## COMMON P.G. ENTRANCE TEST - 2021 (CPET-2021)

Test Booklet No.:

134860

## HIGHER EDUCATION DEPARTMENT, GOVT. OF ODISHA TEST BOOKLET

Subject Code: 21 Entrance Subject: GEOGRAPHY

Time Allowed: 90 Minutes

Full Marks: 70

## INSTRUCTIONS TO CANDIDATES

- 1. Please do not open this Question Booklet until asked to do so.
- 2. Check the completeness of the Question Booklet immediately after opening.
- 3. Enter your Hall Ticket No. on the Test Booklet in the box provided alongside. Do not write anything else on the Test Booklet.
- 4. Fill up & darken Hall Ticket No. & Test Booklet No. in the Answer Sheet as well as fill up Test Booklet Serial No. & Answer Sheet Serial No. in the Attendance Sheet carefully. Wrongly filled up Answer Sheets are liable for rejection.
- 5. Each question has four answer options marked (A), ((B), ((C) & ((D).
- 6. Answers are to be marked on the Answer Sheet, which is provided separately.
- 7. Choose the most appropriate answer option and darken the oval completely, corresponding to (A), ((B), ((C) or ((D) against the relevant question number.
- 8. Use only Blue/Black Ball Point Pen to darken the oval for answering.
- **9.** Please do not darken more than one oval against any question, as scanner will read such markings as wrong answer.
- 10. Each question carries equal marks. There will be no negative marking for wrong answer.
- 11. Electronic items such as calculator, mobile, etc., are not permitted inside the examination hall.
- 12. Don't leave the examination hall until the test is over and permitted by the invigilator.
- 13. The candidate is required to handover the original OMR sheet to the invigilator and take the question booklet along with the candidate's copy of OMR sheet after completion of the test.
- 14. Sheet for rough work is appended in the Test Booklet at the end.



1.	Oxyg	en constitutes nearly of the atmospheric gases.			
	(A)	21 %	цинарна )		
	(B)	15 %	ET2016_F		
	(C)	78 %			
	(D)	5 %			
2.	The a	ir that contains moisture to its full capacity		lat #•	
	(A)	Relative Humidity,	pro partie M	1-	
	(B)	Absolute Humidity,	WILLIAM T		
	(C)	Specific Humidity,			
	(D)	Saturated air estications of new arb made			
3.		h one of the following cloud is formed at high altitudes		(4)	
	(A)		Neumers to local mark		
	(B)		Availability of choop I	(5)	
	(C)	Stratus	To minimize transport		
	(D)				
4.		n one of the following describes the lithosphere:	Pant		
7.	(A)	Upper and Lower Mantle	Lowell		
	(B)	Crust and Core			
	, ,		dum?		
	(C)	Mantle and Core Mantle	S garwount sia 1a ⇒an a		
_	(D)	Crust and Upper Mantle	540 <sup>1</sup> .		
5.		one of the following earthquake waves is more destru	ctive?		
	(A)	P-waves			
	(B)	S-waves	Her		
	(C)	Surface waves			
	(D)	None of the above would be such a sold and be sold and			
6.	Which	one of the following is a direct source of information	about the interior of the	earth?	
	(A)	Gravitational force	On p diversification		
	(B)	Earthquake waves	Crop concentration		
	(C)	Earth magnetism			
	(D)	Volcanoes	signatus dos, )		

3 . \*

7.	Whic	h type of volcanic eruptions have caused Deccan Trap for	mations?						
	(A)	Composite							
	(B)	Caldera							
	(C)	Shield							
	(D)	Flood Basalt							
8.	Whic	h of the following is not a mechanism of energy transfer?	Colon Colon						
	(A)	Radiation							
	(B)	Conduction							
	(C)	Advection							
	(D)	Ablation							
9.	Why	are steel mills within Japan drawn to coastal locations?							
	(A)	Nearness to iron ore reserves and and the lambda an							
	(B)	Nearness to local markets							
	(C)	Availability of cheap labour							
	(D)	To minimize transportation cost for imported raw mater	rials and steel exports						
10.	The th	neory of least cost location was proposed by							
	(A)	Isard  Is							
	(B)	Losen							
	(C)	weber							
	(D)	Smith							
11.	Which one of the following criteria is not used for the classification of human races?								
	(A)	Nose							
	(B)	Eye	71						
	(C)	Ear							
	(D)	Hair							
12.	Gross	Cultivated Area divided by Net Sown Area is known as							
	(A)	Agricultural efficiency							
	(B)	Crop diversification							
	(C)	Crop concentration							
	(D)	Crop intensity							

13.	Who a	rgued that multiplecent	res of nuc	clei wer	e respo	onsible f	or urb	an growth	? <sup>y</sup> 00		
	(A)	Harris and Ullman						anutchar)		$(\Lambda)$	
	(B)	Homer Hoyt							and .		
	(C)	C.D. Despande							vuVZ -	32/	
	(D)	Park and Burgess							r CA		
14.	Direct	ion and speed of wind a	are contro	lled by	a com	bination	of fac	tors such	as 📶		
	(A)	Pressure gradient	11-17	i.is					1	181	
	(B)	Rotation of the earth a	nd Corio	lis force	•			ned		7	
	(C)	Altitude and latitude		(lil)		-* · =					
	(D)	All the above		Hr)				apais			
15.	Whic	h one of the following is			i						
	(A)	Loo								THE STATE	
	(B)	Mistral						. 8			
	(C)	Foehn and Chinook			*						
	(D)	Monsoon				i					
16.	Matc	h List-I with list-II and s	select the	answer	from t	he giver	ı code	1			
	LIST				LIST-	**					
	A.	Tropical Cyclone			(i)	China					
	B.	Hurricanes			(ii)	Indian	Ocea	n ed fervan	I N		
	C.	Typhoons			(iii)	Austra		a Marial L	7		
	D.	Willy-Willies			(iv)	Caribb					
	Code	e:				power Res		a to alovo		The n	
		A B C	D								
	(A)	ii iv i	iii								
	(B)	i iv	iii								
	/ (C)	ii iv iii	i					ol-oui lar			
	(D)	iii i iv	ii	٠,						P.T	.0.
W	-21-Geo	graphy		5						- • •	•

17.	Physic	cai weati	nering	takes pi	ace due	to:						
	(A)	Temper	ature							ET.		1. 10
	(B)	Moistu	re									-17
	(C)	Wind								Jacob, O		
	(D)	All the	above						# <b>/</b> ()			
18.	Match	ı list-I wi	th list-	II and so	elect the	correct	answer	from th	ne give	n codes gi	ven be	elow:
	LIST-						LIST-	111				
	A.	Barcha	n				(i)	River	deposi	t :		
	B.	Delta					(ii)	Wind	deposi	t		
	C.	Morain	es				(iii)	Under	ground	l water de	posit	
	D.	Stalacti	ite			Teri	(iv)	Glacie	er			
	Code			- 2		1.5						
		A	В	C	D							
	(A)	ii	i	iv	iii					f <sub>e</sub> )		
	(B)	i.	iii	ii	iv					ing ori in		1 1
	(C)	ii	iv	iii	i					II n =		
	(D)	iii	i	iv	ii wii	Direct Ter	FIRE DI		1 11 11-	112 11 2 11 1		
19.	Who	among th	e follo	owing ha	s studie	d "The l	Law of	the Prin	nate Ci	ty"?		
	(A)	G. K. Z		* **		1.4						
	(B)	M. Jeff	ferson	n Ouerun		(III)						
	(C)	W. Ch	ristalle	r	TAUA.	(40)				1000		
	(D)	None o	of the a	bove		Ldes 8	real by					
20.	The n	ormal cy	cle of	erosion	is assoc	iated wi	th					
	(A)°	Marine	Erosi	on							£	
• 37	(B)	River I	Erosior	1								
	(C)	Wind I	Erosior	1								
	(D)	Glacia							19			
	(2)	Jiucia	. 21031				,					

21.	With	With increase in elevation when the temperature increases is known as:								
	(A)	Normal Lapse rate		of andreas						
	(B)	Dry Adiabetic rate		Cantiferenty I o	(1)					
	(C)	Inversion of temperature		model nerodic						
	(D)	Terrestrial Radiation		general taxtes in difference broad						
22.	In cl	imate classification scheme who among the follower the distribution vegetation and climate:	owing ident	ified a close r	elations	ship				
	(A)	Thornthwaite		Industrial Can						
	(B)	Koeppen		Population Fill I amend I						
	(C)	Trewartha hasanqolo vali omoromost not imit oquit o	ស្រាមព្រះ							
	(D)	None of the above		Princely						
23.		reefs developed along th continental margins are o	called:							
	(A)	Barrier Reef	A	(hour f	(0)					
		Make 1								
	(B)	Fringing Reef								
	(C)	Atoll	·							
	(D)	None of the above			(40)					
24.	Who	among the following has postulated Subsidence the	-	-						
	(A)	Davis	,	us 1 continue Paris co						
	(B)	Daly		Frence	(A)					
	(C)	Murray		Lie Mil.	(1)					
	(D)	Darwin			15					
25.		ng coal is a type of –		Chemistry						
25.		- 1/1 4	a grunosli te	Antonia reside						
	(A)	Peat coal		nom						
	(B)	Lignite coal								
	(C)	Anthracite coal								
	(D)	Bituminous coal			(0)					

26.	Soft v	vood is mainly supplied by		Time!
	(A)	Decidious Forest		$\epsilon \rho_{\rm c}$
	(B)	Caniferous Forest		
	(C)	Siberian Forest		
	(D)	Central Europen Forest		
27.	Von T	Thunen model is a model of -		
	(A)	Urban Landuse Tolking and process of the process of		
	(B)	Industrial Landuse		
	(C)	Population Distribution		
	(D)	Agricultural Landuse		+{,
28.	Which	h sector of economy is most important for economic de	evelopment?	
	(A)	Primary		
	(B)	Secondary		
	(C)	Tertiary		
	(D)	Quarternary		
29.	Whic	h is the principal mineral wealth of South-West Asia?	i at gang Kerel	
	(A)	Iron Ore		
	(B)	Tin		
	(C)	Mineral oil		
	(D)	Coal		
30.	The f	amous Rurh coal Field is situated in which country?		
	(A)	France		
	(B)	Russia		. ).
	(C)	U.K.		
	(D)	Germany	ng coal (s a type of -	Cake
31.	The l	piggest reserve of thorium is in –	la so meti	
	(A)	India		
	(B)	China		
	(C)	Russia		
	(D)	USA	traumar as coul	

32.	Indu	strial backwardness of southern hemisphere is due to	mental of the	eno il	with the	38
	(A)	Labour problem	ade of payments	lacil d	(A)	
	(B)	Lack of managerial skill				
	(C)	Non availability of capital		0116	(銀)	
	(D)	Lack of energy	s shell no ar	Eller	(3)	
33.	Chris	taller's theory derived very largely from a study of Centra	l Places in	IIIA	(IB	
	(A)	Southern Germany and parent more at the collision of the	of the inflowed	one r	id #	
	(B)	Europe	1150	v2()		,
	(C)	France	11597	min!	(B)	
	(D)	None of the above				
34.	Whic	h of the following is not a tropical desert?	obuzude new		(0)	
	(A)	Atacama	of the above	поИ	((1))	
Ť.	(B)	at that me task of the geographer is no designoM of the sample of the carb. This jugallot				
	(C)	Kalahari				
	(D)	Arabia	graphic		(A)	
35.	The t	otal assemblage of plants and animals of a given ecosystem	m or habitat is	called		
	(A)	Formation	rothetic	neM	(0)	
	(B)	Biome		abrii	(C)	
	(C)	e Mimosa alion cavig sali metri respone marcan sali melas bi	ns E-wil driw	I dail d	Minc	.15
	(D)	Floristic Kingdom			TELL	
36.	Which	h of the following belong to the same trophic level-	- tquŞ	OK		
	(A)	Tiger and wild beer		W.a	(11)	
	(B)	Deer and honey bee		.W.	(0)	
	(C)	Snake and Earthworm		I I	(D)	
	(D)	Crow and Cow			Code	
37.	Which	one of the following is responsible for origin of ocean co	urrents?	(A)		
	(A)	Potestional mechanism of the earth				
	(B)	Atmospheric factors	ir it		(A)	
		Topographic characteristics of coasts and oceans	1) A)		(10)	
	(C)				(C)	
	(D)	All the above	rį į	iil	((1)	
W-2	l-Geog	raphy 9		Arjohn	P.T.	0.
100	- 0					

W-21-Geography

38.	Which	one of th	e follov	wing is	conside	red as e	effects of ocean current			
	(A)	Modifica	ation in	the coa	stal clin	nate		res to a self-t		
	(B)	Effects of	n fishi	ng						
	(C)	Effects of	on Trad	e and N	lavigatio	on		stems to a mil		
	(D)						contigue at making the			
39.							green house gas?			
39.			ic iono	wing is	Conside	icu as į	gicen nouse gas:		(8)	
	(A)	Oxygen						1 - 5 -071		
	(B)	Nitroger	1						(0)	
	(C)	Carbon	dioxide	;		otm	ogali brimgara a 10m m gr	A the temporal		
	(D)	Non of t	the above	ve						
40.	All pl	aces are ences that	unique exist o	and the	nat the surface	task of of the	the geographer is to earth. This iscalled:	describe and	explain	the
	(A)	Ideogra	phic							
	(B) <sub>a</sub>	Deducti	ve	o military	4000 85	vrš a t	Abadim bad smily a	Spelentset L	on f	
	(C)	Nomoth	etic					and the state of		
	(D)	Inductiv	⁄e				•			
41.	Match	ı list-I wi	th list-I	I and se	elect the	correct	answer from the giver	codes given b	elow:	
	LIST-	·I				LIST	-11	radi Mesen In Co		
	(A)	G.K Zij	of			(i)	Migration Theory		117.	
	(B)	E. W. E	Burgess			(ii)	Central Place Theory			
	(C)	W. Chr	istaller			(iii)	Rank Size Rule			
	(D)	E. Lee				(iv)	Concentric Theory	Statio and Ear	(2)	
	Code	:						MON HARTON		
		(A)	(B)	(C)	(D)		or a marger of the	die state and		
	(A)	iv	ii	iii	i		dragamite memok			
	(B)	iii - ×	iv	ii	i					
		ii	iv	iii			arato) to 100 into			
	(C)				ii					
	(D)	iii	i	iv	11					

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W-21-Geography

P.T.O.

42.	racto	ers affecting Population distribution are:		bit had smeated	180
	(A)	Physical			1/4
	(B)	Political			14
	(C)	Economic			
	(D)	All the above			
43.	Whic	h of the following are the components of population cha	nge:		No.
	(A)	Fertility - Account of the and a season of page stance food		eri e siv mPT i	rd k
	(B)	Mortality States a general section of			
	(C)	Migration			
	(D)	All the above in the property of the state and the property of			
44.	Mode	es of occurrence of minerals are:		ALL CONTRACTOR	
	(A)	Igneous Ore bodies			
	(B)	Sedimentary ore deposits			
	(C)	Alluvial deposit			
	(D)	All the above			
45.	Who	among the following coined the term "Climatology"?		eller serio i	
	(A)	Dotrol		risign 1	
	(B)	Ritter			
ľ	(C)	Humboldt		Domination of T	
	(D)	Vidal de la Blache			. 10
46.	Who	among the following introduced the concept of "Pays"?			
	(A)	Richthofen			
	(B)	Strabo			
	(C)	Kant		Plumbrad	
	(D)	Vidal de la Blache		Ost Crop	
<b>47</b> .	The is	sue of General Geography versus Regional Geography	was rais		
	(A)	Bernhard Varen			
	(B)	Hecatacus		Ikasa ako	
	(C)	Hartshorne			
	(D)	Eratosthenes		ent to english	et:

48.	Who a	among the following had developed "Growth Pole Theory"?		03", 1."1					
	(A)	Perroux							
	(B)	Myrdal							
	(C)	Hirschman							
	(D)	Leontief	e <sup>a</sup> - v v A						
49.	The "	Range of a Good" refers to the language of a Good and the language of a Goo							
	(A)	The maximum distance which people have to travel to purchase	se a good or se	ervice					
	(B)	The variety of goods available at a market place.	gua add.						
	(C)	The maximum demand to make the service or good viable.							
	(D)	The maximum population necessary for survival of a function	. d 1/1.	(U)					
50.	The 'Administrative Principle' in Christaller's 'Central Place Theor' refers to								
	(A)	K= 3							
	(B)	K=4							
	(C)	K= 7	at multi-	(3)					
	(D)	K= 9							
51.	Which	h of the following one is used to show the distribution of popula	tion?						
	(A)	Choropleth method							
	(B)	Tint method							
	(C)	Dot method		.)					
	(D)	Isopleth method		(I)					
52.	The s	urface of separation between two adjoining sedimentary beds is							
	(A)	Dip	Richmoton						
	(B)	Strike		(H)					
	(C)	Bedding Plane	12.4						
	(D)	Out Crop		(U)					
53.	The r	nap, which depicts the physical as well as cultural aspects of a re	egion is know	n					
	(A)	Weatheer Map							
	(B)	Geological Map							
	(C)	Toposheet	m. I H						
	(D)	None of theabove	Table 1						

54.	If all	the profiles of the series of profiles be traced on a single	frame is known as:	ma w
	(A)	Projected Profile	name is known as.	
	(B)	Serial Profile		
	(C)	Composite Profile	fines by them	
	(D)	Superimposed Profile		
55.	The in	nstrument used for reduction and enlargement of maps:		
	(A)	Planimeter Temporal and Plan Ludge Temporal		
	(B)	Pantograph		
	(C)	Barometer		
	(D)	None of the above	statilismo : Centino	
56.	Meta	morphic rocks are formed under	Plants	
	(A)	Low pressure and low temperature	hydrological cycle m	odi ol
	(B)	High pressure and low temperature	Clards	
	(C)	High pressure and high temperature	Perceptations	
	(D)	Low pressure and high temperature	district.	
57.	An e	vidence that indicates rejuvenation is	Condensation	
	(A)	Flood plain yn baseed hy	oversery in the ember-	
	(B)	Incised meander	how alok	
	(C)	Delta	Convoca ve custom	
	(D)	Gorge	South Principal Articles	
58.	Lapla	ce's theory of origin of the earth is known as	Armin on D.	
	(A)	Nebular Theory		to d
	(B)	Tidal Theory		
	(C)		The front bearings to	
	(D)	Big bang Theory and statute of seasonal the mix White his	The front bety sup C	
59.	Sial i	8.	9804B R 1904	
	(A)	The name of a type metal	dod of Mountain - In	
	(B)	The name a sea mammal	Oxygeny	
	(C)	The name of a layer on the earth's surface		
	(D)	None of the above	Syr c. ac	
	(-)		Anticlina	(51)

60.	Whice India	h of the following migration streams con?	stitutes the largest proportion of mig	gration in
	(A)	Rural to Rural		
	(B)	Rural to Urban	alimit a result	
	(C)	Urban to Urban	without to approximate	
	(D)	Urban to Rural	man and the service of the second service of	
61.	Whic	h one of the following occupies Trophic L		
	(A)	Bacteria		
	(B)	Carnivores	or his difference of	
	(C)	Primary consumers		
	(D)	Plants	year, had a new made m	
62.	In the	hydrological cycle evaporation is precede		
	(A)	Clouds		
	(B)	Precipitation	minery of sugar later stone some	
	(C)	Heat	un ories de altri de en en	
	(D)	Condensation	direction of the control of the cont	
63.	Air m	ovement in the troposphere is caused by		À
	(A)	Solar wind		
	(B)	Convective current		
	(C)	Gravitational force		171
	(D)	Air pressure	MINISTER STATE OF THE STATE OF	N.11
64.	Warn	front is		Mari al
	(A)	The front between Cold and arm air mass	ses in which warm air is an aggressor	•
	(B)	The front between two warm air masses	A SALESSOI	(8)
	(C)	The front between Cold and Warm air m	asses in which cold air is an aggresse	
	(D)	None of these	-5 an agglesse	or ( )
65.	The p	eriod of Mountain -Building is called	January Commencer	
	(A)	Orogeny	let an april to be a grant	
	(B)		vidous admorta at a reference of	
	(C)	Syncline	and the state of t	
		A Country of the Coun	*ARIS DE L	
	(D)	Anticline		

66.	-	_ is called the "Year of Great Divide" in the demographic history of India
	(A)	1951 And Management
	(B)	1921
	(C)	1931
	(D)	1941
67.	As per 2011 census, the number of females per one thousand males in India is	
	(A)	930
	(B)	940
	(C)	920
	(D)	950
68.	The literacy rate in India in 2011	
	(A)	68.04 %
	(B)	71.02 %
	(C)	74.04 %
	(D)	69.01%
69.	Which of the following states in India is having highest urban population?	
	(A)	Punjab
	(B)	Madhya Pradesh
	(C)	Maharashtra
	(D)	Uttar Pradesh
70.	As per 2011 census, the percent of urban population to total population in India?	
	(A)	33.36%
	(B)	31.36%
	(C)	35.36%
	(D)	37.36%
		****