



GG-16

Geo Engineering & Geo Informatics

Max. Marks : 120
Hall Ticket No.
ONR Answer Sheet No. :
Signature of the Invigilator

INSTRUCTIONS

- This Question Booklet consists of 120 multiple choice objective type questions to be answered in 120 minutes
- 2. Every question in this booklet has 4 choices marked (A), (B), (C) and (D) for its answer.
- 3 Each question carries one mark. There are no negative marks for wrong answers.
- This Booklet consists of 16 pages. Any discrepancy or any defect is found, the same may be informed to the Invigilator for replacement of Booklet.
- Answer all the questions on the OMR Answer Sheet using Blue/Black ball point pen only.
- Before answering the questions on the OMR Answer Sheet, please read the instructions printed on the OMR sheet carefully.
- OMR Answer Sheet should be handed over to the Invigilator before leaving the Examination Hall.
- 8 Calculators, Pagers, Mobile Phones, etc., are not allowed into the Examination Hall.
- 9. No part of the Booklet should be detached under any circumstances.
- 10 The seal of the Booklet should be opened only after signal/bell is given.

GG-16-A



GEO ENGINEERING & GEO INFORMATICS

1.	A system of equat many solutions if z		1. x + 4y + 2z = 0	$2x + 6y + \lambda z = 0$ has infin	itely
	(A) I	(B) 5	(C) 0	(D) 2	
2.	If one of the eigenmatrix $B = A^2 + I$		e matrix A is 2, th	en an eigen value of the	square
	(A) 2	(B) 1	(C) 5	(D) 0	
3.	If a real valued fun	ction $f(x) = x^2 - 5x$	+6 satisfies Rolle	s theorem at $v \in [2,3]$, the	n i
	(A) 3/5	(B) 5/2	(C) 0	(D) 1	
4.	If $x = v + w$, $y = w$	+u and $z = u + v$ 11	$\operatorname{nen} \frac{i l(x, y, z)}{i l(u, v, v)} =$		
	(A) -2	(B) 1	(C + 2	(1) -1	
5.	The value of $\int_{\mathcal{L}} \vec{F} \cdot \vec{c}$	$d\vec{r}$ where $\vec{F} = x^2 i - x$	y ² J from (0.0) to (1	1. 1) along $c: v^2 = v$, is	
	(A) 1/5	(B) 1/15		(D + 2/15	
6.	The gradient of $\phi(.)$	$x, y, z) = 2x^2 - x - z^2$	at (2,-1,1).		
	(A) 8i + j - 2k	(B) $2i - i + 2k$	(C) $i+j-2k$	(D) $8i - j - 2k$	
7.	The value of $\int_{r_{-1}, r_0}^{r_0}$	vdy + ydy along the	upper half of the co	$\text{rele } c: x^2 + v^2 = a^2 \text{ is}$	
	$(A) \frac{\pi}{4}$	(B) 1	(C) θ	(D) π	
8.	Any function osati	istying $\frac{\partial^2 \varphi}{\partial x^2} + \frac{\partial^2 \varphi}{\partial x^2} =$	0 is called		
	(A) non-periodic		(B) periodic fu		
ayera W	(C) harmonic fur	nction	(D) regular fun	ction	5 <u>_</u> 200559
Set -			2		GG



		. w . w . co							N 1 -1 11 N
9,		A _. A _. ar e event then a						ents of a sample space	5. Let B 6
	(A)	$\frac{P(B \mid A)I}{\sum P(B \mid A)}$	$\frac{P(A_i)}{P(A_i)}$			(B)	$P(B \mid A_j)$	$P(A_i)$	
	(C)	$\frac{\overline{P(A_i \cap B)}}{P(A_i)}$				(D)	$P(A \cap B)$	$P(A \mid A)$	
10,		e mean and vi ibution is	ariance	of a bin	omial	distrib	ution are 3	and 2 respectively, the	probability
	(A)	C'(2/3)*(1	/ 3)"			(B)	C (1/3)	12/31	
	(C)	$C_{1}^{-1}(1/3)^{4}(2$	2/3)**-			ıD)	C (1.) 4	1 (3) 4) 15	
11.	Radi	us of the eart	h is abo	out	1	km.			
	(A)	5,950	(B)	7,500		(C)	6.400	(D) 12.800	
12.	The	outer gaseous	atmos	phere of	the ea	irth ext	ends to ab	outkm	
	(A)	700	(B)	300		(C)	900	(D) 1,000	
13.	Corr	ect order from	n the ce	enter of	the ear	th tow	ards outer	surface	
		Core, inner							
	(B)	Inner core,							
		Inner core, o				here			
		Inner core, o							
14.	As p	er the radioac	tive da	ting, the	e age o	f the e	arth is abou	ıt	
	(A)	3,000 billion	n years			(B)	5,000 mi	llion years	
	(C)	4,600 millio	n years			(D)	3,800 mi	llion years	
15.	Moh	o discontinui	ty is in	betweer	1				
	000 m 4 +000	C 1				T)	70	1	



(A) Crust and mantle

(B) Inner core and outer core

(C) Mantle and core

(D) Below the ocean crust

Set - A 3 GG



10.	THU	поноп пънсто	огик	carui aiounu i	ne sun	is about			
	(A)	30 km/sec	(B)	40 km/sec	(C)	15 km∞ec	(D)	43 km/sec	
17.	The	Albedo of the I	iarth -	- Atmospheric	Syster	n under clear	sky co	onditions	
	(A)	20%	(B)	174	(C)	35%	(D)	30°7	
18.	Fore	each 400 feet in	icrease	e in altitude flo	werin	Z 15			
	(A)	Retarded four	calen	dar days	(B)	Advanced for	our cal	endar days	
	(C)	Advanced six	calen	dar days	(D)	Retarded six	calen	dar days	
19.	Sola	r constant value	e is						
	(A)	3.4×10^3 watt	s/m²		1B)	1.4 × 10 gra	am cal	/em²/min	
	(C)	l 94 gram.cal	/em²/	min.	(1)	1.7 - 10 wa	tts/m²		
20.	The	layer between S	Stratos	phere and Me	sosphe	re is			
	(A)	Troposphere	(B)	Mesopause	(C)	Exosphere	$([])_1$	Stratopause	
21.	Cho	se the option v	vhich	does not fit the	patte:	m.			
	(A)	Hypothesis	(B)	Theory	(C)	Fact	([))	Observation	
2.2	N 1 1		W			- 75			
22.		ch one of the fo							
		Sedimentary i		10.77					
	(B)	Metamorphic			(5)				
	(C)	Magmas cryst							
	(D)	Igneous rocks	can u	ndergo metan:	erphis	m,			
23.	All c	of the following	provi	de evidence o	r clues	to the compo	sition	or earth's interi	or, except
	for								
	(A)	Diamond-bea	rine re	ocks					
	(B)	Slivers of cru	stal an	d mantle rock	s now	exposed at ea	rth's s	urface	
	(C)	Comets							
	(D)	Meteorites							
Set -[A				4				GG



44.	Cnio	ropiasts are til	e poat	es of containi	ing		noring r	nauer
	(A)	Violet	(B)	Red	(C)	Blue	(D)	Green
25.	The	percentage of i	ncom	ing radiation	in visibl	e portion		
	(A)	7/4	(B)	44%	(C)	37%	ιĎι	487
26.	The	average annual	l rainf	all of India is				
	(A)	1300 nm	(B)	1520 mm	11.1	1050 mm	([])	1 (\$0 cms
27.	The	number of maj	or cru	stal plates are				
		5		1.5		9	(1)	10
28.	То-с	lay the valid Is	ostasv	hypothesis is				
		3353				Airy's hyp	othesis	
	(C)	Pratt's hypoth Dutton's hyp	othesi	S	(D)	Altered W	egener l	nypothesis
29.	(A)	mic P-waves tr Liquid state altitude of INS	(B)	Plastic	(C)	Solid state		
30.		700 kms					(D)	36000 kms
31.		direction of wi	nds di	aring the cycl			200	here is
		Clockwise			(B)			
	10)	Vertical			(D)	Horizontal		
32.	Hon	xosphere is exte	ended	nearly upto				
	(A)	30 kms	(B)	48 kms	(C)	65 kms	(D)	88 kms
33.	Whi	ch of the follov	ving g	eomorphic co	oncept is	s correct?		
	(A)	The same ph geologic time	5.5	l processes a	nd law:	s that opera	te toda;	y operate throughout the
	(B)	Simple geom						(1) ¹ 시
	(C)							
	(D)	The climatic	condit	ions are the s	ame sin	ce the origin	of the	earth.
e	•				5			CC.
Set -	/1				5			GG



24.	which of the following statement is cor	offect :	
	(A) Weathering is the process of aggre	gradation.	
	(B) Erosion is the process of degradat	ation	
	(C) Vokanism is the exogenetic process	Decess.	
	(D) Gradation is the epigenetic proces		
35.	Ventifact is an erosional feature of		
	(A) Glacier (B) Fluvial action	on (C) Oceans (D) Air	
36.	Which of the following is correct with r	respect to stream crosion?	
	(A) Deflation, attrition and abrasion		
	(B) Abrasion, attrition and chemical a	action	
	(C) Abrasion, attrition, hydraulic action	tion	
	(D) Abrasion, attrition and plucking		
37.	The snow line altitude in Himalayas is i	s in the range of	
	(A) 3000 m-3500 m	(B) 6200 m-7000 m	
	(C) 4200 m-5700 m	(I) >7(00) m	
38.	U-shaped valleys with steep walls and f	i flat floor are produced by	
	(A) Glacier action	(B) Aeolian action	
	(C) Fluvial action	(D) Sea action	
39.	Glacier moraine melts and the debris d	deposited in the form of a ridge across the valley	15
	called		
	(A) Ground moraine	(B) Lateral moraine	
	(C) Medial moraine	(D) Terminal moraine	
40.	Wave cut bench is a erosion feature of	Í	
	(A) Glacial action at sea coast	(B) Artificial cut by human	
	(C) Action of sea on a rocky coast	(D) Action of river near coast	
41.	The seafloor between coast and deep se	sea can be divided into	
	(A) 3 zones (B) 6 zones	(C) 4 zones (D) 7 zones	
42.	Karst topography is observed frequently	tly in the following geological formations	
	(A) Sand stone (B) Shales	(C) Khondalites (D) Lime stone	
Set -[A	6 G0	G



45.	 the formation that aosoro water and will not yield of allow very intre amount of water is called 									
	(A) Aquifer	(B)	Aquiclude	(C)	Aquitard	(D)	Aquifuge			
44.	Soils derived	from the								
	(A) Water b	oodies		(B)	Oceans and s	eas				
	(C) Rocks			(D)	Vegetation					
45.	Black cotton	soils are de	rived from the							
	(A) Granite	rock		(B)	Basaltic rock					
	(C) Lime st	one rock		())	Coal deposits					
46.	Resistivity of	a formation	i saturated wit	h salt v	vater will be in	the ra	inge			
	(A) <5 ohn	1-111		(B)	10-50 ohn=m	1				
	(C) 50-100	ohm-m		(D)	>IIII ohm-m					
47.	Seismic wave	e velocity in	the hard rock	will be	e in range of					
	(A) = 0.1 to	0.5 km/sec		(B)	2.1 to 4.0 km	/sec				
	(C) 4.0 to 6	0.0 km/sec		(D)	L5 to 2.5 km	/sec				
48.	The instrume	nt that used	to pick up the	seismi	e wave from th	ne eart	h surface is called			
	(A) Seismo	graph		(B)	Microphone					
	(C) Seismic	timer			Geophone					
					785.0					
49.	When the two	o limbs of th	ne fold are not	mirror	image to the o	ther. t	hen it is called			
	(A) Symme	trical fold		(B)	Plunging fold					
	(C) Irreguk	ır fold		(D)	Asymmetrica	l fold				
50.	When the hai	nging wall g	oes up with re	spect t	o foot wall it is	called	i			
	(A) Gravity	fault (B)	Thrust fault	(C)	Normal fault	(D)	Slip fault			
51.	The point on	the earth's:	surface vertica	lly abo	ve the focus po	oint of	an earthquake is			
	(A) Focus p	oint (B)	Epicentre	(C)	Hypocentre	(D)	Anticentre			
52.	Porosity is hi	ghest in the	following form	nation						
			Sand		Silt	(D)	Clay			
Set -	A			7				GG		
oct.	7.			1				GG		



55.	_	is the p	HUCCS	s by which to	CKS DIG	акцоми игра	ice to p	nocuce sons and	
	sedi	ments.							
	(A)	Weathering			(B)	Lithification			
	(C)	Subduction			(D)	Metamorphi	sm		
54.	Wha	t is watershed !	,						
	(A)	It is an admin	istrati	ve boundary v	vhere a	Il the water is	collect	ed at a common pe	oint.
	(B)	It is a small common strea		from which a	all pres	apitation, ran	nfall ar	nd snow fall flow	s to a
	(C)	It is only a wa		illection area o	other th	an any humar	ractivi	rv.	
		It is an area w						.2.	
55.	Whi	ch of the follow	ing a	re the peninsu	lar rive	ř.			
	(A)	Ghaghra, Gan	dak		(\mathbf{R})	Krishna, Pen	mar		
	(C)	Brahmaputra	and tr	ibutaries	1]);	Kosi, Sarada	E.		
20	CI	1	L: L						
56.		ose the option v			Children Co.		DV	C) - (1	
	1.4)	Gravity dam	(B)	Aren dam	1()	Earth dam	(1))	Check dam	
57.	The	first method us	ed in	preparation of	ELV				
	(A)	Adhock method	od	99	(B)	Checklist me	ethod		
	(C)	Set's method			1[)+	Matrix meth	od		
23.	D.C.		771	v 1					
58.		restation lead t	0 610	bai warming i	A STATE OF THE REAL PROPERTY.				
		Oxygen				Carbon diox	100		
	1(1)	Ozone			(D)	Nitrogen			
59.	Biolo	ogical Oxygen	Dema	nd (BOD) me	asures	the water poll	ution		
	(A)	Organic matte	.1		(B)	Inorganic ma	itter		
	(C)	Chemical mat	ter		(D)	Physical mat	ter		
60	Cont	n'e paul: amieci	on rad	lation is at no	ava lan	. 11 h			
60,		n's peak emissi - 0.5 μm		0.9 µm		-	(D)	10.8 mm	
	1	No.	1.4.6.7	γ	107	ser pare	(10		
61.	Мар	ping of turbidit	y in si	urface water b	odies i	s enlightened	using		
	(A)	0 6 μm & IR	(B)	0.45 µm & I	R(C)	Red & IR	(D)	IR & Microwave	
62.	Who	t je tha ecola est	Enhal	oaranh takan	from a	beight of 300	l na asar	h camera focal ler	ath of
02.	15 c		Lancie	ografii takett	11 (1111 31	referrences	111 55 11	n carnera rocar ici	Em or
	(A)		(B)	1:30,000	(C)	1:20,000	(D)	1:15,000	
. 1									52-2007/77
Set -	A				8				GG



03.		o rugui illies ographical mar		~~			IIIA D	wide, their spacing	ţ OII
	(A)	2 cm	(B)	4 cm	(C)	l cm	(D)	3 cm	
64.	verti		from		f 2000n		, the d	the principal point isplacement will be 10 mm	of a
	(21)	_ 111111	(D)	O HIII	(C)	0 111111	(L/)	10 mm	
65.	(A) (B) (C)	th of the follow One degree o One degree o One degree o One degree o	f longi f longi f longi	tude has grea tude has grea tude has the :	itest val itest val same ve	ue at poles due at everyw			
	SLEDCKY	2000 - 5000 - 44		84 800 197					
66.		t small scale f 1:50,000			1()	1:000,000	(D)	1-10,000	
67.	same	distance on th	e map	is 4 cm.				apart by 1000 m and	I the
	(A)	1:40,000	(B)	1:10,000	(C)	1:25,000	(D)	1.47000	
68.	eithelis cor (A) (B) (C)	.7	dir po cemen cemen cemen	int at 5 km at t of A and B it of B will be it of A and B	will be less the	distances W towards each an that of A. l.	hich of	liametrically opposit f the following stater	
69.	Sun:	synchronous sa	tellite	rotation path	is				
		Polar orbit				Equatorial or	bit		
	(C)	West to east			(D)	45° inclined			
70.	Polar	satellites altit	ude ra	nge between		cm above the e	earth's	surface.	
	(A)	34000-35000		6	(B)	2400-3000			
	(C)	500-900			(D)	1500-2000			
71.	Polar	orbit satellite:	s are n	eant for map	ping an	d monitoring	of		
	(A)	Earth resourc	e s		(B)	Communicat	ion		
	(C)	GPS			(D)	Atmosphere			
Set -[A				9			(GG



12.	парани пузач		
A716	(A) Inter National Satellite	(B)	Indian Satellite Technology
	(C) Indian National Satellite		International Satellite Technology
73.	One of the following satellite is Geosta	tionary	satellite
	(A) IRS-ID (B) INSAT-4A	(C)	LANDSAT-5 (D) CARTO SAT
74.	Expand MSS		
/ **.	(A) Multi Spectral System	(B)	Multispectral Scanner System
	(C) Minimum Space System		Multi Spectral Searching
	Ter Similari Space System	(15)	Maki special seating
75.	Satellite remote-sensing data is acquire	d throu	igh
	(A) Photography	(\mathbf{R})	Scanning & digitisation
	(C) Video system	1]);	Filming
76.	Expand RBV		En la la companyone
			Radio Beam Videocon
	(C) Return Beam Videocon	1[)	Radio Beam Video
77.	Expand GSLV		
	(A) Global Satellite Launching Vehic	le(B)	Geo Satellite Launching Vehicle
	그 그 그 그 그리는 그 그 그 그 그 그 그 그 그 그 그 그 그 그		Geosynchronous Satellite Launch Vehicle
	,		-3.32
78.	GSLV/PSLV launching centre is locate	ed in I	ndia at
	(A) Tumba (B) Ahmedabad	(C)	Sriharikota (D) Bangalore
79.	Satellite Data Receiving Station in Indi		
	(A) Saharanpur (B) Kolkata	(C)	Hyderabad (D) Shadnagar
DO.	English VVCV		
80.	Expand NASA (A) National Atmospheric Space Age	(B)(21)	
	(B) National Aeronautics and Space A	- 5	istration
	(C) National Atmospheric Science A		istation
	(D) National Academic Space Admin	-	Sp.
	The state of the s		54 B.C
81.	At present in our country crop area, vig	or, and	l crop yield estimations arrived by
	(A) Field verification		୍ଟର ଅ
	(B) Satellite remote-sensing		
	(C) Aerial photography		
	(D) Satellite remote-sensing & few fi	eld ver	ifications

10

Set - A



GG

84.		owave remote Land use		The state of the s		ui ioi mapping Water bodies		Forest timber	
83.	Basis	c source of Tsi	unami	origin will be					
50 Table						Landslides	(D)	Floods	
84.	Ocea	ınsat satellite c	lata wi	ll be useful in	identi	fying potential			
		Phytoplankto				Mangroves			
	(C)	Oil resources			(D)	Ocean miner	als		
85.	Defo	restation and a	affores	tation could b	e well	menitored wit	h remo	te-sensing data of	
	(A)	One season			(B)	Pre & post n	002500	n	
	(C)	One year data	a		([)	Time sequen	tral d a t	ta of 5 to 10 years	
86.	Struc	tural features-	Fault	s/fracture linea	aments	are potential a	zones c	of groundwater	
	(A)	Delta areas			1B)	Hard rock ter	main		
	(C)	Forest areas			(D)	Deserts			
87.	Deve	elopment of ve	getatio	on/mangroves	over tl	ne beach sands	reduc	es the impact of	
	(A)	Storm surge	and Ts	sunamis	1B)	Floods from	the riv	ers	
		Earthquakes				Volcanie act			
88.	High	est Potential z	ones f	or landslides i	n India	l			
	(A)	Western ghat	S.		(B)	Eastern ghat:	5		
	(C)	Aravalli			(D)	Himaiayas			
89.	Ther	mal imaging is	s used	in identifying					
	(A)	Forest fires &	c coal	seems fire	(B)	Forest timber	r		
	(C)	Snow covere	d area:	S	(D)	Flood zone n	nappin	g	
90.	Which	ch one of the f	ollowi	ng statements	is not	correct?			
	(A)	GIS technolo	gy is t	he same as tra	ditiona	il mapping.			
	(B)	GIS technolo	ogy is	a tool box fo	or pro	cessing maps	and n	indamental concepts	s for
		spatial measu	iremer	it.					
	(C)	GIS technolo	gy cor	ntains analytic	capab	ilities for over	lying n	naps.	
	(D)	GIS technolo	gy cap	able to study	the en	vironmental su	rround	ings.	
91.	The	range measure	ments	in GPS are ma	ade wr	th			
	(A)	3L- band free	quenci	es	(B)	2L-band free	quenci	es	
	(C)	2C- band free	quenci	es	(D)	3C- band fre	quenci	ės	
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Set -	A			12				G
		Angular measurem			All the abov		om neasurements	*
100,		nam surveying field-v Linear measuremer			Roth linear	ind and	ular measurements	es es
	(C)	File compression		(D)	Mosaicing			
		Scanning			Editing			
99.		cal data input or data	a capture func		3.5	r GIS d	o not include	
98.		offer operation perfor A rectangle (B)	•				A circle	
			NOT	0.000			Exclusive OR	
97.		n we select from set						
	(C)	Equal intervals		(D)	Unique valu	62		
	(A)	Quantities	h.	(B)	Natural brea	ks.		
96.	Attri	butes are almost best	t classified by					
	1C1	Networking		(1)	Data display			
	(A)	Data capture		(B)	Data manag	ement		
95.	The	following are the crit	tical elements	of GIS	, except			
		Area geography and						
		Physical geography			,			
		Human geography		zeogran	shy			
94.		major areas of study Physical geography		arc				
	(D)	A system of data go	eneration					
		A method of scanni		roduce	raster files			
		A method of storing				ormatio	п	
	(A)	A method of data st	torage, retriev	al and	representation	1		
93.	By d	lefinition GIS must in	nclude					
	(D)	The epistemologica	d study of GIS	S				
	(C)	The application of	GIS to a runge	of sci	entific discipl	ine		
		The science behind		•				
741	9-350 BL0060	The use of this to so						
94.	1 11 (1)	grapincar miormation	I NERTHER IVIL	OUT CHIE	DE GEHREG AS			



101.	The main principle of surveying is to work									
	(A)	From whole to the part	(B)	From part to whole						
	(C)	From higher level to lower	(D)	From lower to higher level						
102.	The	most reliable method of plotting a	theodo	dite traverse, is						
	(A) By independent co-ordinates of each station									
	(B) By plotting included angles and scaling off each traverse leg									
	(C) By consecutive co-ordinates of each station									
	(D)	By the tangent method of plotting	!							
103.	Clos	ed contours of decreasing values to	wards	their centre, represent						
	(A)	A saddle or pass	(B)	Depression						
		Dome	(1)	A river bed						
104.	The	accuracy of measurement in chain	survey	ring, does not depend upon						
	(A)	Length of the offset	(B)	Scale of plotting						
	(C)	General layout of the chain lines	([)	Importance of the features						
105.	In cl	nain surveying tie lines are primaril	y prox	ided						
	(A)	To take offsets for detail survey (B) To increase the number of cha								
	(C)	To check the accuracy of survey	(D)	To avoid long offsets from chain line						
106.	Whi	ch of the following Symbol is allow	ved in	variable declaration ?						
	(A)	(pipeline) (B) * (asterisk)	(C)	_ (underscore)(D) = (hyphen)						
107.	In w	hich of the following data types. (he am	ount of memory required is equal to memory						
	of la	rgest member ?								
	(A)	Structure	(B)	Union						
	(C)	Structure and Union	(D)	None of the above						
108.	A switch case without break statement will generate									
	(A)	Exception (B) Error	(C)	No error (D) None of the above						
109.	An a	erray is								
	(A)	sequence of values	(B)	pointer to first value in the sequence						
	(C)	(A) and (B)	(D)	only (A)						
Set -	A		13	GG						



119.	Consider the forlowing statement and what will happen on confirming this code simpler : int i;										
	for(i=0;i<100;i++);										
	(printfi 'Decaprio');										
		Will generate				(B)	Will raise exception				
		No error and					None of the	- 2			
111.	A N	ULL pointer is	5								
		Pointer point		nothing		(B)	Pointer pointing to negative value				
		Pointer point					59	800			
112.	What is the output of the following code suppet "										
	main()										
	-										
	int x	4									
	x=5 0 %2;										
	printf("Gd".x);										
	3)										
	(A)	2.5	(В)	1		(C)	Error	(D)	1.0		
2012	William Call Call and a form autification of the call to the call and										
113.	Which of the following keyword is used for unconditional branching? (A) goto (B) break (C) continue (D) (B) and (C)										
	(A)	goto	(B)	break		(C)	continue	(D)	(B) and I	C)	
114.	What is the output of the following output?										
	int a=5:										
	printf($-\epsilon i d^{\alpha}$, $a++ * ++a$):										
	(A)	6	(B)	36		(C)	30	(D)	.25		
115.	A pointer is holding an address of a variable. Later the variable is released or freed. Such a										
	poin	ter is called									
	(A) Dangling pointer					(B)	Null pointer				
	(C)	Void pointer				(D)	None of the	above			
Set -	A					14				GG	



110.	able	to mate at the uce another pa	age o	fone me	onth so that	at the	end of its sec	ond month a	female car				
	alwa	ys produces or	ie new	pair (or	e male, one	female							
	on. How many pairs will there be in one year?												
	(A)	89	(B)	144	(C)	34	(D)	55					
117.	A fu	A function calling itself until condition is satisfied											
	(A)	Nested functi	on cal	1	(B)	Recu	rsion						
	(C)	Conditional E	Branch	ing	(D)	None	of the above						
118.	Wha	t is the output	file ge	nerated l	y linker '								
	(A)	Header file			(B)	Executable file							
	(C)	Library file			(I)	None	of the above						
119.	Wha	t does the follo	wing	code snii	nnet do '								
JT. (TO JV TO)		nain()											
	1	100											
	int :	i=10,b=20;											
	a^=b^=a^=b;												
	printf("'i d,%d",a, b).												
	return 1:												
)												
	(A) Computes exponents of each other												
	(B) Does not affect the values of a and b												
	(C) Swap the values of a and b												
	(D) None of the above												
120.	Wha	r will be the or	itout c	if the foll	owing prog	um ⁹							
	What will be the output of the following program? #include <stdio.h></stdio.h>												
	void main()[
	unsigned char c=290;												
	printf("Sed".c) :												
)	in the ice	20.										
	(A)	290	(B)	епог	(C)	34	(D)	garbage valu	e				
					ii n ee e								
Set -[A				15				GG				



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