PUNJAB PUBLIC SERVICE COMMISSION

Objective Type Test (Feb-2022) for Recruitment to the post of Analyst in the Department of Home Affairs & Justice, Government of Punjab

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Total Questions: 120 Time Allowed: 2 Hours

Candidate's Name	Question
Father's Name	Booklet Set
Date of Birth	
DD MM YYYY	
OMR Response Sheet No.	
Roll No	Booklet Series No.
Holl No.	
Candidate's Signature (Please sign in the box)	

INSTRUCTIONS

- The candidate shall NOT open this booklet till the time told to do so by the Invigilation Staff. However, in the meantime, the
 candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL
 letters. The candidate may also fill the relevant boxes out of 1 to 9 of the Optical Mark Reader (OMR) response sheet,
 supplied separately
- 2. Use only blue or black **ball point pen** to fill the relevant columns on this page as well as in OMR sheet. Use of lnk pen or any other pen is not allowed.
- 3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible or incomplete.
- 4. Each candidate is required to attempt 120 questions in 120 minutes, except for orthopedically/visually impaired candidates, who would be given 40 extra minutes, for marking correct responses on the OMR sheet.
- 5. The question paper booklet has 19 pages.
- 6. The candidates, <u>when allowed to open</u> the question paper booklet, <u>must first check the entire booklet</u> to confirm that the booklet has complete number of pages, the pages printed correctly and there are no blank pages. In case there is any such error in the question paper booklet then the candidate should IMMEDIATELY bring this fact to the notice of the Invigilation Staff and obtain a new booklet of the same series as given earlier.
- 7. The serial number of the new Question booklet if issued for some reason should be entered in the relevant column of the OMR. The Invigilation Staff must make necessary corrections in their record regarding the change in the serial no. of Question booklet.
- 8. The paper consists of total 480 Marks. Each question shall carry 4 marks. There are four options for each question and the candidate has to mark the MOST APPROPRIATE answer on the OMR response sheet.
- 9. There is negative marking (one mark for each question) for answers wrongly answered by the candidate.
- 10. Use of Electronic/Manual Calculator is prohibited.
- 11. The candidate <u>MUST READ INSTRUCTIONS BEHIND THE OMR SHEET</u> before answering the Questions and check that two carbon copies attached to the OMR sheet are intact.

Section-I

e Confederacy of Mir Qasim. onfederacy of Mir Qasim. ond the Confederacy of Mir Qasim.						
nd the Confederacy of Mir Oasim.						
nd Mir Jafar.						
reference to the Indian Rebellion of 1857						
I ahal						
a) It comes from the word Mahalla						
b) It stood for Dual Government						
c) The system derives its name from the word <i>mahal</i> which means a estate or a village						
f a village						
sh Rule in India?						
b) Dadabhai Naoroji						
d) Bipan Chandra						
ch of the following statements is/are correct	?					
1) He believed that English education would open the gates of the liberal thought of the English in India.						
2) He sponsored the opening of the Hindu College and fought for the freedom of press						
c) 3 and 4						
ys for the first time in India?						
b) Lord Hastings						
d) Lord Ripon						
	and the Confederacy of Mir Qasim. Ind Mir Jafar. reference to the Indian Rebellion of 1857 Mahal word mahal which means a estate or a village of a village sh Rule in India? b) Dadabhai Naoroji d) Bipan Chandra ch of the following statements is/are correct of open the gates of the liberal thought of the light of the freedom of press of man y c) 3 and 4 d) 1 and 3 tys for the first time in India? b) Lord Hastings					

7.	Which Cultur	one of these animale?	s wa	as not represented o	n the	seals and terracotta	art o	f Harappan
		Unicorn	b)	Tiger	c)	Cow	d)	Rhinoceros
8.	The fa	mous drama, 'Mudra	ırak	shasa' was written b	y			
	a)	Malayakethu	b)	Visakhadatta	c)	Kautilya	d)	Chanakya
9.	The A	llahabad pillar inscri	ptio	n was composed by	?			
	a)	Meghavarma	b)	Harisena	c)	Rudradeva	d)	Ravikirti
10.	Which	Governor General b	rou	ght Civil Services in	ito ex	istence in India?		
	a)	Lord Cornwallis			b)	Lord Wellesley		
	c)	Lord William Benti	ng		d)	Lord Sailles Bury		
11.	In 192	2, who organized the	e Sw	araj party along wit	h CR	Das?		
	a)	Rabindra Nath Tage	ore		b)	Motilal Nehru		
	c)	Subash Chandra Bo	se		d)	Madan Mohan Mal	aviya	a
12.	Whom	n did Ahmed Shah A	bdal	i defeat in 1752 to o	ccup	y Lahore?		
	a)	Muin ul Mulk			b)	Safdar Jung		
	c)	Shah Nawaz Khan			d)	Yahiya Khan		
13.	A pure	ely Indian concern fo	und	ed in 1895 was:				
	a)	Bank of Punjab			b)	Punjab Insurance C	comp	any
	c)	Punjab National Ba	nk		d)	People's Bank		
14.	Amrita receive	a Pritam received n e:	nany	awards for her w	riting	gs. Identify the awa	urd s	he did not
	a)	Sahitya Academy A	wai	rd	b)	Padma Shri		
	c)	Booker Prize for Li	tera	ture	d)	Jnanpith Award		
15.	At whi	ich place is Baba Bar	nda	Singh Bahadur War	Men	norial located?		
	a)	Chappar Chiri			b)	Sarhind		
	c)	Kartarpur			d)	Samana		
16.	Who a	mong the following	wro	te "Pagri Sambhal J	atta"			
	a)	Ajit Singh			b)	Bhagat Singh		
	c)	Banke Dayal			d)	None of the above		

17.	Which of the following is a world famous beach for the 'Arribada' (arrival) of Olive Turtles in India?							
	a) Gahirmatha,	Orissa	b)	Marina Beach	, Chennai			
	c) Gulf of Kutch	, Gujarat	d)	Kovalam Bea	ch, Kerala			
18.	Which of the followi	ng has been linked to ex	cessive UV	'-B exposure?				
	a) Skin cancer		b)	Ricketts				
	c) Multiple scler	rosis	d)	All of the abo	ve			
19.	Common indicator or	ganism of water pollution	on is:					
	a) Entamoeba hi	stolytica	b)	Escherichia co	oli			
	c) Eichhornia cr	assipes	d)	Lemna paucio	ostata			
20.	Trichoderma harzian	um has proved a useful	microorgan	ism for:				
	a) Reclamation of wastelands							
	b) Bioremediation of contaminated soils							
	c) Biological control of soil-borne plant pathogens							
	d) Gene transfer in higher plants							
21.	What is the name of loss may result in eco	a species that is highly osystem collapse?	connected	to the entire	food web and whose			
	a) Limiting spec	ies	b)	Keystone spec	cies			
	c) Vital species		d)	Top species				
22.	The metal which is generally absorbed by plants along with Zn and causes "Ouch Ouch" disease in human beings is							
	a) Pb	b) Cd	c)	Hg	d) Cr			
23.	Silviculture is the ma	nagement of						
	a) Rivers	b) Lakes	c)	Hills	d) Forests			
24.	Where is water stored	l in baobab tree?						
	a) Fruit		b)	Trunk having	a spongy layer			
	c) Leaves		d)	Flowers				
25.	"Bermuda grass alle	gy" is a type of						
	a) Air-borne alle	ergy	b)	Contact allerg	y			
	c) Hydro-borne	allergy	d)	Soil-borne all	ergy			

26.	Consider the following Statements: Statement I: Graphene is a single thin layer 2D film Statement II: Carbon nanotube is a thin film rolled like a 3D tube or cylinder							
	Which of the above stater a) Only II c) Neither I nor II	ment(s) is/are correct?	b) d)	Only I Both I and II				
27.	What is the name of the e a) Dubnium c) Kwichatovium	element with atomic num	b)	5? Holmium Nobelium				
28.	 The molecular mass of a g a) Twice of its vapou b) Equal to its vapou c) Half of its vapour d) Not associated with 	ur pressure or pressure pressure						
29.	The orbital angular mome a) $\frac{h}{\sqrt{2\pi}}$ c) $\sqrt{\frac{3h}{2\pi}}$	entum of a P-electron is g		$ \frac{\sqrt{3} \frac{h}{2\pi}}{\sqrt{6} \frac{h}{2\pi}} $				
30.	The chemical composition copper is – a) CuO + FeS	- · · · · · · · · · · · · · · · · · · ·	_	melting process in th $CuFcS_2$		traction of $Cu_2S + FeO$		
31.	Vitamin B ₁₂ contains – a) Co	b) Mn	c)	Mg	d)	Fe		
32.	Consider the following Defence Research and De	evelopment Organisation	(DRD	O):	st fir	red by the		
 It is India's first surface-to-surface conventional q The missile was tested from the Dr A.P.J. Abdul I It is a 150-500 km short-range and is a surfacapacity of 100-500 kg. 				m Island off the coas				
	Which of the statementsa) 1 and 3 onlyc) 2 and 3 only	given above is/are correc	b)	1 and 2 only 1,2 and 3				

33.	The re	lation between algae	and fungi in lichen is			
	a)	Symbiosis		b)	Parasitism	
	c)	Commenalism		d)	Protocooperation	
34.	Glyco	lysis process occurs i	n which part of the cel	1?		
	a)	Cytoplasm	b) Nucleus	c)	Mitochondria	d) Chloroplast
35.	Dark g	green colouration in l	eaves is caused due to	deficie	ency of which miner	ral?
	a)	Calcium	b) Phosphorus	c)	Nitrogen	d) Potassium
36.	Which age?	is the major cause o	f nutritional blindness	in chi	ldren usually betwee	en 1 - 3 years of
	a)	Scurvy		b)	Keratomalacia	
	c)	Aneamia		d)	Dandruff	
37.	Leadir	ng cause of Diarrheal	disease			
	a)	Enterotoxigenic Esc	cherichia coli	b)	Salmonella(non-ty)	phoid)
	c)	Rotavirus		d)	Campylobacter jeju	uni
38.	Space	•	elescope was recently (SA) in collaboration vency?		•	
	a)	Hubble Space Teles	scope			
	b)	Fermi Gamma-ray	y Space Telescope			
	c)	James Webb Space	Telescope			
	d)	Near Earth Object	Surveillance Satellite			
39.	The fin	rst recombinant antig	en vaccine approved fo	or hum	an use is	
	a)	Hepatitis B vaccine		b)	Hib vaccine	
	c)	Var vaccine		d)	DPT vaccine	
40.	For the	e very first time, this	virus was synthesized	in the	form of non-living o	crystals
	a)	Bacteriophage		b)	Tobacco mosaic vi	rus
	c)	Flu Virus		d)	Pox virus	
41.	Which 1)	Kyoto Protocol i Nations Framewo	tement (s) about the Ky s an international agr rk Convention on Clim ally binding emission	reemen nate Cl	t linked to the UN nange) which comm	NFCCC (United
	2)	_	1997 and came into for		_	

		e for the current level of G ed rules for the implement			adopted at COP-7			
	Select the correct ar	swer from the codes given	n below.					
	a) 1 and 2	b) 2 and 3	c)	1 and 4	d) 2 and 4			
42.	Which Five year pla	n recommended the land	ceiling lim	it to three family l	noldings?			
	a) Second Five	Year Plan	b)	Third Five Year I	Plan			
	c) Fourth Five	Year Plan	d)	Fifth Five Year P	lan			
43.	What is the objective of SAMVEDNA Scheme?							
	a) To provide support to single women							
	b) To provide e	electronic access to farmer	s in availir	ng credit				
	c) To support of	hildren affected during co	vid-19					
	d) To support e	lderly affected during cov	id-19					
44.	'Meerut Conspiracy	case' is associated with w	which of th	e following?				
	a) Industrial di	sputes	b)	Trade Union Act				
	c) Bonded Lab	or	d)	None of above				
45 .	Which among the fo	ollowing is not an Indirect	Tax?					
	a) Corporation	Tax	b)	Service Tax				
	c) Custom Dut	y	d)	Excise Duty				
46.	SANKALP has been	n launched:						
	a) To provide b	etter healthcare for rural p	oor					
	b) To provide b	petter healthcare for urban	poor					
	c) To provide of	quality education						
	d) To provide r	narket relevant training to	youths					
47.	The increase in oil s	eeds production was due t	to:					
	a) White revolu	ition	b)	Yellow revolution	n			
	c) Green revolu	ıtion	d)	Brown revolution	1			
48.	Revolution in the la 1) Chemical fertilize 2) Chemical fertilize 3) The use of Chem Select the correct or	f Chemical fertilizers was te 1960's. Consider the fol- ers dissolve in water and a ers can kill bacteria and ot ical fertilizers caused the rates.	llowing stare immedi her micro- rise in cost	atements. ately available to porganisms in soil. of production in t	plants.			
	a) 1 and 2		,	2 and 3				
	c) 1 and 3		d)	All are correct				

It recognized that both developed and developing countries are equally

3)

49.	-	ar of Wholesale Price Index		2011 12	d١	2005.06
	a) 2000-01	b) 2002-03	C)	2011-12	a)	2005-06
50.		have unemployment in rupes of unemployment in Ind		rban areas.	Consider the	following
	1) Disguised unemproper months of the year	ployment happens when pear due to agricultural patter	eople are ns.		-	
		oyment is a result of improstatistically, the unemploym			uman resoui	ces.
		atements using codes below				
	a) 1 and 2			1 and 3		
	c) 2 and 3		d)	All of the al	bove	
51.	By which bill budge for a year?	et does the government mak	te arrange	ement for the	e collection of	of revenues
	a) A Suppleme	ntary Budget	b)	Finance Bil	1	
	c) Fiscal Budg	et	d)	Economic 1	Bill	
52.	In which year, the U	Inited Nations adopted the b) 1948		Declaration		Rights?
53.	Match the following	g International Organization	s and the	ir headquarte	ers	
	1) ILO	A. Washington D	o.C.			
	2) IMF	B. Geneva				
	3) UNESCO	C. New York Cit	У			
	4) UNICEF	D. Paris				
	a) 1-D, 2-C, 3-1	•	,	1-C, 2-A, 3-	•	
	c) 1-B, 2-A, 3-1	D, 4-C	d)	1-C, 2-D, 3-	-A, 4-B	
54.	The New Developm by the BRICS head	nent Bank (NDB) is a mul	tilateral	development	institution	established
	a) Shanghai		b)	St. Petersbu	ırg	
	c) New Delhi		d)	Sao Paulo		
55 .	The term 'recess' in	parliamentary proceedings	is referre	ed to:		
	a) The time bet	ween adjournments				
	b) The time bet	ween dissolution of parlian	nent and	re-election		
	c) The Zero Hour					
	d) The time between prorogation of parliament and its re-assembly in a new session					

56.	 With reference to the electronic voting machines, consider the following statements: 1) The Voter Verifiable Paper Audit Trail System (VVPAT) is a standard feature of all electronic voting machines (EVM) 2) Standard features of electronic voting machines does not include functions of VVPAT 							
	system.	C						
	Which of the statements give	ven above is/are correct?						
	a) 1 only		b)	2 only				
	c) Both I and 2	•	d)	Neither 1 nor 2				
57 .	Based on the 2011 census,	which among the following	g s	tates has the highest population?				
	a) Madhya Pradesh		b)	Maharashtra				
	c) Rajasthan	(d)	Gujarat				
58.	statement: 1) The terms of reference administrative arrangem 2) L. M. Singhvi Committe the Panchayti Raj Instit	e for G. V. K. Rao Coments for rural developmentee was set up to prepare a	mn nt.	System, consider the following inittee was to review the existing oncept paper on the revitalization of	ng			
	a) 1 only		b)	2 only				
	c) Both I and 2	•	d)	Neither 1 nor 2				
59.	The three states which are exempted from the purview of the Constitution (Seventy – third Amendment) Act are:							
	a) Manipur, Tripura ar	nd Assam	b)	Nagaland, Meghalaya and Mizor	am			
	c) Arunachal Pradesh,	Sikkim and Goa	d)	Sikkim, Tripura and Assam				
60.	According to Article 170, which are directly elected of		of	the State Legislative Assembli	es			
	a) 403	b) 485	c)	484 d) 500				
61.	Who among the following	strongly said that "Man is	a P	olitical Animal"?				
	a) Socrates	!	b)	Plato				
	c) Aristotle	(d)	None of the Above.				
62.	The Preamble of the Confraternity – ideals mainly in		es	the ideals of liberty, equality ar	nd			
	a) Russian Revolution	I	b)	Irish Revolution				
	c) French Revolution		d)	Cultural Revolution				

63.	Name the country that has issued Golden Visa to all doctors residing in their country.									
	a) Oman	b) UAE	c)	Saudi Arabia	d)	Egypt.				
64.	The performing art 'N	ata Sankirtana' is a festi	val of							
	a) Mizoram	b) Manipur	c)	Assam	d)	Tripura.				
65.	Consider the following	g statements:								
	budget documents	 Paperless Union budget has been introduced in India in 2021 to avoid the printing of the budget documents amid the COVID pandemic. The convention of presenting budget in a briefcase was discontinued in 2021 by making budget paperless. 								
	Which of the above sta	atements are correct?								
	a) 1 only		b)	2 only						
	c) Both 1 and 2		d)	Neither 1 nor 2						
66.	Consider the following	g statements:								
	Kashmir is conside	l station in the southwe red as the "Niagara Falls ated in Baramulla Distric	s" of Kash	nmir.	ley of J	ammu and				
	Which of the above sta	atements are correct?								
	a) 1 only		b)	2 only						
	c) Both 1 and 2		d)	Neither 1 nor 2						
67.	Visakhapatnam based state-run defence shipbuilder, Hindustan Shipyard Limited (HSL) built INS Sindhuvir for which of the following countries?									
	a) Singapore	b) Myanmar	c)	Sri Lanka	d)	Maldives				
68.	is a NASA's spacecraft on a twelve-year journey to visit a main belt asteroid as well as seven Jupiter Trojans that share Jupiter's orbit around the Sun.									
	a) Orion	b) Apollo	c)	Voyager	d)	Lucy				
69.		g schemes aims to prov against a future fall in		• •		•				
	a) Pradhan Mantr	i Ujjwala Yojana								
	b) Pradhan Mantr	i Vaya Vandana Yojana								
	c) Pradhan Mantr	i Jeevan Jyoti Bima Yoj	ana							
	d) Pradhan Mantr	i Jan-Dhan Yojana								

70.	 Consider the following statements: 1) The 20th edition of the World Sustainable Development Summit was organized by 'The Energy and Resources Institute' (TERI) in 2022. 2) The theme of the Summit is 'Towards a Resilient Planet: Ensuring a Sustainable and Equitable Future'. 				
	Which of the above state	ements are correct?			
	a) 1 only		b)	2 only	
	c) Both 1 and 2		d)	Neither 1 nor 2	
71.	Raman. 2) Sir CV Raman was Effect.	y is celebrated in India of awarded Nobel Prize in tional Science Day of 2022	193	30 for his discovery	of the Raman
	Which of the above state	ement/s is correct?			
	a) 1 and 2 only	b) 2 and 3 only	c)	1 and 3 only	d) 1, 2 and 3
72.	Which of the following Vice President of India in	books has been written by n 2021?	Shri	Mohammad Hami	d Ansari, former
	a) Hop On: My Adv	ventures on Boats, Trains an	nd P	lanes	
	b) Undaunted: Savin	ng the Idea of India			
	c) By Many a Happ	y Accident: Recollections	of a l	Life	
	•	alth of Cricket: A Lifelong me Known to Humankind	Lov	e Affair with the M	ost Subtle and
73.	Who became the first in all the cricket forma	Indian woman cricketer tats?	to c	omplete 10,000 in	nternational runs
	a) Smriti Mandhana	ı	b)	Mithali Raj	
	c) Harmanpreet Kau	ur	d)	Shikha Pandey	
74.		wing has been recently decution Authority in the state of			er reserve by the
	a) Indravati				
	b) Sitanadi				
	c) Achanakmar				

d) Guru Ghasidas National Park and Tamor Pingla Wildlife Sanctuary

75.	Which of the following Glyphosate in May, 202		complete ban on the conf	troversial herbicide,
	a) Andhra Pradesh		b) Telangana	
	c) Kerala		d) Punjab	
76.	Which among the foll BrahMos Supersonic C	_	signed pact with India f	for the purchase of
	a) Philippines	b) Indonesia	c) Malaysia	d) Brazil
77.	Who is the current Secr	etary General of United	l Nations Organisation (U	JNO)?
	a) Antonio Guterre	es	b) Kurt Waldheim	1
	c) Boutros Boutros	-Ghali	d) Ban Ki Moon	
78.	Which of the following Gandhi to commemorate	_	ently issued a coin in the	name of Mahatma
	a) United States of	America	b) Australia	
	c) Ukraine		d) United Kingdo	m
79.	India has been re-elected sixth term from -	ed to the United Nation	ns Human Rights Counci	l (UNHRC) for the
	a) January 2021 to	December 2023	b) January 2022 to	o December 2024
	c) January 2023 to		d) January 2024 to	o December 2026
80.	Consider the following	statements:		
	 India will host the G Piyush Goyal, Union Sherpa for the G20 st The meet will be held 	Minister of Commercummit in 2023.	e and Industry has been a	appointed as India's
	Which of the above stat	ement/s is/are correct?		
	a) 1 only	b) 1, 2 and 3	c) 2 and 3 only	d) 1 and 2 only
		Section	<u>n-II</u>	
81.	walking 10 km. Seema some time and then wa return to their respective	turns to right after w lks another 5 km, wher e South and walk 15 kn	towards North. Monika alking the same distance reas Seema walks only 3 in forward. How far is Mo	e. Monika waits for km. They both then nika from Seema?
	a) 15 km	b) 10 km	c) 8 km	d) 12 km

	years, the	1	b)	15	c)	14	d)	17
83.	The data	_	the follow	ing table s	summarizes	the month	ly budget of	an average
	CATE			A	AMOUNT			
	FOOD				4000			
	CLOTH	ING			1200			
	RENT SAVINO	20			2000 1500			
	OTHERS				1800			
	The appr	oximate pe	ercentage of	the monthl	ly budget not	spent on s	aving is	
	a) 1	0%	b)	14%	c)	81%	d)	86%
84.	Rahul is	shorter tha	an Prem but	taller than		is little sl	hich Shyam is norter than Pre	
	tanti ma	iii ixaiiui. W	110 15 tuilei	uian Kiiiku				
	a) R			Rinku		Prem	d)	Geet
85.	a) R In an ele votes we	Rahul ection betw	b) ween two can If the total n	Rinku	c) one got 55%	Prem of the tota	d) al valid votes, in the control of	20% of the
85.	a) R In an ele votes we	Rahul ection betwere invalid. ndidate got,	b) ween two can If the total n	Rinku	c) one got 55% ovotes was 750	Prem of the tota	l valid votes,	20% of the
85.	a) R In an ele votes we other can	Rahul ection betwere invalid. adidate got, 500	b) ween two can If the total n	Rinku	c) one got 55% ovotes was 750 b)	Prem of the tota 0, the num	l valid votes,	20% of the
85. 86.	a) R In an electron votes we other car a) 2 c) 2	Rahul ection betwere invalid. ndidate got, 500	b) ween two can If the total n was:	Rinku ndidates, on number of v	c) one got 55% ovotes was 750 b) d)	Prem of the tota 00, the num 2700 3100	l valid votes,	20% of the otes that the
	a) R In an electron votes we other car a) 2 c) 2	Rahul ection betwere invalid. ndidate got, 500 900 of length 15	b) yeen two can If the total m was: 0 m, moving	Rinku ndidates, on number of v	c) one got 55% ovotes was 750 b) d)	Prem of the tota 00, the num 2700 3100	al valid votes, in the state of valid votes at 200 metre bridge.	20% of the otes that the
	a) R In an electrotes we other can a) 2 c) 2 A train o a) 8 A number	Rahul ection between invalid. Indidate got, 1500 1900 Inflength 15 Issec	b) yeen two can If the total m was: 0 m, moving b)	Rinku ndidates, or number of v g at a speed 14sec	c) one got 55% ovotes was 750 b) d) d of 90 km/hr c)	Prem of the tota 0, the num 2700 3100 can cross 6sec	al valid votes, in the state of valid votes at 200 metre bridge.	20% of the otes that the idge in 15sec
86.	a) R In an ele votes we other can a) 2 c) 2 A train o a) 8 A number	Rahul ection between invalid. ndidate got, 500 900 of length 15 sec er consists its digits are	b) yeen two can If the total m was: 0 m, moving b) of two digite interchange	Rinku ndidates, or number of v g at a speed 14sec	c) one got 55% votes was 750 b) d) d of 90 km/hr c) n of the digits the number	Prem of the tota 0, the num 2700 3100 can cross 6sec	a 200 metre brid) 45 is subtracte	20% of the otes that the idge in 15sec
86.	a) R In an elevotes we other car a) 2 c) 2 A train o a) 8 A number i a) 6 A studen	Rahul ection between invalid. ndidate got, 500 900 of length 15 sec er consists its digits are 3	b) yeen two can If the total m was: 0 m, moving b) of two digite interchang b) chance of pa	Rinku ndidates, or number of v g at a speed 14sec its; the sun yed. What is 72 assing in Er	c) one got 55% ovotes was 750 b) d) d of 90 km/hr c) n of the digits the number c) nglish and 54	Prem of the tota of, the num 2700 3100 can cross 6sec es is 9. If 281 % chance	a 200 metre brid) 45 is subtracte	20% of the otes that the otes the otes that the otes that the otes that the otes that the otes the otes that the otes t
86. 87.	a) R In an elevotes we other car a) 2 c) 2 A train o a) 8 A number i a) 6 A studen	Rahul ection betwere invalid. Indidate got, 500 1900 of length 15 sec er consists its digits are 13 thas 60% hematics. V	b) yeen two can If the total m was: 0 m, moving b) of two digite interchang b) chance of pay	Rinku ndidates, or number of v g at a speed 14sec its; the sun yed. What is 72 assing in Er	c) one got 55% ovotes was 750 b) d) d of 90 km/hr c) n of the digits the number c) nglish and 54 probability th	Prem of the tota of, the num 2700 3100 can cross 6sec es is 9. If 281 % chance	a 200 metre brid) 45 is subtracted) of passing in befail in Mathema	20% of the otes that the otes the otes that the otes that the otes that the otes that the otes the otes that the otes t
86. 87.	a) R In an elevotes we other can a) 2 c) 2 A train o a) 8 A number i a) 6 A studen and Math a) 1	Rahul ection between invalid. Indidate got, 500 1900 of length 15 asec er consists its digits are 13 at has 60% thematics. V	b) veen two can If the total m was: 0 m, moving b) of two digite interchang b) chance of pa What is the p b)	Rinku ndidates, or number of v g at a speed 14sec its; the sun red. What is 72 assing in Enercentage p	c) one got 55% ovotes was 750 b) d) d of 90 km/hr c) n of the digits the number c) nglish and 54 probability th	Prem of the tota 10, the num 2700 3100 can cross 6sec s is 9. If 81 % chance at he will f	a 200 metre brid) 45 is subtracted) of passing in befail in Mathema	20% of the otes that the otes the otes that the otes the otes that the otes that the otes the ote

90.	Find the number which 8314, 2709, 1		s in the following group:	
	a) 1315	b) 2518	c) 8314	d) 2709
91.	How many numbers fr 4 but also has 4 as a dig		each of which is not only	exactly divisible by
	a) 19	b) 12	c) 10	d) 7
92.	If it was Tuesday on 3 ^r	d January, 2006. What v	was the day on 3 rd January,	, 2010?
	a) Monday	b) Sunday	c) Wednesday	d) Tuesday
93.	75 people ran a race, How many stood between	_	the first and Vipin stood	25 th from the last.
	a) 34	b) 35	c) 36	d) 37
94.	If South- East become become?	es North, North- East	becomes West and so or	n. What will West
	a) South-West		b) North – West	
	c) North- East		d) South- East	
95.	There are deers and petheir legs is 200. How		ounting heads they are 80 re?	and the number of
	a) 30	b) 50	c) 20	d) 60
96.	If $5 - 5 = 24$ and $7 - 7$	= 48 then find the value	e of $10 - 10 = ?$	
	a) 56	b) 91	c) 99	d) 80
97.	_	00 from the money he	ushar in turn gave 2/3 rd of receives to a taxi driver, that tially?	
	a) Rs. 2000	b) Rs. 2200	c) Rs. 2800	d) Rs. 1800
	ctions (Question Nos. 9 tions:	98 to 102): Read the fol	llowing information carefu	lly to answer the
I.	8 Kids Neelaksh, Ası dinner on a round tab	•	u, Dodo, Navya and Rudra	ksh are sitting for

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II. III.

IV.

V.

VI.

Ponty is sitting between Neelaksh and Navya.

Neelaksh is not sitting adjacent to Dodo.

Asmita is to the right of Dodo.

Rudraksh and Dodo are sitting next to each other. Exactly one person is sitting between Tanu and Asmita.

98.	What is the position	of Ishita with respect to N	avya?	
	a) Fourth to the	right	b) Second to the right	nt
	c) Second to the	e left	d) Third to the left	
99.	Who is sitting between	en Neelaksh and Ishita?		
	a) Ponty	b) Navya	c) Rudraksh	d) Tanu
00.	In which of the follo	wing pairs, second person	is sitting to the right of first	person.
	a) Ponty, Neela	ksh	b) Dodo, Rudraksh	
	c) Ishita, Asmit	a	d) Navya, Rudraksh	
01.	Which of the follow	ing is correct?		
	a) Dodo is third	to the right of Ponty		
	b) Asmita is sec	cond to the right of Tanu		
	c) Ishita is third	to the right of Dodo		
	d) Neelaksh is s	second to the left of Tanu		
02.	Which of the follow	ing pairs is sitting next to	each other?	
	a) Dodo, Ishita		b) Navya, Rudraksh	
	c) Asmita, Tanı	1	d) Ishita, Neelaksh	
103.	A is B's sister. C is B?	B's mother. D is C's fathe	er. E is D's spouse. Then, ho	ow is E related to
	a) Granddaught	er	b) GrandFather	
	c) Grandson		d) GrandMother	
04.	A man introduced a How is the woman r		the only son of his grandf	father's only son.
	a) Wife	b) Cousin	c) Sister in law	d) Sister
105.	• •		d, "Her mother is the wife o	•
	a) His aunt	b) His Daughter	c) His neice	d) His cousin
06.	What will come nex	t in the series: abc, dfh, ilc	,?	
	a) pqr	b) ptx	C) prt	d) psv
07 .	What is mirror imag	e of RAJASTHAN?		
	a) WATHZAL A	RA	RA JSATHAN (d	
	C) NATAHZU	ΝЯ	RA JASTHAN (b	

109.					tio of 1/3:1 tal number o			h his four friends should have?
	a) 210)	b)	247	C	2) 420		d) 105
110.		lone and	A joined	•		-		0 days. B started days. How many
	a) 5		b)	10	(c) 7		d) 8
111.	-	ed by sell	ling the sa	ame article			-	o the percentage Rs.) should the
	a) 576	50	b)	6000	(c) 6720		d) 6260
112.	B, then the	milk in b	oth vessel	s is same.	_	f milk is p	oured from	boured from A to B to A, then the
	a) 100)	b)	80	(20		d) 200
	ections (Que ber of studer				ollowing table e years.	e provides	the details	about the
		Years			Sport			
			Cricket	Football	Basketball	Hockey	Kabaddi	
		2017	66	144	145	128	111	
		2018	121	56	100	109	149	
		2019	79	104 57	116	99	78	
		2020	132	52	137 74	150 116	92 82	
113.	For which				ants in all 5 y	l		
113.	a) Kal	•		Football	·	C) Hockey	Ŭ	d) Basketball
114.			_	_	f students w Cricket in the	-		Hockey in 2018
	a) 111	%			k	o) 90%		
	c) 43%	%			C	d) None o	f the above	2.
115.	In which ye	ear was th	e percenta	ige of stude	ents participa	ating in Ba	sketball the	e maximum?
	a) 201	.7	b)	2018	(2019		d) 2020
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If 65% of a number is equal to 13/5 of another number, what is the ratio of first number to

c) 5:4

d) 4:1

b) 4:5

108.

the second number?

a) 5:13

116.	What is the approximate percentage change in number of students participated in sports except Kabaddi in 2017 compared to that in 2020?						
	a) 21.67%	b) 22.89%	c) 16.35%	d) 41.32%			
117.	around a rectangular	field 500m x 400m. Su	nd in the same direction inil and Barry walk at the ney cross each other, if the	e rate of 4km/h and			
	a) Never	b) Once	c) Twice	d) Thrice			
118.		<u> </u>	ace tolling together and to hour how many times do				
	a) 50	b) 30	c) 31	d) 15			
119.		t an amount of Rs.1360/-	earnings they got after. A gets 2/3 rd of B's share				
	a) 224	b) 160	c) 254	d) 248			
120.	If the English letters the right of 12th letter		reverse order then what	is the fourth letter to			
	a) J		b) K				
	c) R		d) L				

Rough Work

PUNJAB PUBLIC SERVICE COMMISSION

Objective Type Test (Feb-2022) for Recruitment to the post of Analyst in the Department of Home Affairs & Justice, Government of Punjab

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Total Questions: 120 Time Allowed: 2 Hours

Candidate's Name	Question
Father's Name	Booklet Set
Date of Birth	
DD MM YYYY	
OMR Response Sheet No.	
Poll No	Booklet Series No.
Roll No	
Candidate's Signature (Please sign in the box)	

INSTRUCTIONS

- 1. The candidate shall NOT open this booklet till the time told to do so by the Invigilation Staff. However, in the meantime, the candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL letters. The candidate may also fill the relevant boxes out of 1 to 9 of the Optical Mark Reader (OMR) response sheet, supplied separately
- 2. Use only blue or black **ball point pen** to fill the relevant columns on this page as well as in OMR sheet. Use of lnk pen or any other pen is not allowed.
- 3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible or incomplete.
- 4. Each candidate is required to attempt 120 questions in 120 minutes, except for orthopedically/visually impaired candidates, who would be given 40 extra minutes, for marking correct responses on the OMR sheet.
- 5. The question paper booklet has 19 pages.
- 6. The candidates, <u>when allowed to open</u> the question paper booklet, <u>must first check the entire booklet</u> to confirm that the booklet has complete number of pages, the pages printed correctly and there are no blank pages. In case there is any such error in the question paper booklet then the candidate should IMMEDIATELY bring this fact to the notice of the Invigilation Staff and obtain a new booklet of the same series as given earlier.
- The serial number of the new Question booklet if issued for some reason should be entered in the relevant column of the OMR. The Invigilation Staff must make necessary corrections in their record regarding the change in the serial no. of Question booklet.
- 8. The paper consists of total 480 Marks. Each question shall carry 4 marks. There are four options for each question and the candidate has to mark the <u>MOST APPROPRIATE</u> answer on the OMR response sheet.
- 9. There is negative marking (one mark for each question) for answers wrongly answered by the candidate.
- 10. Use of Electronic/Manual Calculator is prohibited.
- 11. The candidate MUST READ INSTRUCTIONS BEHIND THE OMR SHEET before answering the Questions and check that two carbon copies attached to the OMR sheet are intact.

Section-I

1.	A pure	ely Indian conce	ern founde	ed in 1895 w	as:			
	a)	Bank of Punjal	b		b)	Punjab Insur	ance Comp	pany
	c)	Punjab Nation	al Bank		d)	People's Ban	k	
2.	Leadin	ng cause of Diar	rheal dise	ease				
	a)	Enterotoxigeni	ic Escher	ichia coli	b)	Salmonella(r	non-typhoi	d)
	c)	Rotavirus			d)	Campylobac	ter jejuni	
3.	By wh for a y	ich bill budget ear?	does the g	government i	make arrang	gement for the	collection	of revenues
	a)	A Supplement	ary Budg	et	b)	Finance Bill		
	c)	Fiscal Budget			d)	Economic B	sill	
4.		is a NASA's sp en Jupiter Troja	-		• •		in belt aste	roid as well
	a)	Orion	b)	Apollo	c)	Voyager	d)	Lucy
5.		of the following to protect them ions?	-	-		• •		•
	a)	Pradhan Manti	ri Ujjwala	. Yojana				
	b)	Pradhan Manti	ri Vaya V	andana Yoja	ına			
	c)	Pradhan Manti	ri Jeevan	Jyoti Bima Y	Yojana			
	d)	Pradhan Manti	ri Jan-Dha	an Yojana				
6.	The pr	resent base year	of Whole	esale Price In	idex is -			
	a)	2000-01	b)	2002-03	c)	2011-12	d)	2005-06
7.	The te	rm 'recess' in p	arliament	ary proceedi	ngs is referi	red to:		
	a)	The time betw	een adjou	rnments				
	b)	The time betw	een disso	lution of parl	liament and	re-election		
	c)	The Zero Hour	r	•				
	ď)	The time betw	een proro	gation of par	rliament and	l its re-assemb	ly in a new	session
8.	Which	among the foll	owing is	not an Indire	ct Tax?			
	a)	Corporation Ta	ax		b)	Service Tax		
	c)	Custom Duty			d)	Excise Duty		
9.	,	mous drama, 'N	/ ////////////////////////////////////	shasa' was w	,	·		

	a)	Malayakethu	b)	Visakhadatta	c)	Kautilya	d) Chanakya
10.		_	_	as been recently declar athority in the state of		_	reserve by the
	a)	Indravati					
	b)	Sitanadi					
	c)	Achanakmar					
	d)	Guru Ghasidas Nati	onal	Park and Tamor Ping	gla V	Wildlife Sanctuary	
11.	1) ILO 2) IMI	O E ESCO	A B C	nal Organizations and Washington D.C. 3. Geneva 4. New York City D. Paris	the	ir headquarters	
		1-D, 2-C, 3-B, 4-A	L	7. 1 di 13	h)	1-C, 2-A, 3-D, 4-B	
	•	1-B, 2-A, 3-D, 4-C			,	1-C, 2-D, 3-A, 4-B	
	C)	1-D, 2-A, 3-D, 4-C			u)	1-C, 2-D, 3-A, 4-D	
12.		ew Development Ba BRICS headquartere		(NDB) is a multilater	ral	development institut	ion established
	a)	Shanghai			b)	St. Petersburg	
	c)	New Delhi			d)	Sao Paulo	
13.	'Meer	ut Conspiracy case' i	s ass	sociated with which o	f th	e following?	
	a)	Industrial disputes			b)	Trade Union Act	
	c)	Bonded Labor			d)	None of above	
14.		of the following go ii to commemorate hi		nments has recently i e and legacy?	ssu	ed a coin in the nan	ne of Mahatma
	a)	United States of An	neric	a	b)	Australia	
	c)	Ukraine			d)	United Kingdom	
15.	In whi	ch year, the United N	Vatio	ns adopted the Unive	rsal	Declaration of Hum	nan Rights?
	a)	1945	b)	1948	c)	1966	d) 1981
16.		of the following states osate in May, 2021?	ites l	has declared a compl	ete	ban on the controve	ersial herbicide,
	a)	Andhra Pradesh			b)	Telangana	
	c)	Kerala			d)	Punjab	
17.	Consid	der the following state	eme	nts:			

	1) National Science Day Raman.	is celebrated in India o	n 281	th February in me	mory of Sir CV
	2) Sir CV Raman was	awarded Nobel Prize in	193	0 for his discovery	of the Raman
	Effect. 3) The theme of the Natitechnology for a sustain		2 is "	Integrated approac	h in science and
	Which of the above stater	ment/s is correct?			
	a) 1 and 2 only	b) 2 and 3 only	c)	1 and 3 only	d) 1, 2 and 3
18.	"Bermuda grass allergy"	is a type of			
	a) Air-borne allergy		b)	Contact allergy	
	c) Hydro-borne aller	gy	d)	Soil-borne allergy	
19.	What is the name of a sploss may result in ecosyst		ected	to the entire food	web and whose
	a) Limiting species		b)	Keystone species	
	c) Vital species		d)	Top species	
20.	Who amongst the following	ng introduced railways for	r the	first time in India?	
	a) Lord Wellesley		b)	Lord Hastings	
	c) Lord Dalhousie		d)	Lord Ripon	
21.	In case of India we have statements about types of 1) Disguised unemployme months of the year due 2) Educated unemployme 3) In case of India, statistic	unemployment in India. tent happens when people to agricultural patterns. In is a result of improper in the second seco	e are mana	not able to find jo	obs during some
	Select the correct stateme	nts using codes below.			
	a) 1 and 2		b)	1 and 3	
	c) 2 and 3		d)	All of the above	
22.	For the very first time, thi	s virus was synthesized ir	the :	form of non-living	crystals
	a) Bacteriophage		b)	Tobacco mosaic v	irus
	c) Flu Virus		d)	Pox virus	
23.	The increase in oil seeds 1	production was due to:			
	a) White revolution		b)	Yellow revolution	l
	c) Green revolution		d)	Brown revolution	

24.		the evolution of Panc	hayati Raj System, co	nsider the following
	statement: 1) The terms of re-	eference for G. V. K.	Rao Committee was to	review the existing
		rrangements for rural dev		6
	· · ·	ommittee was set up to p	orepare a concept paper o	n the revitalization of
	the Panchayti Ra Which of the stater	ng institutions. ments given above is/are o	correct?	
	a) 1 only	nones given accident	b) 2 only	
	c) Both I and 2		d) Neither 1 nor	· 2
		=	·	
25.	According to Artic which are directly el	le 170, the maximum n	nembers of the State Le	egislative Assemblies
	a) 403	b) 485	c) 484	d) 500
	α, 103	5) 105	3) 101	u , 500
26.	At which place is Ba	aba Banda Singh Bahadu	r War Memorial located?	
	a) Chappar Chi	ri	b) Sarhind	
	c) Kartarpur		d) Samana	
27.	Which of the follow	ing statement (s) about th	ne Kyoto Protocol is/are o	correct?
	1) Kyoto Pro	tocol is an international	l agreement linked to the	ne UNFCCC (United
		amework Convention on rnationally binding emiss	<u> </u>	commits its parties by
		oted in 1997 and came int		
	3) It recogni	zed that both develop	ped and developing co	ountries are equally
		e for the current level of C		are adopted at COP 7
	4) The detailed in Tokyo.	ed rules for the implemen	itation of the Protocol w	ere adopted at COF-7
	•	swer from the codes give	en below.	
	a) 1 and 2	b) 2 and 3	c) 1 and 4	d) 2 and 4
28.	Who authored the bo	ook <i>Poverty and Un-Briti</i>	ish Rule in India?	
	a) R.C.Dutt		b) Dadabhai Na	oroji
	c) Rajani Palm	Dutt	d) Bipan Chand	ra
29.	Consider the following	ing Statements:		
,		ene is a single thin layer 2	2D film	
	Statement II: Carbon	n nanotube is a thin film i	rolled like a 3D tube or c	ylinder
	Which of the above	statement(s) is/are correc	et?	
	a) Only II		b) Only I	
	c) Neither I nor	· II	d) Both I and I	I

30.	The Preamble of the Co fraternity – ideals mainly		nshrines the idea	ls of liberty, ed	quality and
	a) Russian Revolutio	on	b) Irish Re	evolution	
	c) French Revolution	1	d) Cultura	l Revolution	
31.	Dark green colouration in a) Calcium	leaves is caused due b) Phosphorus	to deficiency of w		Potassium
32.	SANKALP has been laun	ched:			
	a) To provide better	healthcare for rural p	oor		
	b) To provide better I	healthcare for urban	oor		
	c) To provide quality	education			
	d) To provide market	t relevant training to	youths		
33.	Consider the following sta 1) The 20th edition of the Energy and Resources 2) The theme of the Sun Equitable Future'.	World Sustainable I Institute' (TERI) in 2	2022.	_	-
	Which of the above stater	ments are correct?			
	a) 1 only		b) 2 only		
	c) Both 1 and 2		d) Neither	1 nor 2	
34.	India has been re-elected sixth term from -	to the United Nation	ns Human Rights	Council (UNHI	RC) for the
	a) January 2021 to D	ecember 2023	b) January	2022 to Decem	ber 2024
	c) January 2023 to D	ecember 2024	d) January	2024 to Decem	ber 2026
35.	The chemical composition copper is –	n of 'slag' formed du	ring the smelting	process in the ex	xtraction of
	a) CuO + FeS	b) FeSiO ₃	c) CuFcS ₂	d)	$Cu_2S + FeC$
36.	Who became the first I in all the cricket formats		eter to complete	10,000 interna	tional runs
	a) Smriti Mandhana		b) Mithali	Raj	
	c) Harmanpreet Kaur	r	d) Shikha	Pandey	
37.	Silviculture is the manage	ement of			
	a) Rivers	b) Lakes	c) Hills	d)	Forests

38.	Where	is water stored in ba	aobab tree?			
	a)	Fruit		b)	Trunk having a spo	ongy layer
	c)	Leaves		d)	Flowers	
39.	Tricho	oderma harzianum h	as proved a useful micr	oorgan	ism for:	
	a)	Reclamation of was	stelands			
	b)	Bioremediation of	contaminated soils			
	c)	Biological control	of soil-borne plant path	ogens		
	d)	Gene transfer in hig	gher plants			
40.	The or	bital angular momer	ntum of a P-electron is	given a	as –	
	a)	$\frac{h}{\sqrt{2\pi}}$		b)	$\sqrt{3} \frac{h}{2\pi}$ $\sqrt{6} \frac{h}{2\pi}$	
	c)	$\frac{h}{\sqrt{2\pi}}$ $\sqrt{\frac{3h}{2\pi}}$		d)	$\sqrt{6} \frac{h}{2\pi}$	
41.	Which age?	is the major cause of	of nutritional blindness	in chil	dren usually between	en 1 - 3 years of
		Scurvy		b)	Keratomalacia	
		Aneamia			Dandruff	
42.	The pe	erforming art 'Nata S	Sankirtana' is a festival	of		
	a)	Mizoram	b) Manipur	c)	Assam	d) Tripura.
43.	The A	llahabad pillar inscri	ption was composed b	y		
	a)	Meghavarma	b) Harisena	c)	Rudradeva	d) Ravikirti
44.	Who is	s the current Secreta	ry General of United N	lations	Organisation (UNO))?
	a)	Antonio Guterres		b)	Kurt Waldheim	
	c)	Boutros Boutros-G	hali	d)	Ban Ki Moon	
45 .	Amrita receive		nany awards for her	writing	s. Identify the awa	ard she did not
	a)	Sahitya Academy A	Award	b)	Padma Shri	
	c)	Booker Prize for Li	iterature	d)	Jnanpith Award	
46.						
		among the follow fos Supersonic Cruis	ing countries has sign se missile system?	ned pa	ct with India for t	the purchase of

47. In 1922, who organized the Swaraj party along with CR Das?							
	a) Rabindra Nath	Гagore	b) Motilal Nehru				
	c) Subash Chandra	Bose	d)	Madan Mohan M	Ialaviya		
48.	With reference to Raja	Ram Mohan Roy, whi	ch of the f	ollowing statemen	ts is/are correct?		
	1) He believed that En English in India.	glish education would	d open the	gates of the libe	ral thought of the		
	2) He sponsored the op3) He was the first man4) He cannot be called	to enunciate the rights	s of man	ought for the free	dom of press		
	a) 1 and 2	b) 1, 2 and 3	•	3 and 4	d) 1 and 3		
49.	What is the name of the	e element with atomic	number 10	5?			
	a) Dubnium		b)	Holmium			
	c) Kwichatovium		d)	Nobelium			
50.	Glycolysis process occi	ars in which part of the	e cell?				
	a) Cytoplasm	b) Nucleus	c)	Mitochondria	d) Chloroplast		
51.	 Consider the following statements: Paperless Union budget has been introduced in India in 2021 to avoid the printing of the budget documents amid the COVID pandemic. The convention of presenting budget in a briefcase was discontinued in 2021 by making budget paperless. 						
	Which of the above star	tements are correct?					
	a) 1 only		b)	2 only			
	c) Both 1 and 2		d)	Neither 1 nor 2			
52.	Which Five year plan re	ecommended the land	ceiling lim	nit to three family	holdings?		
	a) Second Five Ye	ar Plan	b)	Third Five Year Plan			
	c) Fourth Five Yea	ır Plan	d)	Fifth Five Year F	Plan		
53.	Which of the following Turtles in India?	Which of the following is a world famous beach for the 'Arribada' (arrival) of Olive Ridley Turtles in India?					
	a) Gahirmatha, Or	b)	b) Marina Beach, Chennai				
	c) Gulf of Kutch, (Gujarat	d)	Kovalam Beach,	Kerala		
54.	Vitamin B ₁₂ contains –						
	a) Co	b) Mn	c)	Mg	d) Fe		

55.	Which of the following telescope was recently launched by National Aeronautics and Space Administration (NASA) in collaboration with the European Space Agency (ESA), and the Canadian Space Agency?							
	a) Hubble Space Telescope							
	b)	Fermi Gamma-ray S	Space	Telescope				
	c) James Webb Space Telescope							
	d)	Near Earth Object S	Survei	illance Satellite				
56.	The fir	rst recombinant antig	en va	accine approved for h	num	nan use is		
	a)	Hepatitis B vaccine			b)	Hib vaccine		
	c)	Var vaccine			d)	DPT vaccine		
57.	Which	one of these animals	s was	not represented on	the	seals and terracotta a	rt o	f Harappan
	a)	Unicorn	b) '	Tiger	c)	Cow	d)	Rhinoceros
58.	The m	olecular mass of a ga	as is:					
	a) Twice of its vapour pressure							
	b) Equal to its vapour pressure							
	c) Half of its vapour pressure							
	d)	Not associated with	its va	apour pressure				
59.		Visakhapatnam based state-run defence shipbuilder, Hindustan Shipyard Limited (HSL) will INS Sindhuvir for which of the following countries?						
	a)	Singapore	b)]	Myanmar	c)	Sri Lanka	d)	Maldives
60.		the country that has i Oman				_		•
61.		onsumption of Chemution in the late 1960			-		cces	s of Green
	 Chemical fertilizers dissolve in water and are immediately available to plants. Chemical fertilizers can kill bacteria and other micro-organisms in soil. The use of Chemical fertilizers caused the rise in cost of production in the long term. Select the correct ones. 							
	a)	1 and 2			b)	2 and 3		
		1 and 2				All are correct		
	0)	T dild 5			<i>u j</i>			

62.	 With reference to the electronic voting machines, consider the following statements: 1) The Voter Verifiable Paper Audit Trail System (VVPAT) is a standard feature of all electronic voting machines (EVM) 2) Standard features of electronic voting machines does not include functions of VVPAT system. 						
	Which of the statements given above is/are	correct?					
	a) 1 only	b)	2 only				
	c) Both I and 2	d)	Neither 1 nor 2				
63.	The relation between algae and fungi in lich	hen is					
	a) Symbiosis	b)	Parasitism				
	c) Commenalism	d)	Protocooperation				
64.	Common indicator organism of water pollu	ition is:					
	a) Entamoeba histolytica	b)	Escherichia coli				
	c) Eichhornia crassipes	d)	Lemna paucicostata				
65.	Who among the following strongly said that	at "Man is a F	Political Animal"?				
	a) Socrates	b)	Plato				
	c) Aristotle	d)	None of the Above.				
66.	The term <i>Mahalwari</i> System is defined as						
	a) It comes from the word Mahalla						
	b) It stood for Dual Government						
	c) The system derives its name from the	he word maha	al which means a estate or a village				
	d) Revenue settlement with a zaminda	r of a village					
67.	Whom did Ahmed Shah Abdali defeat in 1	752 to occup	y Lahore?				
	a) Muin ul Mulk	b)	Safdar Jung				
	c) Shah Nawaz Khan	d)	Yahiya Khan				
68.	Consider the following statements regard Defence Research and Development Organ		•				
	 It is India's first surface-to-surface conventional quasi-ballistic missile. The missile was tested from the Dr A.P.J. Abdul Kalam Island off the coast of Odisha. It is a 150-500 km short-range and is a surface-to-surface missile with a payload capacity of 100-500 kg. 						
	Which of the statements given above is/are	e correct?					
	a) 1 and 3 only	b)	1 and 2 only				
	c) 2 and 3 only	d)	1,2 and 3				

69.	 Consider the following statements: India will host the G20 summit in 2023 for the first time. Piyush Goyal, Union Minister of Commerce and Industry has been appointed as India's Sherpa for the G20 summit in 2023. The meet will be held in Hyderabad, Telangana. 							
	Which of the above sta a) 1 only	tement/s is/are correct? b) 1, 2 and 3	c)	2 and 3 only	d)	1 and 2 only		
70.	Based on the 2011 census, which among the following states has the highest population?							
	a) Madhya Prades	h	b)	Maharashtra				
	c) Rajasthan		d)	Gujarat				
71.	Consider the following statements: 1) Aharbal falls, a hill station in the southwestern part of Kashmir Valley of Jammu and Kashmir is considered as the "Niagara Falls" of Kashmir. 2) Aharbal falls is located in Baramulla District of Kashmir Valley.							
	Which of the above sta	tements are correct?						
	a) 1 only		b)	2 only				
	c) Both 1 and 2		d)	Neither 1 nor 2				
72.	Which of the below is incorrectly matched in reference to the Indian Rebellion of 1857							
	a) KanpurBegam Hazrat Mahal							
	b) Delhi	Bakht Khan						
	c) Faizabad	Kunwar Singh						
	d) Bareilly	Khan Bahadur						
73.	The three states which are exempted from the purview of the Constitution (Seventy – third Amendment) Act are:							
	a) Manipur, Tripu	ra and Assam	b)	Nagaland, Megh	nalaya an	d Mizoram		
	c) Arunachal Prad	esh, Sikkim and Goa	d)	Sikkim, Tripura	and Ass	sam		
74.	Which Governor General	ral brought Civil Service	es into ex	istence in India?				
	a) Lord Cornwalli	S	b)	b) Lord Wellesley				
	c) Lord William B	Benting	d)	Lord Sailles Bur	y			
75 .	Which of the following has been linked to excessive UV-B exposure?							
	a) Skin cancer		b)	Ricketts				
	c) Multiple scleros	sis	d)	All of the above				

	c) To support children affected during covid-19					
	d)	To support elderly	affected during	covid-19		
77.		netal which is genera e in human beings is	•	y plants along	g with Zr	and causes "Ouch Ouch"
	a)	Pb	b) Cd	c)	Hg	d) Cr
78.		of the following bo President of India in 2		ritten by Shr	i Moham	mad Hamid Ansari, former
	a)	Hop On: My Adver	ntures on Boats,	Trains and P	lanes	
	b)	Undaunted: Saving	the Idea of Indi	a		
	c)	By Many a Happy	Accident: Recol	lections of a	Life	
	ď)		h of Cricket: A	Lifelong Lov		with the Most Subtle and
79.	Who a	among the following	wrote "Pagri Sa	ımbhal Jatta"		
	a)	Ajit Singh		b)	Bhagat	Singh
	c)	Banke Dayal		d)	None o	f the above
80.	Whe	en and between whor	n was the battle	of Buxar fou	ight?	
	á	a) In 1764, between	the English and	I the Confede	eracy of M	Iir Qasim
	k	o) In 1764, between	Dupleix and the	e Confederac	y of Mir	Qasim
		n 1765, between	-		•	
		d) In 1780, between			•	
			<u>Sec</u>	tion-II		
	ections (tions:	(Question Nos. (81 t	to 85): Read the	following in	formation	carefully to answer the
I.		ds Neelaksh, Asmita	, Ishita, Ponty, T	Γanu, Dodo,	Navya an	d Rudraksh are sitting for
	dinn	er on a round table f	acing centre.		•	
II.		ty is sitting between l		•		
III.		raksh and Dodo are s	-			
IV.		ctly one person is sitt	_	nu and Asmi	ta.	
V.	Asm	ita is to the right of l	Dodo.			

VI.

76.

What is the objective of SAMVEDNA Scheme?

a) To provide support to single women

b) To provide electronic access to farmers in availing credit

Neelaksh is not sitting adjacent to Dodo.

81.	What is	the position	of Ishita v	with respect	t to Navya?				
	a) I	Fourth to the	right			b) Second	to the right		
	c) S	Second to the	e left		(d) Third t	o the left		
82.	Who is s	sitting betwe	en Neelak	sh and Ishi	ta?				
	a) I	Ponty	b)) Navya	(c) Rudrak	ash	d)	Tanu
83.	In which	of the follo	wing pairs	s, second p	erson is sittii	ng to the ri	ght of first p	perso	n.
	a) I	Ponty, Neelal	ksh			b) Dodo, i	Rudraksh		
	c) I	shita, Asmit	a		(d) Navya,	Rudraksh		
84.	Which o	of the followi	ing is corr	ect?					
	a) I	a) Dodo is third to the right of Ponty							
	b) A	Asmita is sec	ond to the	e right of Ta	anu				
	c) I	Ishita is third to the right of Dodo							
	d) 1	Neelaksh is s	econd to t	the left of T	anu				
85.	Which o	of the followi	ing pairs i	s sitting ne	xt to each ot	her?			
	a) I	Oodo, Ishita				b) Navya, Rudraksh			
	c) A	Asmita, Tanu	1		(d) Ishita, I	Neelaksh		
D.			064 00			•		1	1
		Question Nos 5 different s			owing table j	provides th	ie details ab	out th	ne number
OI St	ddents m		ports over	the years.	Sport				
		Years	Cricket	Football	Basketball	Hockey	Kabaddi		
		2017	66	144	145	128	111		
		2018	121	56	100	109	149		
		2019	79	104	116	99	78		
		2020	60	57	137	150	92		
		2021	132	52	74	116	82		
0.6	.	•		c			1111	0	
86.		ch sport, tota		-	_		_		5 1 1 1
	a) I	Kabaddi	D,) Football	(C) Hockey	ý	a)	Basketball
87.		the approxed to the stud						locke	ey in 2018
	a) 1	11%			1	b) 90%			
	c) 4	13%			(d) None o	of the above.		
88.	In which	n year was th	e percenta	age of stude	ents participa	ating in Ba	sketball the	max	imum?

	a) 2017	b) 2018	c) 2019	d) 2020
89.	What is the approximate except Kabaddi in 2017 co		umber of students partic	ipated in sports
	a) 21.67%	b) 22.89%	c) 16.35%	d) 41.32%
90.	75 people ran a race, Rag How many stood between		first and Vipin stood 25	th from the last.
	a) 34	b) 35	c) 36	d) 37
91.	A number consists of two number its digits are interes	_	_	racted from the
	a) 63	b) 72	c) 81	d) 90
92.	A student has 60% chance and Mathematics. What is	1 0	1 0	_
	a) 12	b) 36	c) 4	d) 10
93.	Ratio of Sonu's age to Myears, the present age of M		3. If Sonu will be 26 y	ears old after 6
	a) 11	b) 15	c) 14	d) 17
94.	A can do a piece of work the work alone and A joi days more B worked than	ned him later. The work	-	
	a) 5	b) 10	c) 7	d) 8
95.	How many numbers from 4 but also has 4 as a digit?		of which is not only exac	ctly divisible by
	a) 19	b) 12	c) 10	d) 7
96.	Looking at a portrait of a Brothers and sisters I have			my father's son.
	a) His aunt	b) His Daughter	c) His niece	d) His cousin
97.	A is B's sister. C is B's m B?	other. D is C's father. E	is D's spouse. Then, how	v is E related to
	a) Granddaughter		b) Grand Father	
	c) Grandson		d) Grand Mother	
98.	If the English letters A to the right of 12th letter from		se order then what is the	fourth letter to

	c) R		d) L	
99.	B, then the milk in bo	th vessels is same. If 20	g milk. If 10 litres of milk 0 litres of milk is poured f k in vessel A in litres is:	-
	a) 100	b) 80	c) 20	d) 200
100.	Find the number whic 8314, 2709,		rs in the following group:	
	a) 1315	b) 2518	c) 8314	d) 2709
101.	What will come next i	n the series: abc, dfh, i	lo,?	
	a) pqr	b) ptx	C) prt	d) psv
102.	If it was Tuesday on 3	rd January, 2006. What	was the day on 3 rd Januar	ry, 2010?
	a) Monday	b) Sunday	c) Wednesday	d) Tuesday
103.	Prabhat gave 30% of his money to Tushar. Tushar in turn gave 2/3 rd of what he receives to Jyoti. Jyoti gave Rs 100 from the money he receives to a taxi driver, then she is left with Rs 300. What was the money with Prabhat initially?			
	a) Rs. 2000	b) Rs. 2200	c) Rs. 2800	d) Rs. 1800
104.		an amount of Rs.1360/	e earnings they got after A gets 2/3 rd of B's shar	
	a) 224	b) 160	c) 254	d) 248
105.	What is mirror image	of RAJASTHAN?		
	a) ИАТНЗАს AS	म	A JSATHAN (d	R
	c) NATAHZU A	न	d) ИАНТЗАL A	Я
106.	If 65% of a number is the second number?	equal to 13/5 of anoth	ner number, what is the ra	tio of first number to
	a) 5:13	b) 4:5	c) 5:4	d) 4:1
107.		ng the same article for	erticle for Rs. 5760 is equal Rs. 3840. At what price	
	a) 5760	b) 6000	c) 6720	d) 6260
108.	Monika and Seema b	ooth start from a poin	t towards North. Monik	ca turns to left after

b) K

a) J

walking 10 km. Seema turns to right after walking the same distance. Monika waits for

	some time and then walks another 5 km, whereas Seema walks only 3 km. They both then return to their respective South and walk 15 km forward. How far is Monika from Seema?				
	a) 15 km	b) 10 km	c) 8 km	d) 12 km	
109.	A train of length 150 m	, moving at a speed of	90 km/hr can cross a 200	metre bridge in	
	a) 8sec	b) 14sec	c) 6sec	d) 15sec	
110.	If South- East become become?	s North, North- East	becomes West and so o	on. What will West	
	a) South-West		b) North – West		
	c) North- East		d) South- East		
111.	There are deers and per their legs is 200. How n	•	ounting heads they are 80 re?	and the number of	
	a) 30	b) 50	c) 20	d) 60	
112.	A man introduced a wo How is the woman relat	-	f the only son of his gran	ndfather's only son.	
	a) Wife	b) Cousin	c) Sister in law	d) Sister	
113.	The data given in the household.	following table sum	nmarizes the monthly bu	dget of an average	
	CATEGORY		OUNT		
	FOOD CLOTHING		000 200		
	RENT		000		
	SAVINGS		500		
	OTHERS	18	800		
	The approximate percer	ntage of the monthly b	udget not spent on saving	is	
	a) 10%	b) 14%	c) 81%	d) 86%	
114.	Select the one which is	different from the other	er three responses.		
	a) TGSH	b) CXDW	c) AZBY	d) EVFU	
115.	•	rem but taller than Ri	we friends among which Some shorter is little shorter than Geet?	•	
	a) Rahul	b) Rinku	c) Prem	d) Geet	
116.	If $5 - 5 = 24$ and $7 - 7 =$	= 48 then find the valu	e of $10 - 10 = ?$		
	a) 56	b) 91	c) 99	d) 80	

	A, B, C and D, then find the minimum total number of chocolates Rakesh should have?					
	a) 210	b) 247	c) 420	d) 105		
118.	around a rectangular	field 500m x 400m. S	and in the same direction Sunil and Barry walk at they cross each other, if	he rate of 4km/h and		
	a) Never	b) Once	c) Twice	d) Thrice		
119.	There are six bells in a temple which commence tolling together and toll at an interval of 2, 4, 6, 8, 10 and 12 seconds respectively. In one hour how many times do they ring together?					
	a) 50	b) 30	c) 31	d) 15		
120.	In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:					
	a) 2500		b) 2700			
	c) 2900		d) 3100			

117. If Rakesh distributes chocolates in the ratio of 1/3 : 1/7 : 1/2 : 1/5 between his four friends

Rough Work

PUNJAB PUBLIC SERVICE COMMISSION

Objective Type Test (Feb-2022) for Recruitment to the post of Analyst in the Department of Home Affairs & Justice, Government of Punjab

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Total Questions: 120 Time Allowed: 2 Hours

Candidate's Name	Question
Father's Name	Booklet Set
Date of Birth	
DD MM YYYY	
OMR Response Sheet No.	
Roll No	Booklet Series No.
Candidate's Signature (Please sign in the box)	
INSTRUCTIONS	

- 1. The candidate shall NOT open this booklet till the time told to do so by the Invigilation Staff. However, in the meantime, the candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL letters. The candidate may also fill the relevant boxes out of 1 to 9 of the Optical Mark Reader (OMR) response sheet, supplied separately
- 2. Use only blue or black **ball point pen** to fill the relevant columns on this page as well as in OMR sheet. Use of lnk pen or any other pen is not allowed.
- 3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible or incomplete.
- 4. Each candidate is required to attempt 120 questions in 120 minutes, except for orthopedically/visually impaired candidates, who would be given 40 extra minutes, for marking correct responses on the OMR sheet.
- 5. The question paper booklet has 19 pages.
- 6. The candidates, <u>when allowed to open</u> the question paper booklet, <u>must first check the entire booklet</u> to confirm that the booklet has complete number of pages, the pages printed correctly and there are no blank pages. In case there is any such error in the question paper booklet then the candidate should IMMEDIATELY bring this fact to the notice of the Invigilation Staff and obtain a new booklet of the same series as given earlier.
- 7. The serial number of the new Question booklet if issued for some reason should be entered in the relevant column of the OMR. The Invigilation Staff must make necessary corrections in their record regarding the change in the serial no. of Question booklet.
- 8. The paper consists of total 480 Marks. Each question shall carry 4 marks. There are four options for each question and the candidate has to mark the MOST APPROPRIATE answer on the OMR response sheet.
- 9. There is negative marking (one mark for each question) for answers wrongly answered by the candidate.
- 10. Use of Electronic/Manual Calculator is prohibited.

11		date MUST READ INSTRUCTIONS BEHIND THE OMR Solution copies attached to the OMR sheet are intact.	SHEET be	fore answering the Questions and check that		
		Saction	1			
		Section-	<u>-1</u>			
1.	Space	Administration (NASA) in collaboration e Canadian Space Agency?	-			
	a)	Hubble Space Telescope				
	b)	Fermi Gamma-ray Space Telescope				
	c)	James Webb Space Telescope				
	d)	Near Earth Object Surveillance Satellite				
2.	Which	Five year plan recommended the land cei	ling lim	nit to three family holdings?		
	a)	Second Five Year Plan	b)	Third Five Year Plan		
	c)	Fourth Five Year Plan	d)	Fifth Five Year Plan		
3.	Revolution 1) Che 2) Che 3) The	The consumption of Chemical fertilizers was an important factor in the success of Gree Revolution in the late 1960's. Consider the following statements. 1) Chemical fertilizers dissolve in water and are immediately available to plants. 2) Chemical fertilizers can kill bacteria and other micro-organisms in soil. 3) The use of Chemical fertilizers caused the rise in cost of production in the long term. Select the correct ones.				
	a)	1 and 2	b)	2 and 3		
	c)	1 and 3	d)	All are correct		

4.	Silvicu	ılture is the managen	nent of			
	a)	Rivers	b) Lakes	c)	Hills	d) Forests
5.	The or	bital angular momen	tum of a P-electron is g	iven a	as –	
	a)	$\frac{h}{\sqrt{2\pi}}$		b)	$\sqrt{3}\frac{h}{2\pi}$	
	c)	$\sqrt{\frac{3h}{2\pi}}$		d)	$\sqrt{3} \frac{h}{2\pi}$ $\sqrt{6} \frac{h}{2\pi}$	
6.	Which culture		s was not represented o	n the	seals and terracotta a	ırt of Harappan
	a)	Unicorn	b) Tiger	c)	Cow	d) Rhinoceros
7.	The te	rm 'recess' in parlian	nentary proceedings is	referr	ed to:	
	a)	The time between a	djournments			
	b) The time between dissolution of parliament and re-election					
	c)	The Zero Hour				
•	,	-	rorogation of parliamer		<u> </u>	
8.		ree states which are diment) Act are:	exempted from the pur	view	of the Constitution (S	Seventy – third
	a)	Manipur, Tripura ar	nd Assam	b)	Nagaland, Meghala	ya and Mizoram
	c)	Arunachal Pradesh,	Sikkim and Goa	d)	Sikkim, Tripura and	l Assam
9.	Where	is water stored in ba	obab tree?			
	a)	Fruit		b)	Trunk having a spor	ngy layer
	c)	Leaves		d)	Flowers	
10.	Which	of the following has	been linked to excessive	ve UV	'-B exposure?	
	a)	Skin cancer		b)	Ricketts	
	c)	Multiple sclerosis		d)	All of the above	
11.	The ch	-	of 'slag' formed during	the s	melting process in th	ne extraction of
	a)	CuO + FeS	b) FeSiO ₃	c)	CuFcS ₂	d) $Cu_2S + FeO$
12.	1) Pap budg 2) The	get documents amid t	ements: has been introduced in the COVID pandemic. nting budget in a briefo			

Which of the above statements are correct?

	a) 1 only		b)	2 only	
	c) Both 1 and 2		d)	Neither 1 nor 2	
13.	For the very first time, t	his virus was synthesize	ed in the	form of non-living	g crystals
	a) Bacteriophage		b)	Tobacco mosaic v	virus
	c) Flu Virus		d)	Pox virus	
14.	The New Development by the BRICS headquar		tilateral o	development instit	tution established
	a) Shanghai		b)	St. Petersburg	
	c) New Delhi		d)	Sao Paulo	
15.	Which of the below is in	ncorrectly matched in re	eference t	o the Indian Rebel	llion of 1857
	a) Kanpur	Begam Hazrat Ma	ahal		
	b) Delhi	Bakht Khan			
	c) Faizabad	Kunwar Singh			
	d) Bareilly	Khan Bahadur			
16.	Who among the followi	ng wrote "Pagri Sambha	al Jatta"		
	a) Ajit Singh		b)	Bhagat Singh	
	c) Banke Dayal		d)	None of the above	/e
17.	Consider the following Statement I: Graphene Statement II: Carbon na	is a single thin layer 2D		3D tube or cylind	ler
	Which of the above state	ement(s) is/are correct?			
	a) Only II		b)	Only I	
	c) Neither I nor II		d)	Both I and II	
18.	Consider the following 1) India will host the G2 2) Piyush Goyal, Union Sherpa for the G20 su 3) The meet will be held	20 summit in 2023 for the Minister of Commerce ammit in 2023.	and Ind		pointed as India's
	Which of the above state	ement/s is/are correct?			
	a) 1 only	b) 1, 2 and 3	c)	2 and 3 only	d) 1 and 2 only
19.	The increase in oil seeds	s production was due to	:		
	a) White revolution	1	b)	Yellow revolution	a
	c) Green revolution	1	d)	Brown revolution	1

20.	Who became the first In in all the cricket formats?		to complete 10,000 in	nternational runs	
	a) Smriti Mandhana		b) Mithali Raj		
	c) Harmanpreet Kaur		d) Shikha Pandey		
21.	Consider the following stat 1) National Science Day Raman. 2) Sir CV Raman was a Effect. 3) The theme of the Natio technology for a sustain	is celebrated in India or warded Nobel Prize in nal Science Day of 2022	1930 for his discovery	of the Raman	
	Which of the above statem a) 1 and 2 only		c) 1 and 3 only	d) 1, 2 and 3	
22.	Consider the following stat	tements:			
	 The 20th edition of the World Sustainable Development Summit was organized by 'The Energy and Resources Institute' (TERI) in 2022. The theme of the Summit is 'Towards a Resilient Planet: Ensuring a Sustainable and Equitable Future'. 				
	Which of the above statem	ents are correct?			
	a) 1 only		b) 2 only		
	c) Both 1 and 2		d) Neither 1 nor 2		
23.	Visakhapatnam based stat built INS Sindhuvir for wh	-		l Limited (HSL)	
	a) Singapore	b) Myanmar	c) Sri Lanka	d) Maldives	
24.	The first recombinant antig	gen vaccine approved for	human use is		
	a) Hepatitis B vaccine	;	b) Hib vaccine		
	c) Var vaccine		d) DPT vaccine		
25.	Consider the following st Defence Research and Dev		-	test fired by the	
	 It is India's first surface- The missile was tested for 		-	oast of Odisha.	

	3) It is a 150-500 k capacity of 100-500	m short-range and is a d) kg.	surface-	to-surface missile w	rith a payload
	Which of the statemen	nts given above is/are co	rrect?		
	a) 1 and 3 only			1 and 2 only	
	c) 2 and 3 only		d)	1,2 and 3	
26.	A purely Indian conce	rn founded in 1895 was:			
	a) Bank of Punjab)	b)	Punjab Insurance Co	ompany
	c) Punjab Nationa	al Bank	d)	People's Bank	
27.	The term Mahalwari S	System is defined as			
	a) It comes from	the word Mahalla			
	b) It stood for Du	al Government			
	c) The system der	rives its name from the w	vord <i>maha</i>	al which means a esta	te or a village
	d) Revenue settle	ment with a zamindar of	a village		
28.	1) Kyoto Protocon Nations France setting intern 2) It was adopted 3) It recognizes responsible for the detailed in Tokyo.	g statement (s) about the col is an international nework Convention on Cationally binding emission of the care into the current level of Grules for the implementation of the codes given b) 2 and 3	agreement Climate Cloon reduction of force in 2000 and and condition of the condition of the condition of the clook.	nt linked to the UNF change) which commit ion targets. 2005. developing countries ions.	FCCC (United s its parties by are equally
29.	Which of the followin Vice President of India	g books has been writte	n by Shri	Mohammad Hamid	Ansari, former
	, -	ving the Idea of India			
		ppy Accident: Recollecti	ions of a I	Life	
	d) The Commony	vealth of Cricket: A Life Game Known to Humanl	long Love		t Subtle and
30.	statement:	ne evolution of Pancha erence for G. V. K. R		•	_

administrative arrangements for rural development.

	2) L. M. Singhvi Comr the Panchayti Raj In	stitutions.	1 1 1	the revitalization of
	Which of the statements	given above is/are corre		
	a) 1 only		b) 2 only	
	c) Both I and 2		d) Neither 1 nor 2	
31.	Which of the following of age to protect them a conditions?	_		
	a) Pradhan Mantri	Ujjwala Yojana		
	b) Pradhan Mantri	Vaya Vandana Yojana		
	c) Pradhan Mantri	Jeevan Jyoti Bima Yojar	a	
	d) Pradhan Mantri	Jan-Dhan Yojana		
32.	Whom did Ahmed Shah	Abdali defeat in 1752 to	o occupy Lahore?	
	a) Muin ul Mulk		b) Safdar Jung	
	c) Shah Nawaz Kha	an	d) Yahiya Khan	
33.	Who amongst the follow	ring introduced railways	for the first time in Indi	ia?
	a) Lord Wellesley		b) Lord Hastings	
	c) Lord Dalhousie		d) Lord Ripon	
34.	Dark green colouration	n leaves is caused due to	deficiency of which m	ineral?
	a) Calcium	b) Phosphorus	c) Nitrogen	d) Potassium
35.	Leading cause of Diarrh	eal disease		
	a) Enterotoxigenic	Escherichia coli	b) Salmonella(nor	n-typhoid)
	c) Rotavirus		d) Campylobacter	jejuni
36.	The present base year of	Wholesale Price Index	is -	
	a) 2000-01	b) 2002-03	c) 2011-12	d) 2005-06
37.	The Preamble of the C fraternity – ideals mainly		shrines the ideals of li	berty, equality and
	a) Russian Revolut	ion	b) Irish Revolution	n
	c) French Revolution	on	d) Cultural Revolu	ution
38.	Vitamin B ₁₂ contains –			
	a) Co	b) Mn	c) Mg	d) Fe

39.	By which bill budget does the government make arrangement for the collection of revenues for a year?						
	a) A Supplementary Budget	b) Finance B	i 11				
	c) Fiscal Budget	d) Economic	Bill				
40.	Amrita Pritam received many awards for receive:	her writings. Identify	the award she did not				
	a) Sahitya Academy Award	b) Padma Shi	i				
	c) Booker Prize for Literature	d) Jnanpith A	ward				
41.	In 1922, who organized the Swaraj party ale	ng with CR Das?					
	a) Rabindra Nath Tagore	b) Motilal Ne	hru				
	c) Subash Chandra Bose	d) Madan Mo	ohan Malaviya				
42.	Who among the following strongly said tha	"Man is a Political And	imal"?				
	a) Socrates	b) Plato					
	c) Aristotle	d) None of th	e Above.				
43.	'Meerut Conspiracy case' is associated with which of the following?						
	a) Industrial disputes	b) Trade Uni	on Act				
	c) Bonded Labor	d) None of al	oove				
44.	Trichoderma harzianum has proved a usefu	microorganism for:					
	a) Reclamation of wastelands						
	b) Bioremediation of contaminated soi	S					
	c) Biological control of soil-borne plan	pathogens					
	d) Gene transfer in higher plants						
45.	With reference to the electronic voting machines, consider the following statements: 1) The Voter Verifiable Paper Audit Trail System (VVPAT) is a standard feature of all electronic voting machines (EVM)						
	_ ·	2) Standard features of electronic voting machines does not include functions of VVPAT					
	system. Which of the statements given above is/are	correct?					
	a) 1 only	b) 2 only					
	c) Both I and 2	d) Neither 1 i	or 2				
46.	Who is the current Secretary General of Un	ted Nations Organisation	on (UNO)?				
	a) Antonio Guterres	b) Kurt Wald	heim				
	c) Boutros Boutros-Ghali	d) Ban Ki Mo	oon				

47.	Which of the following governments has recently issued a coin in the name of Mahatma Gandhi to commemorate his life and legacy?					f Mahatma	
	a)	United States of A	America	b)	Australia		
	c)	Ukraine		d)	United Kingdom	ı	
48.		of the following sosate in May, 2021	states has declared a contract ?	complete	ban on the contr	oversial	herbicide,
	a)	Andhra Pradesh		b)	Telangana		
	c)	Kerala		d)	Punjab		
49.	At wh	ich place is Baba B	anda Singh Bahadur V	War Men	norial located?		
	a)	Chappar Chiri		b)	Sarhind		
	c)	Kartarpur		d)	Samana		
50.	Name	the country that ha	s issued Golden Visa	to all doc	ctors residing in th	neir cou	ntry.
	a)	Oman	b) UAE	c)	Saudi Arabia	d)	Egypt.
51.		n among the follow Mos Supersonic Cru	wing countries has s ise missile system?	igned pa	act with India fo	r the p	urchase of
	a)	Philippines	b) Indonesia	c)	Malaysia	d)	Brazil
52.	SANK	XALP has been laun	ched:				
	a)	To provide better	healthcare for rural po	oor			
	b)	To provide better	healthcare for urban p	oor			
	c)	To provide quality	education				
	d)	To provide marke	t relevant training to	youths			
53.	The m	olecular mass of a	gas is :				
	a)	Twice of its vapou	ır pressure				
	b)	Equal to its vapou	r pressure				
	c)	Half of its vapour	pressure				
	d)	Not associated with	th its vapour pressure				
54.	Whe	en and between who	om was the battle of B	uxar fou	ght?		
	6	a) In 1764, betwee	n the English and the	Confede	racy of Mir Qasin	n	
	k	o) In 1764, betwee	n Dupleix and the Co	nfederacy	y of Mir Qasim		
	C	c) In 1765, betwee	n Lord Cornwallis and	d the Cor	nfederacy of Mir	Qasim	
	C	d) In 1780, betwee	n Warren Hastings an	d Mir Jaf	far		

55 .	Based on the 2011 census, which among the following states has the highest population?				
	a) Madhya Prad	esh	b) N	Maharashtra	
	c) Rajasthan		d) (Bujarat	
56.	India has been re-ele sixth term from -	ected to the United Nation	ons Human l	Rights Council	(UNHRC) for the
	a) January 2021	to December 2023	b) J	anuary 2022 to 1	December 2024
	c) January 2023	to December 2024	d) J	anuary 2024 to 1	December 2026
57.	The relation between	algae and fungi in licher	n is		
	a) Symbiosis		b) P	Parasitism	
	c) Commenalism	n	d) P	Protocooperation	1
58.	What is the name of t	the element with atomic	number 1055	?	
	a) Dubnium		b) I	Iolmium	
	c) Kwichatoviur	n	d) N	Nobelium	
59 .	Glycolysis process or	ecurs in which part of the	e cell?		
	a) Cytoplasm	b) Nucleus	c) N	Mitochondria	d) Chloroplast
60.	Which of the following Turtles in India?	ng is a world famous bea	ich for the 'A	Arribada' (arriva	al) of Olive Ridley
	a) Gahirmatha, G	Orissa	b) N	Marina Beach, C	hennai
	c) Gulf of Kutch	ı, Gujarat	d) k	Kovalam Beach,	Kerala
61.	Which among the fol	lowing is not an Indirect	Tax?		
	a) Corporation T	Tax	b) S	Service Tax	
	c) Custom Duty		d) E	Excise Duty	
62.	The Allahabad pillar	inscription was compose	ed by		
	a) Meghavarma	b) Harisena	c) R	Rudradeva	d) Ravikirti
63.	Who authored the bo	ok <i>Poverty and Un-Briti</i>	sh Rule in In	dia?	
	a) R.C.Dutt		b) [Dadabhai Naoroj	i
	C) Rajani Palm I	Outt	d) E	Bipan Chandra	
64.	The metal which is g	generally absorbed by pl	ants along v	vith Zn and cau	ses "Ouch Ouch"
	a) Pb	b) Cd	c) I	łg	d) Cr
65.	"Bermuda grass allei	rgy" is a type of			

	a) Air-borne allerg	y	b) Contact allergy	7
	c) Hydro-borne all	ergy	d) Soil-borne aller	rgy
66.	Which Governor Gener	al brought Civil Services	into existence in India?	,
	a) Lord Cornwallis		b) Lord Wellesley	7
	c) Lord William Be	enting	d) Lord Sailles Bu	ıry
67.		cecraft on a twelve-year that share Jupiter's orbit	=	belt asteroid as well
	a) Orion	b) Apollo	c) Voyager	d) Lucy
68.	Which is the major causage?	se of nutritional blindnes	s in children usually be	tween 1 - 3 years of
	a) Scurvy		b) Keratomalacia	
	c) Aneamia		d) Dandruff	
69.	The famous drama, 'Mu	ıdrarakshasa' was writter	ı by	
	a) Malayakethu	b) Visakhadatta	c) Kautilya	d) Chanakya
70.	According to Article 1 which are directly elected	70, the maximum men	abers of the State Leg	islative Assemblies
	a) 403	b) 485	c) 484	d) 500
71.	In which year, the Unite	ed Nations adopted the U	niversal Declaration of	Human Rights?
	a) 1945	b) 1948	c) 1966	d) 1981
72.	Kashmir is considered	statements: station in the southwest ed as the "Niagara Falls" ed in Baramulla District	of Kashmir.	alley of Jammu and
	Which of the above stat	ements are correct?		
	a) 1 only		b) 2 only	
	c) Both 1 and 2		d) Neither 1 nor 2	
73.	Common indicator orga	nism of water pollution i	s:	
	a) Entamoeba histo		b) Escherichia col	i
	c) Eichhornia crass	ipes	d) Lemna paucico	stata
74.	_	wing has been recently ation Authority in the sta		Figer reserve by the
	a) Indravati			
	b) Sitanadi			

	c) Achanakmar					
	d) Guru Ghasidas Nati	onal Park andTamor Pin	ıgla V	Wildlife Sanctuary		
75.	What is the name of a specloss may result in ecosyster		ected	l to the entire food v	veb	and whose
	a) Limiting species		b)	Keystone species		
	c) Vital species		d)	Top species		
76.	With reference to Raja Ran	n Mohan Roy, which of	the f	ollowing statements	is/ar	e correct?
	 He believed that English education would open the gates of the liberal thought of the English in India. He sponsored the opening of the Hindu College and fought for the freedom of press He was the first man to enunciate the rights of man He cannot be called as prophet of Humanity 					
	a) 1 and 2	b) 1, 2 and 3	c)	3 and 4	d)	1 and 3
77.	The performing art 'Nata S	ankirtana' is a festival o	f			
	a) Mizoram	b) Manipur	c)	Assam	d)	Tripura.
	 statements about types of unemployment in India. 1) Disguised unemployment happens when people are not able to find jobs during some months of the year due to agricultural patterns. 2) Educated unemployment is a result of improper management of Human resources. 3) In case of India, statistically, the unemployment rate is low. Select the correct statements using codes below. 					
	a) 1 and 2	C	b)	1 and 3		
	c) 2 and 3		d)	All of the above		
79.	Match the following Internation 1) ILO 2) IMF 3) UNESCO 4) UNICEF	ational Organizations an A. Washington D.C. B. Geneva C. New York City D. Paris	d the	eir headquarters		
	a) 1-D, 2-C, 3-B, 4-A		,	1-C, 2-A, 3-D, 4-B		
	c) 1-B, 2-A, 3-D, 4-C		d)	1-C, 2-D, 3-A, 4-B		
80.	What is the objective of SAa) To provide supportb) To provide electronc) To support children	to single women ic access to farmers in a		ng credit		

d) To support elderly affected during covid-19

Section-II

Directions (**Question Nos. 81 to 85**): Read the following information carefully to answer the questions:

- I. 8 Kids Neelaksh, Asmita, Ishita, Ponty, Tanu, Dodo, Navya and Rudraksh are sitting for dinner on a round table facing centre.
- II. Ponty is sitting between Neelaksh and Navya.
- III. Rudraksh and Dodo are sitting next to each other.
- IV. Exactly one person is sitting between Tanu and Asmita.
- V. Asmita is to the right of Dodo.
- VI. Neelaksh is not sitting adjacent to Dodo.
- **81.** What is the position of Ishita with respect to Navya?
 - a) Fourth to the right

b) Second to the right

c) Second to the left

d) Third to the left

- **82.** Who is sitting between Neelaksh and Ishita?
 - a) Ponty
- b) Navya
- c) Rudraksh
- d) Tanu
- **83.** In which of the following pairs, second person is sitting to the right of first person.
 - a) Ponty, Neelaksh

b) Dodo, Rudraksh

c) Ishita, Asmita

d) Navya, Rudraksh

- **84.** Which of the following is correct?
 - a) Dodo is third to the right of Ponty
 - b) Asmita is second to the right of Tanu
 - c) Ishita is third to the right of Dodo
 - d) Neelaksh is second to the left of Tanu
- **85.** Which of the following pairs is sitting next to each other?

a) Dodo, Ishita

b) Navya, Rudraksh

c) Asmita, Tanu

d) Ishita, Neelaksh

Directions (Question Nos. 86 to 89): The following table provides the details about the number of students in 5 different sports over the years.

Years	Sport					
Tears	Cricket	Football	Basketball	Hockey	Kabaddi	
2017	66	144	145	128	111	
2018	121	56	100	109	149	
2019	79	104	116	99	78	
2020	60	57	137	150	92	

	2	2021	132	52	74	1	16	82		
86.	For which sp	ort, total	number o	of participa	nts in all 5	yea	rs is sec	ond highes	t?	
	a) Kaba	ddi	b)	Football		c)	Hockey	7	d)	Basketball
87.	What is the compared to	the stude	-	_		ne sa	ame year	-	Hockey	in 2018
	a) 111%)				b)	90%			
	c) 43%					d)	None of	f the above		
88.	In which yea	r was the	percenta	ge of stude	ents particij	patii	ng in Bas	sketball the	maxii	num?
	a) 2017		b)	2018		c)	2019		d)	2020
89.	What is the except Kabao		-	_	-	mbe	r of stud	dents partic	cipated	in sports
	a) 21.67	1%	b)	22.89%		c)	16.35%)	d)	41.32%
90.	What is mirro	or image	of RAJA	STHAN?						
	а) ИАТ	Ū				b)	ИАНТ	RA JSA		
	с) ИАТ.					,		RA JAS		
91.	If $5 - 5 = 24$			n find tha	volue of 10	,				
91.	a) 56	and 7 – 7		91	value of 10		99		d)	8U
	,		,			,			,	
92.	A man introd How is the w			-	se of the o	only	son of	his grandfa	ather's	only son.
	a) Wife			Cousin		c)	Sister in	n law	d)	Sister
93.	There are tw	a bia yaa	,		nina mille	,			,	
93.	B, then the n milk in A is	nilk in bo	th vessels	s is same. 1	If 20 litres	of n	nilk is po	oured from		
	a) 100		b)	80		c)	20		d)	200
94.	Three partner assignment. C's share. W	They got	an amou							
	a) 224		b)	160		c)	254		d)	248
95.	Looking at a Brothers and	-							my fa	ther's son.
	a) His a	unt	b)	His Daug	hter	c)	His nie	ce	d)	His cousin
96.	A can do a p the work alo days more B	ne and A	A joined l	-			-		•	

	a) 5	b) 10	c) 7	d) 8
97.	A number consists of two number its digits are interest	_	_	acted from the
	a) 63	b) 72	c) 81	d) 90
98.	If South- East becomes I become?	North, North- East become	mes West and so on. W	hat will West
	a) South-West		b) North – West	
	c) North- East		d) South- East	
99.	In an election between two votes were invalid. If the to other candidate got, was:			
	a) 2500		b) 2700	
	c) 2900		d) 3100	
100.	Monika and Seema both walking 10 km. Seema to some time and then walks return to their respective S a) 15 km	arns to right after walkin another 5 km, whereas S	g the same distance. Mo Seema walks only 3 km.	onika waits for They both then
	a) 13 km	<i>b)</i> 10 km	C) 8 KIII	G) 12 KIII
101.	A student has 60% chance and Mathematics. What is	the percentage probabilit	y that he will fail in Math	nematics?
	a) 12	b) 36	c) 4	d) 10
102.	Select the one which is dif	ferent from the other thre	e responses.	
	a) TGSH	b) CXDW	c) AZBY	d) EVFU
103.	Ratio of Sonu's age to Myears, the present age of M		3. If Sonu will be 26 ye	ears old after 6
	a) 11	b) 15	c) 14	d) 17
104.	There are six bells in a ten 4, 6, 8, 10 and 12 seconds	*	U U	
	a) 50	b) 30	c) 31	d) 15
105.	The percentage profit earn loss incurred by selling the article be sold to make 409	ne same article for Rs. 3	-	
	a) 5760	b) 6000	c) 6720	d) 6260
106.	How many numbers from 4 but also has 4 as a digit?	1 to 100 are there, each of	of which is not only exac	tly divisible by

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	a) 19	b) 12	c) 10	d) 7
107.	If the English letters the right of 12th letter	s A to Z are written in a er from the left?	reverse order then what	is the fourth letter to
	a) J		b) K	
	c) R		d) L	
108.		e, Raghu stood 13 th fron tween Raghu and Vipin?	n the first and Vipin sto	od 25 th from the last.
	a) 34	b) 35	c) 36	d) 37
109.	If 65% of a number the second number?	is equal to 13/5 of anoth	er number, what is the ra	atio of first number to
	a) 5:13	b) 4:5	c) 5:4	d) 4:1
110.		s chocolates in the ratio of find the minimum total n		
	a) 210	b) 247	c) 420	d) 105
111.	Rahul is shorter tha	n, Geet and Rinku are fi n Prem but taller than R ho is taller than Rinku bu b) Rinku	inku. Geet is little shorte	•
	a) 11	3) 1	c) 110111	2 , 3333
112.	_	m, moving at a speed of		
	a) 8sec	b) 14sec	c) 6sec	d) 15sec
113.		peacocks in a zoo. By ow many peacocks are the	_	80 and the number of
	a) 30	b) 50	c) 20	d) 60
114.		ich is different from othe 0, 1315, 2518	rs in the following group	:
	a) 1315	b) 2518	c) 8314	d) 2709
115.	If it was Tuesday on	3 rd January, 2006. What	was the day on 3 rd Ianua	rv 2010?
	a) Monday	b) Sunday	c) Wednesday	
	,	, -	,	,
116.	B?	B's mother. D is C's fath	-	
	a) Granddaught	ter	b) Grand Father	
	c) Grandson		d) Grand Mothe	er
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117.	• Sunil and Barry start from the same point and in the same direction at 8:00 am to walk around a rectangular field 500m x 400m. Sunil and Barry walk at the rate of 4km/h and 3km/h respectively. How many times shall they cross each other, if they continue to walk till 01: 30 pm?						
	a) Never	b) Once	c) Twice	d) Thrice			
118.	The data given in the household.	e following table sum	marizes the monthly bu	idget of an average			
	CATEGORY AMOUNT						
	FOOD	4000					
	CLOTHING	1200					
	RENT	2000					
	SAVINGS	1500					
	OTHERS	1800					
		The approximate percentage of the monthly budget not spent on saving is					
	a) 10%	b) 14%	c) 81%	d) 86%			
119.	Jyoti. Jyoti gave Rs 10		shar in turn gave 2/3 rd of eceives to a taxi driver, ially?				
	a) Rs. 2000	b) Rs. 2200	c) Rs. 2800	d) Rs. 1800			
120.	What will come next in	n the series: abc, dfh, ilo	,?				
	a) pqr	b) ptx	C) prt	d) psv			
		****	•				

Rough Work

PUNJAB PUBLIC SERVICE COMMISSION

Objective Type Test (Feb-2022) for Recruitment to the post of Analyst in the Department of Home Affairs & Justice, Government of Punjab

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Total Questions: 120 Time Allowed: 2 Hours

Candidate's Name	Question
Father's Name	Booklet Set
Date of Birth DD MM YYYY	
OMR Response Sheet No.	
Roll No	Booklet Series No.
Candidate's Signature (Please sign in the box)	
INSTRUCTIONS	

- 1. The candidate shall NOT open this booklet till the time told to do so by the Invigilation Staff. However, in the meantime, the candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL letters. The candidate may also fill the relevant boxes out of 1 to 9 of the Optical Mark Reader (OMR) response sheet, supplied separately
- 2. Use only blue or black **ball point pen** to fill the relevant columns on this page as well as in OMR sheet. Use of lnk pen or any other pen is not allowed.
- 3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible or incomplete.
- 4. Each candidate is required to attempt 120 questions in 120 minutes, except for orthopedically/visually impaired candidates, who would be given 40 extra minutes, for marking correct responses on the OMR sheet.
- 5. The question paper booklet has 19 pages.
- 6. The candidates, <u>when allowed to open</u> the question paper booklet, <u>must first check the entire booklet</u> to confirm that the booklet has complete number of pages, the pages printed correctly and there are no blank pages. In case there is any such error in the question paper booklet then the candidate should IMMEDIATELY bring this fact to the notice of the Invigilation Staff and obtain a new booklet of the same series as given earlier.
- 7. The serial number of the new Question booklet if issued for some reason should be entered in the relevant column of the OMR. The Invigilation Staff must make necessary corrections in their record regarding the change in the serial no. of Question booklet.
- 8. The paper consists of total 480 Marks. Each question shall carry 4 marks. There are four options for each question and the candidate has to mark the <u>MOST APPROPRIATE</u> answer on the OMR response sheet.
- 9. There is negative marking (one mark for each question) for answers wrongly answered by the candidate.
- 10. Use of Electronic/Manual Calculator is prohibited.
- 11. The candidate <u>MUST READ INSTRUCTIONS BEHIND THE OMR SHEET</u> before answering the Questions and check that two carbon copies attached to the OMR sheet are intact.

Section-I

- **1.** The term *Mahalwari* System is defined as
 - a) It comes from the word Mahalla
 - b) It stood for Dual Government
 - c) The system derives its name from the word *mahal* which means a estate or a village
 - d) Revenue settlement with a zamindar of a village
- **2.** Where is water stored in baobab tree?

a) Fruit

b) Trunk having a spongy layer

c) Leaves

d) Flowers

- **3.** Who is the current Secretary General of United Nations Organisation (UNO)?
 - a) Antonio Guterres

b) Kurt Waldheim

C) Boutros Boutros-Ghali

d) Ban Ki Moon

4.	Which of the following Vice President of India	g books has been written in 2021?	n by Shri	Mohammad Hamio	l Ansari, former
	a) Hop On: My Adventures on Boats, Trains and Planes				
	b) Undaunted: Sav	ring the Idea of India			
	c) By Many a Hap	py Accident: Recollecti	ons of a L	Life	
	,	ealth of Cricket: A Lifel came Known to Humank	_	Affair with the Mo	ost Subtle and
5.	1) Kyoto Protoc Nations Fram setting interna	statement (s) about the col is an international a ework Convention on Cationally binding emission in 1997 and came into	agreement Climate Ch on reducti	t linked to the UN nange) which common targets.	NFCCC (United
	· -	d that both develope			es are equally
	<u> </u>	or the current level of GI			1
	4) The detailed in Tokyo.	rules for the implementa	ation of th	ne Protocol were ad	opted at COP-/
	<u>▼</u>	er from the codes given	below.		
	a) 1 and 2	b) 2 and 3	c)	1 and 4	d) 2 and 4
6.	Who among the follow	ing strongly said that "N	Man is a P	olitical Animal"?	
	a) Socrates	2 2 3		Plato	
	c) Aristotle		ď)	None of the Above	<u>,</u>
7.	Consider the following	statements:			
	Kashmir is consider	station in the southwested as the "Niagara Falls	of Kash	mir.	of Jammu and
	2) Anardai falis is iocal	ted in Baramulla Distric	t of Kasni	mir vaney.	
	Which of the above sta	tements are correct?			
	a) 1 only		b)	2 only	
	c) Both 1 and 2		d)	Neither 1 nor 2	
8.	The three states which Amendment) Act are:	are exempted from the	purview o	of the Constitution	(Seventy – third
	a) Manipur, Tripu	ra and Assam	b)	Nagaland, Meghala	aya and Mizoram
	c) Arunachal Prad	esh, Sikkim and Goa	d)	Sikkim, Tripura an	d Assam
9.	In 1922, who organized	the Swaraj party along	with CR	Das?	
	a) Rabindra Nath			Motilal Nehru	

1) India will host the G20 summit in 2023 for the first time. 2) Piyush Goyal, Union Minister of Commerce and Industry has been appointed as India's Sherpa for the G20 summit in 2023. 3) The meet will be held in Hyderabad, Telangana. Which of the above statement/s is/are correct? a) 1 only b) 1, 2 and 3 c) 2 and 3 only d) 1 and 2 only 11. Which of the following has been linked to excessive UV-B exposure? a) Skin cancer b) Ricketts c) Multiple sclerosis d) All of the above 12. Based on the 2011 census, which among the following states has the highest population? a) Madhya Pradesh b) Maharashtra c) Rajasthan d) Gujarat 13. The first recombinant antigen vaccine approved for human use is a) Hepatitis B vaccine b) Hib vaccine c) Var vaccine d) DPT vaccine 14. The term 'recess' in parliamentary proceedings is referred to: a) The time between adjournments b) The time between dissolution of parliament and re-election c) The Zero Hour d) The time between prorogation of parliament and its re-assembly in a new session 15. Vitamin B ₁₂ contains — a) Co b) Mn c) Mg d) Fe		c) Subash Chandr	a Bose	d) Madan Moha	n Malaviya
a) 1 only b) 1, 2 and 3 c) 2 and 3 only d) 1 and 2 only 11. Which of the following has been linked to excessive UV-B exposure? a) Skin cancer b) Ricketts c) Multiple sclerosis d) All of the above 12. Based on the 2011 census, which among the following states has the highest population? a) Madhya Pradesh b) Maharashtra c) Rajasthan d) Gujarat 13. The first recombinant antigen vaccine approved for human use is a) Hepatitis B vaccine c) Var vaccine b) Hib vaccine c) Var vaccine d) DPT vaccine 14. The term 'recess' in parliamentary proceedings is referred to: a) The time between adjournments b) The time between dissolution of parliament and re-election c) The Zero Hour d) The time between prorogation of parliament and its re-assembly in a new session 15. Vitamin B ₁₂ contains — a) Co b) Mn c) Mg d) Fe 16. The consumption of Chemical fertilizers was an important factor in the success of Green Revolution in the late 1960's. Consider the following statements. 1) Chemical fertilizers dissolve in water and are immediately available to plants. 2) Chemical fertilizers can kill bacteria and other micro-organisms in soil. 3) The use of Chemical fertilizers caused the rise in cost of production in the long term. Select the correct ones. a) 1 and 2 b) 2 and 3	10.	 India will host the C Piyush Goyal, Unio Sherpa for the G20 s 	520 summit in 2023 for the Minister of Commerce summit in 2023.	e and Industry has been	appointed as India's
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c) Multiple sclerosis d) All of the above 12. Based on the 2011 census, which among the following states has the highest population? a) Madhya Pradesh b) Maharashtra c) Rajasthan d) Gujarat 13. The first recombinant antigen vaccine approved for human use is a) Hepatitis B vaccine c) Var vaccine b) Hib vaccine c) Var vaccine d) DPT vaccine 14. The term 'recess' in parliamentary proceedings is referred to: a) The time between adjournments b) The time between dissolution of parliament and re-election c) The Zero Hour d) The time between prorogation of parliament and its re-assembly in a new session 15. Vitamin B ₁₂ contains — a) Co b) Mn c) Mg d) Fe 16. The consumption of Chemical fertilizers was an important factor in the success of Green Revolution in the late 1960's. Consider the following statements. 1) Chemical fertilizers dissolve in water and are immediately available to plants. 2) Chemical fertilizers can kill bacteria and other micro-organisms in soil. 3) The use of Chemical fertilizers caused the rise in cost of production in the long term. Select the correct ones. a) 1 and 2 b) 2 and 3	11.	Which of the following	g has been linked to exce	essive UV-B exposure?	
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Revolution in the late 1960's. Consider the following statements. 1) Chemical fertilizers dissolve in water and are immediately available to plants. 2) Chemical fertilizers can kill bacteria and other micro-organisms in soil. 3) The use of Chemical fertilizers caused the rise in cost of production in the long term. Select the correct ones. a) 1 and 2 b) 2 and 3		a) Co	b) Mn	c) Mg	d) Fe
c) 1 and 3 d) All are correct	16.	Revolution in the late 1) Chemical fertilizers 2) Chemical fertilizers 3) The use of Chemical Select the correct ones	1960's. Consider the followissolve in water and are can kill bacteria and other leftilizers caused the risk	owing statements. e immediately available er micro-organisms in s se in cost of production	to plants. oil.
		c) 1 and 3		d) All are correc	t

17.	Amrita Pritam receive receive:	d many awards for her	writings. Identify the	ritings. Identify the award she did not				
	a) Sahitya Academ	y Award	b) Padma Shri					
	c) Booker Prize fo	Literature	d) Jnanpith Awa	ırd				
18.	Which among the foll BrahMos Supersonic C	owing countries has signuise missile system?	ned pact with India	for the purchase of				
	a) Philippines	b) Indonesia	c) Malaysia	d) Brazil				
19.	The molecular mass of	a gas is :						
	a) Twice of its vapour pressure							
	b) Equal to its vapour pressure							
	c) Half of its vapour pressure							
	d) Not associated with its vapour pressure							
20.	<u>=</u>	state-run defence shipbu which of the following o	-	oyard Limited (HSL)				
	a) Singapore	b) Myanmar	c) Sri Lanka	d) Maldives				
21.	Which Governor General brought Civil Services into existence in India?							
	a) Lord Cornwallis	;	b) Lord Wellesle	ey				
	c) Lord William B	enting	d) Lord Sailles I	Bury				
22.	SANKALP has been la	unched:						
	a) To provide bette	er healthcare for rural poo	r					
	b) To provide bette	er healthcare for urban po	or					
	c) To provide qual	ity education						
	d) To provide market relevant training to youths							
23.	Which among the follow	wing is not an Indirect Ta	x?					
	a) Corporation Tax		b) Service Tax					
	c) Custom Duty		d) Excise Duty					
24.		ve unemployment in rur		onsider the following				
	statements about types of unemployment in India. 1) Disguised unemployment happens when people are not able to find jobs during some months of the year due to agricultural patterns.							
	2) Educated unemployment is a result of improper management of Human resources.							

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3) In case of India, statistically, the unemployment rate is low.

Select the correct statements using codes below.

	a)	1 and 2		b)	1 and 3			
	c)	2 and 3		d)	All of the above	;		
25.	What i	is the objective of	SAMVEDNA Scheme	e?				
	a) To provide support to single women							
	b) To provide electronic access to farmers in availing credit							
	c) To support children affected during covid-19							
	d)	To support elderl	y affected during covi	id-19				
26.	Which culture		als was not represent	ed on the	seals and terraco	tta art of Harappan		
	a)	Unicorn	b) Tiger	c)	Cow	d) Rhinoceros		
27.			ecraft on a twelve-ye that share Jupiter's orl			elt asteroid as well		
	a)	Orion	b) Apollo	c)	Voyager	d) Lucy		
29.	b) c) d)	Delhi Faizabad Bareilly nemical composition	Begam Hazrat N Bakht Khan Kunwar Singh Khan Bahadur on of 'slag' formed du		melting process	in the extraction of		
	a)	CuO + FeS	b) FeSiO ₃	c)	CuFcS ₂	d) $Cu_2S + FeC$		
30.	Which of the following states has declared a complete ban on the controversial herbicide, Glyphosate in May, 2021?							
	a)	Andhra Pradesh		b)	Telangana			
	c)	Kerala		d)	Punjab			
31.	Tricho	derma harzianum	has proved a useful m	nicroorgan	nism for:			
	a)	Reclamation of w	vastelands					
	b)	Bioremediation o	f contaminated soils					
	c)	Biological contro	l of soil-borne plant p	athogens				
	d)	Gene transfer in h	nigher plants					
32.		of the following is in India?	s a world famous bear	ch for the	'Arribada' (arriv	al) of Olive Ridley		

	a) Gahirmatha, Orissa	b) Marina Beach, Chen	nai			
	c) Gulf of Kutch, Guja	rat C	l) Kovalam Beach, Ker	rala			
33.	The Preamble of the Con fraternity – ideals mainly in		s the ideals of liberty	, equality and			
	a) Russian Revolution	b) Irish Revolution				
	c) French Revolution	C	d) Cultural Revolution				
34.	What is the name of the ele	ment with atomic number	105?				
	a) Dubnium	b) Holmium				
	c) Kwichatovium	C	l) Nobelium				
35.	When and between whon	n was the battle of Buxar fo	ought?				
	a) In 1764, between	the English and the Confed	eracy of Mir Qasim				
		Dupleix and the Confedera	•				
	c) In 1765, between	Lord Cornwallis and the Co	onfederacy of Mir Qasi	im			
	d) In 1780, between	Warren Hastings and Mir J	afar				
36.	By which bill budget does for a year ?	the government make arran	gement for the collection	on of revenues			
	a) A Supplementary B	udget b) Finance Bill				
	c) Fiscal Budget	C	l) Economic Bill				
37 .	Dark green colouration in l	eaves is caused due to defic	ciency of which mineral	1?			
	a) Calcium	b) Phosphorus	c) Nitrogen	d) Potassium			
38.	With reference to the electronic voting machines, consider the following statements: 1) The Voter Verifiable Paper Audit Trail System (VVPAT) is a standard feature of all electronic voting machines (EVM)						
	2) Standard features of electronic voting machines does not include functions of VVPAT						
	system. Which of the statements given above is/are correct?						
			o) 2 only				
	a) 1 only		,				
	c) Both I and 2		Neither 1 nor 2				
39.	The metal which is general disease in human beings is	lly absorbed by plants alor	ng with Zn and causes	"Ouch Ouch"			
	a) Pb	b) Cd	c) Hg	d) Cr			
40.	"Bermuda grass allergy" is	a type of					
	a) Air-borne allergy	b) Contact allergy				

	c) Hydro-borne alle	rgy	d)	Soil-borne allergy			
41.	Consider the following Statements: Statement I: Graphene is a single thin layer 2D film Statement II: Carbon nanotube is a thin film rolled like a 3D tube or cylinder						
	Which of the above state	ement(s) is/are correct?					
	a) Only II		b)	Only I			
	c) Neither I nor II		ď)	Both I and II			
42.	The present base year of	Wholesale Price Index is	s -				
	a) 2000-01	b) 2002-03	c)	2011-12	d)	2005-06	
43.	Glycolysis process occur	rs in which part of the ce	11?				
	a) Cytoplasm	b) Nucleus	c)	Mitochondria	d)	Chloroplast	
44.	Who among the following	ng wrote "Pagri Sambhal	Jatta"				
	a) Ajit Singh		b)	Bhagat Singh			
	c) Banke Dayal		d)	None of the above			
45 .	The Allahabad pillar inso	cription was composed b	y				
	a) Meghavarma	b) Harisena	c)	Rudradeva	d)	Ravikirti	
46.	Consider the following s 1) Paperless Union budg	tatements: et has been introduced in	n India	in 2021 to avoid the	e prii	nting of the	
	budget documents an	nid the COVID pandemic	.				
	2) The convention of probudget paperless.	esenting budget in a brief	fcase w	as discontinued in 2	2021	by making	
	Which of the above state	ements are correct?					
	a) 1 only		b)	2 only			
	c) Both 1 and 2		d)	Neither 1 nor 2			
47.	The famous drama, 'Mue	drarakshasa' was written	by				
	a) Malayakethu	b) Visakhadatta	c)	Kautilya	d)	Chanakya	
48.	Which of the following of age to protect them a conditions?					-	
	a) Pradhan Mantri U	Jjjwala Yojana					
	b) Pradhan Mantri Vaya Vandana Yojana						

	c) Pradhan Mantri Jeev	an Jyoti Bima Yojana			
	d) Pradhan Mantri Jan-	Dhan Yojana			
19 .	The relation between algae	and fungi in lichen is			
	a) Symbiosis		b)	Parasitism	
	c) Commenalism		d)	Protocooperation	
50.	The orbital angular moment	tum of a P-electron is gi			
	a) $\frac{h}{\sqrt{2\pi}}$		b)	$\sqrt{3} \frac{h}{2\pi}$ $\sqrt{6} \frac{h}{2\pi}$	
	a) $\frac{h}{\sqrt{2\pi}}$ c) $\sqrt{\frac{3h}{2\pi}}$		d)	$\sqrt{6} \frac{h}{2\pi}$	
51.	Match the following Interna	ntional Organizations an	d the	eir headquarters	
	1) ILO	A. Washington D.C.			
	2) IMF	B. Geneva			
	3) UNESCO 4) UNICEF	C. New York City D. Paris			
	a) 1-D, 2-C, 3-B, 4-A	D. I alls	b)	1-C, 2-A, 3-D, 4-B	
	c) 1-B, 2-A, 3-D, 4-C			1-C, 2-D, 3-A, 4-B	
52.	Silviculture is the managem	ent of			
	a) Rivers	b) Lakes	c)	Hills	d) Forests
53.	Whom did Ahmed Shah Ab	odali defeat in 1752 to o	ccup	y Lahore?	,
	a) Muin ul Mulk		b)	Safdar Jung	
	c) Shah Nawaz Khan		d)	Yahiya Khan	
54.	Consider the following sta Defence Research and Deve		•	•	t fired by the
	 It is India's first surface-t The missile was tested fr It is a 150-500 km sh capacity of 100-500 kg. 	om the Dr A.P.J. Abdul	Kala	am Island off the coas	
	Which of the statements gi	ven above is/are correct	?		
	a) 1 and 3 only		b)	1 and 2 only	
	c) 2 and 3 only		d)	1,2 and 3	
55.	The increase in oil seeds pro	oduction was due to:			
	a) White revolution		b)	Yellow revolution	
	c) Green revolution		d)	Brown revolution	

56.	For the very first time, this virus was synthesized in the form of non-living crystals				
	a) Bacteriophag	e	b)	Tobacco mosaic v	rirus
	c) Flu Virus		d)	Pox virus	
57.	At which place is Ba	ba Banda Singh Bahad	ur War Men	norial located?	
	a) Chappar Chir	i	b)	Sarhind	
	c) Kartarpur		d)	Samana	
58.	What is the name of loss may result in eco	a species that is high osystem collapse?	ly connected	l to the entire food	web and whose
	a) Limiting spec	eies	b)	Keystone species	
	c) Vital species		d)	Top species	
59.	The New Developm by the BRICS headq	ent Bank (NDB) is a puartered in:	multilateral	development institu	ution established
	a) Shanghai		b)	St. Petersburg	
	c) New Delhi		d)	Sao Paulo	
60.		ing governments has rarate his life and legacy	•	ed a coin in the na	ame of Mahatma
	a) United States	of America	b)	Australia	
	c) Ukraine		d)	United Kingdom	
61.	With reference to statement:	the evolution of Pan	nchayati Raj	j System, conside	r the following
	administrative ar	ference for G. V. K. rangements for rural de	evelopment.		_
	the Panchayti Ra Which of the stateme	j Institutions. ents given above is/are	correct?		
	a) 1 only	21.02 B1.011 0.00 (0.15) 012 0		2 only	
	c) Both I and 2		•	Neither 1 nor 2	
62.	In which year, the U	nited Nations adopted t	he Universa	l Declaration of Hu	man Rights?
	a) 1945	b) 1948		1966	d) 1981
63.	Which Five year plan	n recommended the lan	d ceiling lim	nit to three family h	oldings?
	a) Second Five			Third Five Year P	_
	c) Fourth Five Y			Fifth Five Year Pl	
	-, , , = =		-/		

64.	Who became the first Indian woman cricketer in all the cricket formats?			omplete 10,000 in	ternational runs			
	a) Smriti Mandhana		b) Mithali Raj					
	c) Harmanpreet Kaur		d)	Shikha Pandey				
65.	Name the country that has	issued Golden Visa to	o all doc	tors residing in thei	ir country.			
	a) Oman	b) UAE	c)	Saudi Arabia	d) Egypt.			
66.	The performing art 'Nata S	Sankirtana' is a festiva	al of					
	a) Mizoram	b) Manipur	c)	Assam	d) Tripura.			
67 .	Who authored the book Po	Who authored the book Poverty and Un-British Rule in India?						
	a) R.C.Dutt		b)	Dadabhai Naoroji				
	c) Rajani Palm Dutt		d)	Bipan Chandra				
68.	India has been re-elected sixth term from -	to the United Nations	s Humar	n Rights Council (U	UNHRC) for the			
	a) January 2021 to De	ecember 2023	b)	January 2022 to D	ecember 2024			
	c) January 2023 to De	ecember 2024	d)	January 2024 to D	ecember 2026			
69.	Consider the following star 1) The 20th edition of the Energy and Resources 1 2) The theme of the Sum Equitable Future'.	World Sustainable D Institute' (TERI) in 20	022.					
	Which of the above statem	ents are correct?						
	a) 1 only		b)	2 only				
	c) Both 1 and 2		d)	Neither 1 nor 2				
70 .	'Meerut Conspiracy case'	is associated with wh	ich of th	e following?				
	a) Industrial disputes		b)	Trade Union Act				
	c) Bonded Labor		d)	None of above				
71.	Which of the following Space Administration (NA and the Canadian Space A	ASA) in collaboration	-	-				
	a) Hubble Space Tele	-						
	b) Fermi Gamma-ray	Space Telescope						
	c) James Webb Space	Telescope						
	d) Near Earth Object Surveillance Satellite							

72	With make many to Daile	D M - 1 D1-! - 1-	- C 41 C-11					
72.	With reference to Raja Ram Mohan Roy, which of the following statements is/are correct?							
	1) He believed that English education would open the gates of the liberal thought of the English in India.							
	2) He sponsored the opening of the Hindu College and fought for the freedom of press3) He was the first man to enunciate the rights of man							
	4) He cannot be called	as prophet of Humanity						
	a) 1 and 2	b) 1, 2 and 3	c) 3 and 4	d) 1 and 3				
73.	Who amongst the follo	Who amongst the following introduced railways for the first time in India?						
	a) Lord Wellesley		b) Lord Hasting	;s				
	c) Lord Dalhousie		d) Lord Ripon					
74.	Which is the major cause of nutritional blindness in children usually between 1 - 3 years of age?							
	a) Scurvy		b) Keratomalac	ia				
	c) Aneamia		d) Dandruff					
75 .	Leading cause of Diarr	heal disease						
	a) Enterotoxigenio	Escherichia coli	b) Salmonella(r	on-typhoid)				
	c) Rotavirus		d) Campylobaci	ter jejuni				
76.	Consider the following statements: 1) National Science Day is celebrated in India on 28th February in memory of Sir CV							
	Raman.							
	2) Sir CV Raman was awarded Nobel Prize in 1930 for his discovery of the Raman Effect.							
	3) The theme of the National Science Day of 2022 is "Integrated approach in science and technology for a sustainable future".							
	Which of the above sta	tement/s is correct?						
	a) 1 and 2 only	b) 2 and 3 only	c) 1 and 3 only	d) 1, 2 and 3				
77.	Common indicator org	anism of water pollution:	is:					
	a) Entamoeba hist	olytica	b) Escherichia	coli				
	c) Eichhornia cras	sipes	d) Lemna pauci	costata				
78.		owing has been recently vation Authority in the sta		Tiger reserve by the				
	a) Indravati							

	c)	Achanakmar					
	d)	Guru Ghasidas Nat	ional Park andTamor Pin	gla '	Wildlife Sanctuary		
79.		ding to Article 170 are directly elected of	, the maximum member could be:	rs o	f the State Legislati	ve 1	Assemblies
	a)	403	b) 485	c)	484	d)	500
80.	A pure	ely Indian concern fo	ounded in 1895 was:				
	a)	Bank of Punjab		b)	Punjab Insurance C	omp	any
	c)	Punjab National Ba	nnk	d)	People's Bank		
			Section-II				
		Question Nos. 81 to	85): Read the following	ginfo	ormation carefully to	ansv	wer the
-	tions:		T.1. D . M . D				
I.		ds Neelaksh, Asmita er on a round table fa	, Ishita, Ponty, Tanu, Doo	do, I	Navya and Rudraksh	are s	sitting for
II.			Neelaksh and Navya.				
III.		•	sitting next to each other.				
IV.		· -	ting between Tanu and As	smit	a.		
V. VI.		nita is to the right of l					
V 1.	Neel	aksh is not sitting ad	gacent to Dodo.				
81.	What i	is the position of Ishi	ita with respect to Navya'	?			
	a)	Fourth to the right		b)	Second to the right		
	c)	Second to the left		d)	Third to the left		
82.	Who i	s sitting between Ne	elaksh and Ishita?				
	a)	Ponty	b) Navya	c)	Rudraksh	d)	Tanu
83.	In whi	ch of the following p	pairs, second person is sit	ting	to the right of first pe	erso	n.
	a)	Ponty, Neelaksh		b)	Dodo, Rudraksh		
	c)	Ishita, Asmita		d)	Navya, Rudraksh		
84.	Which	of the following is	correct?				
	a)	Dodo is third to the	eright of Ponty				
	b)		·				
	c)		_				
	,	Neelaksh is second	•				
	u)	1 (Clarsii is secolla	to the left of Tallu				

b) Sitanadi

85.	Which of the	he followi	ng pairs is	s sitting nex	xt to each oth	ner?			
	a) Doo	do, Ishita			k) Navya,	Rudraksh		
	c) Asmita, Tanu		l	d) Ishita, Neelaksh					
Dir	ections (Que	stion Nos	86 to 80	• The follo	owing table r	rovides th	e details ah	out the	numbar
	tudents in 5 c				Jwing table p	novides di	ic uctairs ab	out the	Hullioei
01 5			ports over	the years.	Sport				
		Years	Cricket	Football	Basketball	Hockey	Kabaddi		
		2017	66	144	145	128	111		
		2018	121	56	100	109	149		
		2019	79	104	116	99	78		
		2020	60	57	137	150	92		
		2020	132	52	74	116	82		
		2021	132	32	/4	110	82		
06	D 111			c	11.7		1111	.0	
86.		-			ants in all 5 y		_		
	a) Kat	oaddi	b)	Football	(c) Hockey	Y	d)]	Basketball
87.	W/hat is th		:		f atudanta ru	des montis	:	Laalvav	. : 2010
01.			-	_	f students w Cricket in the	-	-	тоскеу	III 2018
	-		ents partic	ipated in C		•	1 •		
	a) 111					o) 90%			
	c) 43%	6			(d) None o	of the above	•	
88.	In which ye	ear was th	e percenta	ge of stude	ents participa	iting in Ba	sketball the	maxin	num?
	a) 201	7	b)	2018	(c) 2019		d) 2	2020
00	***								
89.			_	_	inge in num	ber of stu	dents partic	ipated	in sports
	except Kab					16070		-1\	11 22 2
	a) 21.6	5/%	D)	22.89%	(c) 16.35%	0	a) ²	41.32%
90.	If it was Tu	iecdov on	3rd Ionuar	v 2006 W	hat was the	day on 3rd	Innuary 20	102	
90.		•		•		•	•		T 1
	a) Mo	nday	D)	Sunday	(c) Wedne	saay	u)	Tuesday
91.	The data of	oiven in 1	the follow	zing tahle	summarizes	the mon	thly hudget	t of at	n average
J 1.	household.	514011 111	ine ronov	ing table	Summunzes	the mon	uny buage	, 01 u i	1 average
	CATEGO	ORY			AMOUNT				
	FOOD	- 			4000				
	CLOTHIN	G			1200				
	RENT				2000				
	SAVINGS				1500				
	OTHERS				1800				

	The approximate percentage of the monthly budget not spent on saving is					
	a) 10%	b) 14%	c) 81%	d) 86%		
92.	walking 10 km. Seem some time and then we return to their respective	a turns to right after valks another 5 km, who we South and walk 15 km	t towards North. Monik walking the same distance ereas Seema walks only 3 cm forward. How far is Mo	e. Monika waits for km. They both then onika from Seema?		
	a) 15 km	b) 10 km	c) 8 km	d) 12 km		
93.	around a rectangular f	ield 500m x 400m. Si	and in the same direction unil and Barry walk at the hey cross each other, if the	e rate of 4km/h and		
	a) Never	b) Once	c) Twice	d) Thrice		
94.	If South- East become become?	es North, North- East	becomes West and so	on. What will West		
	a) South-West		b) North – West			
	c) North- East		d) South-East			
95.	Ratio of Sonu's age to years, the present age of	-	to 4:3. If Sonu will be	26 years old after 6		
	a) 11	b) 15	c) 14	d) 17		
96.	A train of length 150 n	n, moving at a speed of	90 km/hr can cross a 200	metre bridge in		
	a) 8sec	b) 14sec	c) 6sec	d) 15sec		
97.		00 from the money he	ushar in turn gave 2/3 rd of receives to a taxi driver, itially?			
	a) Rs. 2000	b) Rs. 2200	c) Rs. 2800	d) Rs. 1800		
98.	There are deers and petheir legs is 200. How	<u> </u>	counting heads they are 80 re?	0 and the number of		
	a) 30	b) 50	c) 20	d) 60		
99.	If 65% of a number is the second number?	equal to 13/5 of anoth	er number, what is the rat	io of first number to		
	a) 5:13	b) 4:5	c) 5:4	d) 4:1		
100.			id, "Her mother is the wif	•		

	a) His aunt	b) His Daughter	c) His niece	d) His cousin
101.	Find the number which is 6 8314, 2709, 1315		ne following group:	
	a) 1315	b) 2518	c) 8314	d) 2709
102.	If Rakesh distributes choc A, B, C and D, then find the			
	a) 210	b) 247	c) 420	d) 105
103.	A man introduced a wom How is the woman related	-	only son of his grandfat	her's only son.
	a) Wife	b) Cousin	c) Sister in law	d) Sister
104.	A is B's sister. C is B's many B?	other. D is C's father. E	is D's spouse. Then, how	is E related to
	a) Granddaughter		b) Grand Father	
	c) Grandson		d) Grand Mother	
105.	75 people ran a race, Rag How many stood between		first and Vipin stood 25 th	h from the last.
	a) 34	b) 35	c) 36	d) 37
106.	Three partners A, B and assignment. They got an a			
	C's share. What is A's sha	re?		
	a) 224	b) 160	c) 254	d) 248
107.	Select the one which is dif	ferent from the other thre	e responses.	
	a) TGSH	b) CXDW	c) AZBY	d) EVFU
108.	There are six bells in a ten 4, 6, 8, 10 and 12 seconds	1	2 2	
	a) 50	b) 30	c) 31	d) 15
109.	If $5 - 5 = 24$ and $7 - 7 = 4$	8 then find the value of 1	0 - 10 = ?	
	a) 56	b) 91	c) 99	d) 80
110.	There are two big vessels B, then the milk in both vemilk in A is double of the	essels is same. If 20 litres	of milk is poured from I	

111. A student has 60% chance of passing in English and 54% chance of passing in both E and Mathematics. What is the percentage probability that he will fail in Mathematics?				
	a) 12	b) 36	c) 4	d) 10
112.	Rahul, Prem, Shyam, Ge Rahul is shorter than Pre- taller than Rahul. Who is	m but taller than Rinku.	Geet is little shorter th	
	a) Rahul	b) Rinku	c) Prem	d) Geet
113.	A can do a piece of work the work alone and A joi days more B worked than	ined him later. The work	_	=
	a) 5	b) 10	c) 7	d) 8
114.	If the English letters A to the right of 12th letter from		rse order then what is t	he fourth letter to
	a) J		b) K	
	c) R		d) L	
115.	What is mirror image of F	RAJASTHAN?		
	а) ИАТНАА АЯ		RA JSATHAN (d	
110	RA JSHATAN (2	. 1 10 1	RA JASTHAN (b	
116.	What will come next in th			d) may
	a) pqr	b) ptx	C) prt	d) psv
117.	The percentage profit earloss incurred by selling that article be sold to make 40	the same article for Rs.		
	a) 5760	b) 6000	c) 6720	d) 6260
118.	How many numbers from 4 but also has 4 as a digit		of which is not only ex	actly divisible by
	a) 19	b) 12	c) 10	d) 7
119.	A number consists of tw number its digits are inter	_	_	btracted from the
	a) 63	b) 72	c) 81	d) 90

b) 80

c) 20

d) 200

a) 100

- **120.** In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was :
 - a) 2500

b) 2700

c) 2900

d) 3100

Rough Work

ANN EXAMINATES.

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