ଏ ପରୀକ୍ଷା ଦେଇନାହିଁ ! 11% Poll Check! 1350 votes 🖊 14 👍 7 🔥 1 👸 1 🙀 1

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SEAL

Question Booklet No.

Question Booklet Series

C

Full marks-200

Roll Number of Candidate

407575

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Time-3 hrs

READ THE INSTRUCTIONS CAREFULLY BEFORE WRITING ANYTHING ON THIS BOOKLET

- 1. Please follow "Instructions to Candidate" already uploaded on the candidate portal.
- 2. Please strictly follow the instructions given by the invigilators and given on the Question Booklet.
- 3. Before commencing to write anything on this booklet ensure that booklet has 200 (Two Hundred) MCQs, that there is no misprint, over-printing and/or any other deficiency either in Question Booklet or in the OMR Answer sheet. If there is any defect, report the same to the invigilator forthwith and get the booklet changed. Only on being fully satisfied fill your details on the OMR Answer sheet. Once the Roll no. has been written on the OMR Answer Sheet, it will normally not be replaced.
- 4. There are 32 pages in this Question Booklet, out of which page no.1 is "General Instructions" and the last three pages are blank for rough work.
- 5. Candidate should mark his/her answer only on the OMR answer sheet, which is being provided separately.
- 6. Please use blue/black ball point pen ONLY for filling up the details and for marking your answers on the OMR Answer sheet.
- 7. Mark your answers with utmost care. You are not allowed to change the answer once marked, by adopting any method (including correction fluid, scratching etc).
- 8. Mark only one answer for each question. If more than one answer is given by you for any question, that answer will be treated as wrong.
- 9. One mark (1) will be awarded for each correct answer. There will be negative marking of 0.25 for each wrong answer. No marks will be awarded or deducted for unanswered questions.
- 10. Rough work may be done in the blank space in the Question Booklet. No other paper will be provided. Please note that it will be your responsibility to carefully hand over your OMR Answer sheet, admit card and copy of identity proof to the invigilator at the end of the examination. If your answer sheet is found missing you will be disqualified.









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- It is caused by a virus
- The disease spreads only after a long and close contact with the patient
- Its symptoms occur after more than one year of the entry of bacteria into the body
- All of the above

2. According to Earth Day Network, Earth Day is dedicated to

- Spreading awareness about the pollution caused by plastic
- Adherence to non-proliferation of radioactive materials
- Minimise carbon emissions
- D) Minimise the use of fossil fuels

3. Pangolins are

A) Armadillos

- Scaly anteaters
- C) Toothless anteaters
- D) Earth pigs

4. The tissue that is involved in the transport of food material in plants is called

A) Parenchyma

B) Phloem

C) Sclerenchyma

- D) **Xylem**
- 5. The percentage of oxygen in the exhaled air is
 - A) 0

B)

C) 12

- D)
- 6. Ebola disease is caused by
 - A) Bacteria

Virus

Fungus

- D) Not Known
- 7. Ct value in diagnosis of SARS-COV-2 virus indicates
 - A) Extent of chest infection indicating degree of lung damage
 - Number of threshold cycle in RT-PCR after which the virus can be detected
 - C) Type of COVID 19 virus
 - D) None of the above
- 8. Which of the following is not a source of calcium
 - A) Onion

B) Tomato

Spinach

- D) Brinjal
- 9. Which of the following won Nobel Prize for discovering Covid vaccine?
 - Narges Mohammadi
- Drew Weissman

C) Pierre Agostini

D) Jon Fosse









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									ha fallow	ing canr	ot be their
ê	10.	If i	mother's k	lood gro	up is B and	father	's is AB,	which of t	ne lollow		i ta ji
		cni	ia's blood	group?							
		A)	Α	angel et		В)	В	and the same			
		C)	AB			D)	0	spine of the	1 V 1 2 PT	rds-rok	100
	11.	Wh	en is Nati	onal Scie	nce day obs						
		A)	15 Januar	У	au Controlle	B)	1 Febr	uary	a ti citta i	91 3.75	
		C).	28 Februa	ry	particular.	D)	11 Ma	You destroyed	275	. ic the N	nan related
	12. /	A w	oman pres	ents a m	an as the so	on of th	e brothe	r of her mo	ther. How	is the i	, and
			he womar	1?			,				
		4)	Nephew			B)	Son	. 166	11 1/19	y to W	
		2)	Cousin			D)	Uncle		U - 25 k	m agair	turns left
1	.3. R	lash	nmita walk	s 10 km s	south from	her ho	use, turn	s left and v	walks 25 K	In which	direction
	a	na	waiks 40 i the office	cm, then from bor	turns right	and wa	ilks 5 km	to reach r	lei omice.	2 1	
					nouse:	01	Mortho	et al boul			9-17 Table
	C		East		THE CHILD			151		men.f	
1.		•			four childre		North	and in a lir	ne such th	at two (of them, A
1,			B are alwa								
	A)		5	ys togeti			12	नी तो त्याप			
	C)		18			D)	24	4)			
10	,			llad a dis	tance of 50	4		He covere	d a part o	of the di	stance on
. 13					per hour a						
					he travel or	The same of the sa	(1)				
-	A)	1	0 km			В)	20 km			Land 1	
	C)	3	0 km		2875	D)	40 km	C 20A2 to	8 E 1 XS15		
Read	WA .			nd conclu	isions in fol	lowing	question	s (Q. Nos.	16-20) care	efully an	d choose
the	corre	ect	option.	95 797 20	ा <u>श्ता</u> करात	A 100 A		ing the state of	endrin o		
		•	nent A : A						l lives.		
	Sta	ten	nent B : No	o snake is	a cat.					- 11	* * *
	Cor	nclu	sion I : No	rat is ca	t in the		511002				
	Cor	nclu	sion II : Al	l snakes a	are rats.			*			
	A)		nly conclus								
	B)	THE STATE OF THE S	nly conclus			9 7 16			comit edi		
	c)				I follows						
					or II follows						







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17. Statement A : All men are dogs.

Statement B : All dogs are cats.

Conclusion I: All men are cats.

Conclusion II: All cats are men.

- A) Only conclusion I follows
- B) Only conclusion II follows
- C) Either conclusion I or II follows
- D) Neither conclusion I nor II follows
- 18. Statement A: All good athletes win.

Statement B : All good athletes eat well.

Conclusion I: All those who eat well are good athletes.

Conclusion II: All those who win eat well.

- A) Only conclusion I follows
- B) Only conclusion II follows
- C) Either conclusion I or II follows
- D) Neither conclusion I nor II follows
- 19. Statement A: Many scooters are trucks.

Statement B: All trucks are trains.

Conclusion I: Some scooters are trains.

Conclusion II: No truck is a scooter.

- A) Only conclusion I follows
- B) Only conclusion II follows
- C) Either conclusion I or II follows
- D) Neither conclusion I nor II follows
- 20. Statement A: Some books are tables.

Statement B: Some tables are mirrors

Conclusion I: Some mirrors are books.

Conclusion II: No book is mirror.

- A) Only conclusion I follows
- B) Only conclusion II follows
- C) Either conclusion I or II follows
- D) Neither conclusion I nor II follows









In following questions (Q. Nos. 21-25), a statement has been given followed by two assumptions numbered I and II. Consider the statement and decide which of the given assumptions is implicit. Gi 11

uiiik	unibered I and II. Consider the state	tion II is implicit (C) if oith							
ive	ive answer (A) if only assumption I is implicit, (B) if only assump	otion it is implicit (c) it either lor							
is ir	is implicit and (D) if neither I or nor II is implicit.	fortaging in India							
21.	21. Statement : Even with the increase in the number of s	ugar factories in India, we still							
	continue to import sugar.								
	Assumption I : The consumption of sugar per capita has i	ncreased in India.							
	Assumption II: Many of the factories are not in a posi	tion to produce sugar to their							
	fullest capacity.								
	A) B)								
	C) D)								
22.	22. Statement: If you have any problems, bring them to me.								
	Assumption I : You have some problems.								
	Assumption II: I can solve any problem.								
	A) B)								
	C) D)								
23	23. Statement : Nobody can predict as to how long our coun	try would take to contain the							
	unfortunate and disastrous terrorist activities.								
	Assumption I: It is impossible to put an to terrorist activit	ies.							
	Assumption II: Efforts to control the terrorist activities are								
	A) B)								
	C) D)								
24.	24. Statement: Most people who stop smoking gain weight.								
	Assumption I: If one stops smoking, one will gain weight.								
	Assumption II: If one does not stop smoking, one will not	gain weight.							
	A) B)								
	C) D)								
25.	25. Statement: .Success is how much a person bounces up aft	er hitting the bottom.							
1	Assumption I : Success requires conscious efforts without b	eing discouraged by failure.							
	Assumption II: Failure cannot be considered an acceptable								
	A) B) ·								
	C) D)								
26.	26. Which of the following fractions is less than 1/3?								
	A) 22/63 B) 4/11								
	C) 15/46 D) 33/98								
27.	27. What fraction of 2 hours is 12 seconds?								
	A) 1/600 B) 1/12								

D) 1/300





C) 1/60





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28.				Samar by 25%, then by how much percentage
1	2.55	ar's income is less than that o	1	2004
	A)	25%		20%
-1,	C)	22.5%		12.5%
29,				is 20 years and the youngest member is 8 years ily at the birth time of the youngest member?
	A)	12 years	B)	15 years
	C)	18 years	D)	16 years
30.	The	average of six numbers is 12.	If each m	nember is increased by 2, the new average is
	A)	12	B)	8
	C)	14	D)	24
31.	The	ratio of Mona's and Priya's p	resent ag	e is 9: 10. After 4 years, the ratio of their ages
	bec	come 11: 12. What is Mona's p	present ag	ge?
	A)	18 yrs	В)	20 yrs
	C)	27 yrs	D)	None of the above
32.	. In (certain code, TOP is written as	SNO, the	en how is FREEZE coded?
	A)	EQDFYG	B)	ESDFYF
	C)	GQFDYE	D)	EQDDYD
33	. At	train is called bus, bus is called	tractor, t	ractor is called car, car is called scooter, scooter
	is	called bicycle, bicycle is called	moped, v	which is used to plough a field?
	A)	Train	B)	Bus
	C)	Tractor	D)	Car
34	. Ch	noose the word which is least l	ike the o	ther words in the group.
	A)	January	В)	May
	C)		D)	November .
35	. Ch	noose the group of letters which	ch is diffe	rent from others.
	A)	BCD	В)	KMN
	C)	QRS	D)	GHI
3	6. H	ousing Board built 100 flats. A p	painter is	engaged to serially number each flat individually
	fr	om 1 to 100. How many times	will he be	e required to write ONE?
	A) 21	В)	6
	C		D)	18
3	7. W	Vho is the present Chairman, R	ajya Sabh	
	Α) Harivansh Narayan Singh	В)	Jagdeep Dhankar
	C	C) Om Birla	D)	None of the above







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30	1A/h	o is Chairman of NITI Ayog?		AND THE LEWIS CO.	
30.	A)	Narendra Modi	B)	Suman Kumar Bary	
		Nirmala Sitharaman	D)	B. V. R. Subramanyam	
20	C)	o is the Chairman of ISRO?	,		
39.			в)	Dinesh Kumar Shukla	
	A)	Ajit Kumar Mohanty	D)	S. Somanath	
	C)	Samir V. Kamat		5.55///	
40.		ital of Israel is	B)	Jerusalem	artigues. A
21.0	A)	Gaza	D)	Beirut	MANAGEMENT OF THE STATE OF THE
	C)	Tel Aviv	,	Dell'ut	
41.		o is India's first woman fighte		M. Veeralakshmi	
	A)	Bhavna Kant	B)		*
	C)	Jyoti Sharma	(U	Ayesha Aziz	
42.	HEL	INA is a		D. Farres Sustam	*1
	A)	Fighter Aircraft	B)	Air Defense System	
	C)	Scorpene Submarine	D)	Ant-tank missile	
43.	Rafa	ale Fighter Aircraft is develope			
	A)	India	В)	France	naka di J
	C)	USA .	D)	Israel	
44.	Indi	a's first 3D printed post office	has bee		30 J 4 J 1 J 1 J 1 J 1 J 1 J 1 J 1 J 1 J 1
	A)	Mumbai	B)	Bengaluru	
	C)	Kolkata	D)	Guwahati	0
45.	Whi	ch of the following schemes h			aπspeople:
	A)	PM eBUS Sewa scheme		PM Vishwakarma scheme	
	C)	PM Karmakaar scheme		PM Learn and Earn scheme	
46.		ich of the following cities in	Mahara	ashtra is going to be renan	ned Chhatrapati
		bhajinagar?	υ/	Nachik	
	A)	Nagpur		Nashik	age at the contract of
	C)	Kolhapur		Aurangabad	Somit bac
		has been recently sworn-in a			ond time:
	A)	Manik Saha		Biplav Deb	16
	,	Manik Sarkar	,	Rattan Lal Nath	
		is the first woman speaker of		Nandini Satpathy	The state of
		Draupadi Murmu Pramila Mallick		layanti Pattnaik	to India
		Pramila iviallick	U) -	ayanti i attilaik	









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49.	Wh	no is	s the current President of U	kraine?	and the second	7 to a servery All				
	A)				Viktor Yanukovych					
	C)	Vo	1 1 2 2 2 2 2		Leonid Kuchma	No. of the second				
50.	W	hich	country topped the World I			sixth consecutive term?				
	A)		rael	В)	Finland					
	C)	Ire	eland	D)	Denmark					
51.	W	ho h	nas been recently elected as	the new	President of Vietnam?	Company of a				
	A)	Le	Duc Anh	B)	Tran Dai Quang	4				
	C)	V	Van Thuong	D) -	Vo thi Anh Suan					
52.	Which Indian Actor was named the National Ambassador of Child Rights by UNICEF?									
	A)	A	yushmann Khurrana	B)	Akshay Kumar	1 440 10				
	C)	S	alman Khan	D)	Rajkumar Rao	Property of				
53,	W	hich	country is the current Wo	rld Cham	pion in Women's footb	all?				
	A)	G	ermany	B)	England					
•	C)	F	rance	D)	Spain 106 at simula	A. Verelowing for				
54	. W	/hat	is the theme of Vigilance A	wareness	Week 2023?					
	A)) 11	ntegrity and Ethics			8. 10 B D				
	B)) S	ay no to corruption, commit	to the Nat	ion and home on a high o	and the district decided				
	C)) S	Stay Vigilant, Stay Honest		(F)	C 18				
	D))	nformation is Power	SINE		77 April 12				
55	. A	s of	2023, which cricket team is	the most	t successful in ODI World	d Cups? In tradial (1)				
*	A	.) 1	ndia	B)	Australia					
	C		England		South Africa					
56	1		th institution was tasked wi	th the pro	eparation of 'Vision Indi	a@2047' plan?				
1		. 10	NASSCOM	В)	7-0					
	С		RBL ASSESSED AND MEDICAL DESTRE	D)	Election Commission of	India				
5			refers to			18 2024 (92 12 2011				
			Air Quality Index		100					
			Accident Quantity Index		es elle i soos men grisere					
		100	Attitude Quality Index		and the state of the same	And the second second second				
-			Algorithm Quantum Index		amanata tha binth and	rice and the second				
			onal Unity Day is celebrated		Jawaharlal Nehru	rersary of which leader?				
		A) C)	Mahatma Gandhi Sardar Vallabhbhai Patel	B)	Dr. B. R. Ambedkar	Mark to M				
	•	~ <i> </i>	Jaiuai valiabilibilai ratei	D)	DI. D. N. AIIIDEUKAI					









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59	9. N	Naitree Super The	ermal Project is s	situate	d in which	country		
	Δ) India		B)	Nepal		18 (8 (1980) 74	
	C) Sri Lanka		D)		h	A. C. Marky .	
60). Ir	ndia procured S—4	100 air defence r	nissile	squadrons f	from which	h country?	
	Α			В)	Israel		11	
	С) Russia		D)	France			Section 14
61	. G	lobal Solar Facilit	y is associated w	ith w	hich bloc?	200	or been an	is of N do
	Α) G-7		B)	G- 20		5 10 30 1	
	С) ISA		D)	UNEA	16		
62	. w	hat is the full for	m of GPU?	a San	y and and	n all state		and of the
	Α	General Proces	sing Unit	1 (1)	OF CONTRACTOR	1.325		A CO
	B)	Ground Process	sing Unit		10 (T			ic i
	C)	Graphical Proce	essing Unit		e, trett	ngri Ar	r z y dnigos	at to
	D)				4			
63.	W	hich of the follov		racteri	stics of a cor	nputer?		
	A)		a test as		Accuracy		report one of	HE AL DE
	C)	Diligence		D)	I.Q.	57.77.1		1 1/4
64.	W	hich of the follow	ving is the smalle	st unit	of data in a	computer	r?ay in line	
	A)	Bit		B)	КВ		top-late ver	
	C)	Nibble	,	D)	Byte	·	1000	113
65.	W	hich of the follow	ing is designed t	o cont	rol the opera	ations of a	computer?	hora B
	A)	User		V	YY		1. 1.360	
	B)	Application Soft	ware				ansigh?	
	C)	System Software	e i sole la rece	incom?	ent filte et		roignificht ic	.i 40. 60
	D)	Utility Software						
66.		nich of the follow	ing devices prov	ides t	he communi	cation bet	ween a com	puter and
		e outer world?						
	A)	Compact		B) I			William W	
	C)	Drivers	8 (6 1 /425	
		ich of the followi	ng can access the	serve	r?		will our of.	
	A)	Web Client					or congre	
	B)							
	C)						Dank red	
	D)	Web Server				kal state had	Saids !	









68. Chat-GPT-4 is a

- A) Network model
- B) Large Language Model
- C) Language expression model
- D) Training data model

69. A plug and play storage device that simply plugs in the port of a computer is

A) Flash drive

B) Compact disk

C) Hard disk

D) CD

70. What does USB stand for?

- A) Universal Signal Board
- B) Universal Signal Bus
- c) Universal Serial Bus
 - D) Universal Serial Board

71. OSS stands for

- A) Open System Service
- B) Open Source Software
- C) Open System Software
- D) Open Synchronised Software

72. XML stands for

- A) Extension Made Language
- B) Extensible Markup Language
- C) Extensible Major Language
- D) Extensible Minor Language

73. An internet service that allows the user to move a file

A) FTP

B) Telnet

C) UseNet

D) Time Sharing

74. Any computer that can access the server is called

A) Web Server

B) Web Browser

C) User

D) Web Client

75. Apache is a type of

- A) Transmission Control Programme
- B) Web Server
- C) Web Browser
- D) DBMS









76. Which of the following is not a type of browser?

- A) Netscape
- B) Facebook
- C) Mozilla
- D) Chrome

77. ISP Stands for

- A) Intranet System Processing
- B) Internet Service Provider
- C) Intelligent System Processing
- D) Intranet Service Provider

78. A term for illusion of immersion by projecting stereo images on the walls and floor of a room

- A) CAVE
- B) BOOM
- C) GUI
- D) HMD

79. Who made the first animated film in 1906?

- A) Walt Disney
- B) J. Stuart Blackton
- C) William Horner
- D) J. A. Ferdinand Plateau

80. DVD is an example of

- A) Output device
- B) Hard disk
- C) Optical Disc
- D) Objective Disc

81. What is the process of dividing a disk into tracks and sectors?

- A) Crashing
- B) Tracking
- C) Formatting
- D) Dicing









82.	Which protocol	provides	e-mail	facility	among	different	hosts	?
-----	----------------	----------	--------	----------	-------	-----------	-------	---

- A) FTP
- B) SMTP
- C) TELNET
- D) SNMP

83. Graphical pictures that represent an object like file, folder etc are

- A) Task bar
- B) Windows
- C) Icons
- D) Desktop

84. Which was an early mainframe computer?

- A) UNIC
- B) FUNTRIA
- C) BRANIA
- D) ENIAC

85. A kilobyte also referred to as KB, is equal to

- A) 1000 bytes
- B) 1024 bytes
- c) 2048 bytes
- D) 512 bytes

86. The difference between the greatest number of five digits and smallest number of five digits obtained by using 0,1,2,3,4 all but once

hat or of arise in and

- A) 32976
- B) 32966
- C) 32906
- D) None of the above

87. A certain number when multiplied by 13, the product consists entirely of fives. The smallest such number is

- A) 42735
- B) 42375
- C) 42365
- D) None of the above









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88.	A number when	added to itself	4 times gives 75	as result. The number i	S
-----	---------------	-----------------	------------------	-------------------------	---

- A) 10
- B) 15
- C) 5
- D) None of the above

89. The least number which when divided by 9, 12, 16 and 30 leaves in each case a remainder 3

- A) 723
- B) 717
- C) 1443
- D) 1522

90. (6666.6 + 666.6 + 66.66 + 6.66 + .66) is

- A) 7201.7
- B) 7407.18
- C) 7307.18
- D) None of the above

91. One third of Rahul's marks in maths exceeds half of his marks in social studies by 30. If he got 240 marks in two subjects together. His marks in social studies is

- A) 40
- B) 60
- C) 80
- D) None of the above

92. Some men promised to do a job in 18 days but 6 of them became absent and remaining did the job in 20 days. The original number of men is

- A) 30
- B) 40
- C) 60
- D) None of the above

93. A garrison of 700 men has provision for 20 weeks. If at the end of 4 weeks they are reinforced by 700 men, how long will the provision last?

- A) 8 weeks
- B) 16 weeks
- C) 24 weeks
- D) None of the above









- 94. During one year the population of a town increased by 5% and during the next year it decreased by 5%. If at the end of second year the population was 35112, what was it at the beginning of the first year?
 - A) 35100
 - B) 35200
 - C) 35204
 - D) None of the above
- 95. If cost price of 20 articles is equal to selling price of 25 articles, the real gain/loss in %
 - A) Loss 20%
 - B) Loss 25%
 - c) Gain 20%
 - B) Gain 25%
- 96. A can do a piece of work in 12 days and with the help of his son, he is able to do in 8 days. How many days will the son alone take to finish the work?
 - A) 20 days
 - B) 24 days
 - C) 4 days
 - D) 8 days
- 97. In what ratio must water be mixed with milk so as to gain 35% by selling the mixture at cost price?
 - A) 7:20
 - B) 20:7
 - C) 7:13
 - D) None of the above
- 98. The average salary per head of the entire staff of an office including officer is Rs.80/-. The average salary of officers is Rs.480/- and of clerks is Rs.60/-. Given that the number of officers is 15, what is the number of clerks?
 - A) 400
 - B) 20
 - C) 120
 - D) 300









- 99. A, B and C invested Rs.5000/- in the ratio of 3:8:14. What should be the profit of B if the total profit is Rs.2500/-
 - A) Rs.800/-
 - B) Rs.1400/-
 - C) Rs.400/-
 - D) Rs.600/-
- 100. If a sum of money doubles itself in 6 years, how many years it will take to be 5 times?
 - A) 12 years
 - B) 24 years and an expension of the sale o
 - C) 10 years
 - D) 16 years
- 101. A boat moves down the stream at the rate of 20 km/h and it takes 12 minutes for it to move one km against it. What is the speed of the boat?

Mi. A can to a piece of work in 12 days at digital

or once shall the only line eyels entire work

- A) 6 km/h
- B) 7.5 km/h
- C) 9 km/h
- D) 10 km/h
- 102. A thief steals a bike at 9 am and drive at the rate of 20 km/h. The theft is discovered and police starts chasing him at 9.30 am in a jeep at the speed of 40 km/h. The thief will be caught at what time?
 - A) 10 am
 - B) 10.30 am
 - C) 11 am
 - D) 11.30 am
- 103. A rectangular plot of grass is 80m long and 60 m broad. From the centre of each side a path of 3 metre wide goes across the centre of the opposite side. What is the area of these paths?
 - A) 420 sqm
 - B) 411 sqm
 - C) 402 sqm a undoubset safety as to that arona out to been any years against out and
 - D) 404 sqm 10 100 cm / class to bee 100 and all arranged to year a species
- 104. The average of 5 quantities is 6. The average of 3 of them is 8. What is the average of the remaining two numbers?
 - A) 4
 - B) 5
 - C) 3
 - D) 3.5









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- 105. A train, 218 m long, travelling at 63 kmph can cross a platform in 32 seconds. If a man can cross the same platform in 3 minutes, what is the speed of the man (in m/sec)?
 - A) 1.8
 - B) 1.9
 - C) 2.3
 - D) 2.5
- 106. There are 5 consecutive odd numbers. If the difference between the square of the average of the first two odd numbers and square of the average of the last two odd numbers is 492, what is the smallest odd number?
 - A) 37
 - B) 42
 - C) 41
 - D) 35
- 107. The length of a ladder is exactly equal to the height of the wall it is leaning against. If the lower end of the ladder is kept on a stool of height 3 m and the stool is kept 9 m away from the wall, the upper end of the ladder coincides with the top of the wall. Then the height of the wall is
 - A) 15 m
 - B) 12 m
 - C) 18 m
 - D) 11 m
- 108. If three equal cubes are placed adjacently in a row, then the ratio of the total surface area of the new cuboid to that of the sum of the surface areas of the three cubes will be
 - A) 5:9
 - B) 1:3
 - C) 2:3
 - D) 7:9
- 109. If an angle of a triangle remain unchanged but each of its two including sides is doubled, then by what factor does the area get multiplied?
 - A) 2
 - B) 3
 - C) 4
 - D) 6









110. During Swadeshi Movement, which of the following had greatest success?

- Boycott of Government and educational institutions
- Development of Swadeshi industries
- C) Disobeying of unjust laws
- Boycott of foreign goods

111. Among the following, who was not a proponent of bhakti cult?

- Nagarjuna
- B) Tukaram
- C) Tyagaraja
- D) Vallabhacharya

112. Which was the first metal used by men?

- A) Copper
- B) Silver
- C) **Bronze**
- D) Gold

113. The inscription which proves Ashoka's sway over western India is

- Kalinga Rock Edict
- Girnar Rock Edict of Ashoka B)
- Junagarh Rock Edict of Rudradaman
- Shahbazgadhia Rock Edict of Ashoka

114. Who among the following was not a slave before he became a king?

- Ala-ud-din-Khalji A)
- Balban B)
- C) Qutub-ud-din Aibak
- Iltutmish D)

115. Of the following three invaders of India, the correct chronological order of their invasions is

- Mahmud Ghazni 1.
- **Nadir Shah** 2.
- 3. Changez Khan
 - A) 2, 3, 1
 - 1, 3, 2 B)
 - C) 1, 2, 3
 - D) 3, 2, 1









- 116. Who was the first and last woman ruler of Delhi?
 - A) Chand Bibi
 - B) Noor Jahan
 - C) Razia Sultan
 - D) Mumtaz Mahal
- 117. Rana Kumbha of Mewar built the famous 'Kirti Stambh' (Tower of victory) to commemorate his victory against
 - A) Gujarat
 - B) Marwar
 - c) Mewar
 - D) Malwa
- 118. Hampi is situated on the northern bank of
 - A) Tungabhadra

B) Godavari

c) Cauvery

- D) Krishna
- 119. Which of the following Rajput dynasties did not surrender to Akbar?
 - A) Parmar
 - B) Pratihara
 - C) Rathor
 - D) Sisidiya
- 120. The Mansabdari system introduced by Akbar was borrowed from the system in
 - A) Turkey
 - B) Persia
 - C) Afghanistan
 - D) Mangolia
- 121. Sikh Guru Arjun Dev was killed during the reign of
 - A) Humayuna
 - B) Akbar
 - C) Jahangir
 - D) Shah Jahan
- 122. The distribution of powers between the centre and the states in the Indian Constitution is based on the scheme provided in the
 - A) Morley-Minto Reforms, 1909
 - B) Montague-Chelmsford Act, 1919
 - C) Government of India Act, 1935
 - D) Indian Independence Act, 1947









ଓଡ଼ିଶାର ସମୟ ପୂର୍ବ ବର୍ଷର ପ୍ରଶ୍ନ ଉତ୍ତର ପାଇଁ

- 123. Which of the following statements is not true about the Quit India Movement of 1942?
 - A) It was a non-violent movement
 - B) It was led by Mahatma Gandhi
 - C) It was a spontaneous movement
 - D) It did not attract the labour class in general
- 124. In Bengal, the headquarters of East India Company were located at
 - A) Forts St. David
 - B) Fort William
 - C) Fort St. George
 - D) None of the above
- 125. The beginning of the British Political sway over India can be traced to the battle of
 - A) Buxar
 - B) Plassev
 - C) Wandiwash
 - D) Panipat
- 126. What is the correct chronological order of the formation of the following?
 - 1. Prarthana Samaj
 - 2. Ramakrishna Mission
 - 3. Theosophical Society
 - 4. Arya Samaj
 - A) 1, 3, 4, 2
 - B) 1, 4, 3, 2
 - C) 3, 2, 1, 4
 - D) 4, 2, 1, 3
- 127. Swaraj as a national demand was first made by
 - A) Chittaranjan Das
 - B) Jawaharlal Nehru
 - C) Dadabhai Naoroji
 - D) Bal Gangadhar Tilak
- 128. The only Annual Session of the Congress presided over by Mahatma Gandhi was
 - A) Kakinada, 1923
 - B) Belgaum, 1925
 - C) Karachi, 1931
 - D) Guwahati, 1926









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129.	The	peasants of Champaran w	vere bound	by law to	grow indigo o	n how much par	t of their
	land				B. C.		
	A)	1/40	В)	3/20	0.00		
	C)	4/40		5/30			
130.		o was the chairman of the	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1111		erway a rasin	en rock
	A)	Gaurishankar Rai			ti remitri, di		10
	B)	Madhusudan Das					
	C)	Hare Krishna Mahtaab	*				
	D)	None of the above				La Car	
121	13,1	ich was the first state to	ha farmad i	on a lingu	uictic basis?	At water galler	
131,		West Bengal			role l	Contact States	
	A)	Punjab		4	ya Pradesh		
122	C)		for luner o			o carth?	
132		no proved that the reason				e earth:	
	A)	Varahmihir					
	C)	Bhaskaracharya	D		nagupta		
133		hich is the holy book of B				i dana	
	A)				wat Gita	- Lispinet	
	C)) Saripu		the plante.	
13		ne Yogini temple of Odisha	has beauti	ful yogin	i images carved	from	
	A		3700	(0)-12		. Total	
	В	1		1 (1	77	set hats	
	C				The mysto	ri di managa di	
) Hametite	indivine			14.404	
13		which of the following wind					
) Westerlies					
	Е						
	(
) South-westerlies			*		
13	36.	Durand Line is boundary l					
		A) Pakistan and Afghanista					
		B) Boundary between Fran					
	(Boundary between Indi 	a and China				175









D) Boundary between India and Pakistan

ଓଡ଼ିଶାର ସମଞ ପୂର୍ବ ବର୍ଷର ପ୍ରଶ୍ ଭଭର ପାଇଁ

137.	Wh	ich river flows between the Satp	uras	s a	and the Vindhyas?	
	A)	Godavari	В)	Gandak	
	C)	Tapti	D)	Narmada	
138.	In v	vhich climatic region are Haryana	a an	d	Punjab included?	
ř	A)	Humid subtropical, with dry winte	rs		A A TO STORY OF THE STORY	
	B)	Steppe			glatter and the state of	
	C)	Tropical moist				
	D)	Tropical rainforest			(2.1 k)	entrol guille
139.	Wh	ere are iron ore mines located?			10	# Eb 110
	A)	Jaduguda, Singhbhum, Kudremukh	ı, Jha	ari	a	Mastro
	B)	Singhbhum, Bastar, Mayurbhanj, K	eon	jh	ar	
	C)	Neveli, Bastar, Jharia, Khetri	, P.	1		
	D)	Bhadravati, Barauni, Neyveli, Singl	hbhu	im	The telephone in the telephone	St. Stant S
140.	Vik	ram Sarabhai Space Centre (VSSC)	is I	00	cated at	
	A)	Thiruananthapuram	18			
	B)	Mumbai			the calculated to those th	
	C)	Bangalore	111		4	A 45
	D)	Mangalore				
141.	The	city of Paris is located on which i	river	В	ank?	31 37 m (21
	A)	Swan	B)		Seine	
	C)	Danube	D)	4	Liffy	or great
142.	7	ich country is known as the Etern				t in the second
K	A)	London	B)		New York	1 2 1 1 1 1 1
Mal a	C)	Rome 112 last que de qu'el la que				
143.		ich State is the largest producer o				
	A)	Jharkhand **	B)		Karnataka Bihar	
	C)	Odisha ch of the following city in India is	•			
144.					Pune Pune	
	A)	Medak Sriperumbudur			ucknow	
115	C)	length of India's coastline is abou	•			
143.	A)	5900 km	в)			
	C)	7000 km	D)		500 km	









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146.	Whi	ch of the following lati	tudes passes	thre	ough India?	edenti i sell'andro		
	A)	Equator	В)	Arctic Circle	"Town of the trade of	18	
•	C)	Tropic of Capricon	D) 7	Tropic of Cancer	and the state of		
147.	Dun	can Passage is situated	between			lar silta on		
	A)	Minicoy and Amindiv				mount has more	h.*	
	B)	Minicoy and Maldives				. ne bofecht zi igthodi		
	C)	Little Andaman and Car	Nicober			100		
	D)	South Andaman and Lit	tle Andaman				12	
148.	Wh	ich foreign country is c	losest to And	ama	an Islands?	19 7/97 5	ori	1
	A)	Sri Lanka	В)	Myanmar	Yerry		
	C)	Indonesia	C))	Pakistan	- Allender		
149	. Th	e Himalayan Mountain	system belon	gs t	o which one of	the following?	15	
	A)	Fold mountains		1	· M			
	B)	Volcanic mountains	All a long			to the effect shart attack		
	C)	Block mountains			The second of	Cobs Levillo D	ia.	
	D)	None of the above				V. (1.8)	1 9	
150	o. Th	e soil which is a mixtur	e of sand, clay	an	d silt is known a	es gaband		
	A)	Loamy soil	ı	3)	Sandy soil	Current .		
	C	Clayey soil	V : 1 (K)	D)	Desert soil	and or all the grade	II an	
15	1. W	hich one of the followi	ng pairs is co	rec	tly matched?	ं • कारावी वर्ष प्रकार		
	A	Teak – Jammu and Ka	shmir		VY	Maragamii Delik		
	В		desh			Sundarbins Beite		
	C					Cont Toval 15		
1	D				1900000			***
15		hich of the following is						
	А			B)	Rubber	Chlistagera		
	C			D)	Tea			
1		Which of the following is				hite is it stong planon		
	A							
1		C) MP Among the following sta	tes which on	D) e ha				357
1		Among the following sta	es, willen on	в)	Iharkhand	The second second	())	
		C) Karnataka		D)		recommendation		
	,	c) Karriataka		U)	Ouisiia			









- A) Himachal Pradesh
- B) Ladakh
- C) Arunachal
- D) Jammu and Kashmir
- 156. Usakothi is located in which district?
 - A) Jharsuguda

B) Bargarh

C) Mayurbhanj

- D) Sambalpur
- 157. India shares longest international boundary with
 - A) China

B) Nepal

C) Pakistan

- D) Bangladesh
- 158. Tropic of Cancer passes through which of these states?
 - A) Odisha

B) Tripura

C) Bihar

D) Punjab

The last section of the paper and appear to the con-

- 159. Satpura hills lie in which of the following states?
 - A) Madhya Pradesh
 - B) Bihar
 - C) Odisha
 - D) Gujarat
- 160. The largest delta in the world is
 - A) Gagetic Delta
 - B) Mahanandi Delta
 - C) Sundarbans Delta
 - D) Godavari Delta
- 161. The river Mahanadi rises from which one of the following states?
 - A) Madhya Pradesh
 - B) Chhatisgarh
 - C) Jharkhand
 - D) West Bengal
- 162. Economic growth is said to be intensive when:
 - A) More inputs are employed
 - B) There is an improvement in the quality of goods produced
 - C) There is an improvement in the way production is organised
 - D) Existing resources are used more efficiently









163. Consider the following statements regarding Indian Planning:

- The Second Five Year Plan emphasised on the establishment of heavy industries.
- The Third Five Year Plan introduced the concept of import substitution as a strategy for industrialisation.

Which of the statements given above is/are correct?

- 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

164. The National Family Health Survey of India is conducted by

- NITI Ayog
- B) International Institute for Population Sciences
- C) The World Bank
- Indian Council for Research on International Economic Relations (ICRIER)

165. Sunshine countries refer to those countries which

- A) Receive more than 8 hours of average sunshine
- B) Lie on the equator
- C) Lie between the Tropic of Cancer and Tropic of Capricorn
- D) None of the above

166. Which agency is responsible for the estimation of poverty in India?

- A) NITI Ayog
- B) Rural Development Ministry
- C) Ministry of Food and Civil Supplies
- D) Finance Commission

167. Under Pradhan Mantri Mudra Yojana, a start-up entrepreneur will be eligible for which category of loan?

- A) Kishore
- B) Tarun
- C) Shishu
- D) None of the above

168. What is Yellow Revolution?

- A) Increased production of milk
- B) Increased production of Apple in Himachal Pradesh and Jammu and Kashmir
- Development of fisheries and aquaculture
- D) Increased production of poultry

25 Page









- 169. Economic Survey in India is published officially every year by which of the following?
 - A) Reserve Bank of India
- B) NITI Ayog
 - C) Ministry of Finance, Government of India
 - D) Ministry of Industries, Government of India
- 170. Which one of the following determines bank lending rate?
 - A) Government of India
 - B) State Bank of India
 - C) Reserve Bank of India
 - D) The President of India
- 171. Which of the following is NOT a type of motion available to Members of Parliament to initiate a discussion on the matters of public importance?
 - A) Adjournment motion
 - B) Closure motion
 - C) No-Day-Yet-Named Motion
 - D) Condemnation Motion
- 172. Who is the appointing authority of State Election Commission?
 - A) Chief Election Commission of India
 - B) President of India
 - C) Chief Minister with approval of Cabinet
 - D) Governor
- 173. To whom does State Finance Commission submit its report on its study about financial status of Panchayats
 - A) Panchayati Raj Minister
 - B) Chief Minister
 - C) Speaker of Assembly
 - D) Governor
- 174. Panchayats in scheduled areas are not empowered to regulate which of the following matters?
 - A) The Sale and consumption of intoxicants
 - B) Ownership rights over major forest produce
 - C) Encroachment of tribal lands by outsiders
 - D) Prevent the higher levels of panchayat from taking over the powers of gram panchayats









175.	Cons	sider the following statements rega	irdi	ng parliamentary democracy.	
	1.	Freedom of choice to elect the rule	ers	real temperature and a second soft	
	2.	Freedom of speech and expression		4.5655 (4.565)	
	3.	Collective responsibility of the exec		ve to the legislature	
	Whi	ch of the statements given above a			
	A)	1 and 2 only		and the second s	
	B)	1 and 3 only		LO LO LO LA COLLABORATION OF THE PARTY OF TH	10.5
	C)	2 and 3 only		And the state of the state of	
	D)	1, 2 and 3			
176.	Whi	ich of the following writ secures pe	rsoı	nal freedom?	
	A)	` U - L C		Mandamus	
	C)	Certiorari	0)	Quo-warranto	127
177.	Indi	ia opted for a federal form of gover	nm	ent because of	
	A)	Vast territory	A	The same services of the	
	B)	Cultural integration		The second of th	
	C)	Linguistic and regional diversity	•	AND	
	D)	Administrative convenience		on on the particle is rectal.	
178.	Ind	lian Constitution recognises minoriti	es d	on the basis of	
	A)	Religion	В)	Caste	
	C)	Population	D)	colour	
179			≥ Vid	ce-President can act as President for a maxim	um
	pe	riod of		e VYY Set of	
	A)		B)	1 year	
	C)		D)	6 months	
180		nchayati Raj is included in	5 \	1987 P. 1	
	A)	A LOT TRANSPORT OF A LOT	B)	State List	
	C)	Concarrent List	D)	None of the above	
181		ho is the highest Law Officer of a Sta		Advocate General	
	A)	Account of Common Commo	10.50	Solicitor General	
4.00	C)	Law Secretary		an Constitution is derived from the constitut	tion
18		f which country?	luic	an constitution is derived from the constitution	
	A)		B)	UK	
	C	in the second	D)	Germany	
	100	The special and the second control of the se			









190. Why it is always easier to move a heavy object on rollers rather than to slide it?

- Gravitational force is stronger for sliding objects
- B) The air resistance is weaker when a heavy object is rolled
- C) Rolling friction is always less than the sliding friction
- D) None of the above









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191.	91. Who of the following postulated that mass can be converted into energy and energy can				
	be converted into mass?				
	A)	Newton	B)	Einstein	
	C)	Kepler	D)	Heisenberg	
192.	192. What is the value of "g" at surface of earth (acceleration due to gravity)?				
	A)	9 m/sec sq	B)	9.8 m/sec sq mail	
	C)	10 m/sec sq	D)	Can't be determined	
193.	3. Which among the following is a negatively charged particle?				
	A)	Neutron	B)	Positron	
	C)	Boson	D)	Electron	
194.	Fus	Fuse wire in a circuit has			
•	A)	Low resistance and low melting point			
	B)	High resistance and high melting point			
	(C)	High resistance and low melting point			
	D)	Low resistance and high melting point			
195	195. X-Rays were discovered by				
	A)	Rontgen	B)	Edison	
	C)	Einstein	D)	Newton	
196. Which of the following is used to measure the age of earth and old civilizations in					
		chaeology?		rach .	
	A)	Carbon Plating	B)	Carbon Dating	
	C)	Carbon Decay	' D)	Hydrocarbon analysis	
197. Which of the following is used to measure humidity in air?					
	A)	Hydrometer	B)	Humidifier	
<	C)	Hygrometer	D)	Manometer	
198. A sliced apple, when exposed to air, turns brown after some time as it contains?					
	A)	Magnesium	В)	Potassium	
	C	Calcium	D)	Iron -	
199. How many elements are there in nature as per latest periodic table?					
	Α) 107	В)	110	
	C) 115	D)	118	
200. Which of the following is not an Aluminium ore?					
	P	A) Haematite	B)	Bauxite	
	(C) Corundum	. D)	Kryolite	







