

# Entry Test Question Paper Department of Civil Engineering

Kabul Fall 2023 Directions: Please solve all the two mark. Transfer the correct answer to your answer sheet.

#### Section One – Mathematics

## 64 Marks (Forty Minutes)

#### 32 questions in this section, every question has

1.	The simplified fo	rm of the expression	n $50 \div 10 * 5 - 25 =$	=
	A. 0	B. 24	C. 24	D. 50
2.	The simplified fo	rm of the expression	4(x+2)+3	(x+6) =
	A. $10x + 5$	B. $7x + 26$	C. $9x + 18$	D. $6x + 2$
3.	The solution of li	near equation $7x$ $-$	3=5x+9 is	
	A. 10	B. 11	C. 15	D. 6
4.	The solution of the	he inequality expres	sion -2x +1 > 5 is equa	l to
	A. X<-2	B. X>2	C. X<2	D. X>-2
5.	The solution of the	he inequality expres	sion -5(x-1) < 10 is equ	ual to
	A. X>1	B. X<1	C. X>-1	D. X<-1
6.	The difference so	quare formula a²-b²=	=	
	A. (a+b)(a – b)	B. (a+b)(a + b	o) C. (a–b)(a – b)	D. None of them
7.	The factorization	of the expression x	<sup>2</sup> - 4 =	
	A. (x-2)(x-2)	B. (x-2)(x+2)	C. (x+2)(x+2)	D. None of them
8.	The group factor	ization of the expres	ssion $ab^2 - 4b^2 + 3a - 1$	2 =
	A. $(a-4)(b^2+3)$	B. $(a + 4)(b^2 + 3)$	C. $(a-4)(b^2-3)$	D. $(a + 4)(b^2 - 3)$
9.	The group factor	ization of the expres	ssion $x^2 - x + 5x - 5 =$	
	A. $(x+1)(x+5)$	B. $(x-1)(x+5)$	C. $(x-1)(x-5)$	D. $(x + 1)(x - 5)$
10.	If the whole pow	er of the algebraic e	expression become zer	o, then the result is equal to
	A. 0	B. 1	C. <b>-1</b>	D. None of them
11.	The simplified fo	rm the expression 1	$0^{-3}$ . $10^2$ =	
	A. 10	B10	C. 1/10	D1/10
12.	The simplified fo	rm of the expression	n (100 a <sup>12</sup> b <sup>6</sup> /50 a <sup>11</sup> b <sup>5</sup>	) <sup>2</sup>
	A. $4a^2 b^2$	B. $4a^{23} b^2$	C. $4a^2 b^{11}$	D. $-4a^2 b^2$
13.	The simplified fo	rm of the expression	1 ( $x^{12} / x^{10}$ ) <sup>-1</sup>	
	A. X <sup>-2</sup>	B. X <sup>2</sup>	C. X <sup>22</sup>	D. X <sup>-22</sup>
14.	When solving $\sqrt{-}$	 - <b>4</b> the possible ansv	ver is	
	A. 2		. No real solution	D. None of them
15.	The solution of ra	adical equation $\sqrt{2x}$	$c - \overline{5}$ =7 is	

	A.	27	B. 54	C. 19/2	D.	-19/2	
16.	The	e solution of ra	idical equation	$\sqrt{x-1} = -1$			
	Α.		В2	C. 0	D. No	ne of them	
17.	The	e solution of x <sup>2</sup>	+4 = 0 is				
	A.		B. 2	C. ±2i	D. Non	e of them	
18.	If C	Discriminant b <sup>2</sup>	-4ac <0 then				
	A.	The equation	has two nonz	ero complex	solution		
	B.	The equation	has one real s	solution			
	C.	The equation	has two real s	solution			
	D.	None of them	1				
19.	Qu	adratic equation	on is always o	f			
	A. 2	2 <sup>nd</sup> degree equ	ation B. 1 <sup>st</sup>	degree equat	ion C. 3 <sup>rd</sup> degree 6	equation	D. None of them
	20.	The equation	in which the p	ower of varia	able is one is called		
	A. I	Linear equation	n B. Quadrat	c equation	C. Constant equati	on D.	Identity equation
	21.	The graph of I	inear equatio	n always repr	esents		
		A. A straight			C. A Curve	D. None of t	
	22.				cept and y-intercept		
					y) C. (x, 0) and (0,	y) D. (0,	0) and (0, y)
	23.	The graph of					
		A. Horizonta		Vertical line	C. Non-vertical lin	e D. None	of them
	24.	The graph of y					
		A. Horizonta		ertical line	C. Non-vertical lin	ne D. Non	e of them
	25.	The distance l		ioints (2,3) ar		_	_
	26	A. 5	B5	. (4 3)	C. 3	D.	0
	26.	The Slope bet		its (4, -2) and		_	<i>-</i> /¬
	27	A. 7/5	B7/5	allal if thair d	C. 5/7	D.	-5/7
	27.	Two lines are	·		•	D1	2
	20	A. m1 = m2 Two lines are	B. m1		C. m1>m2	D. m1	s.mz
	20.		B. m1.m		C. m1.m2= -1	D. No.	ne of them
	20	A. $m1 = m2$			represent function?		ie or them
	29.			-			
		A. {(1,4), (3,			. {(1,4), (1,5), (1,9)} {(1,4), (3,5), (10,9)}		
	30	C. {(1,4), (3,5) A function wh					
		Constant func			C. Linear functi	on D. Both	"A" and "C"
				,			

#### **Entry Test**

		<i>II the two mark. T</i> dratic equation is a	-		your answer sheet.
A.	. A straight line	B. Hyperbo	la C. Parab	ola [	D. None of them
32. Th	ne solution of lo	garithmic equation	Log <sub>10</sub> x + Log <sub>10</sub> (x+	-9) = 1 is	
A.	. x=1 only		C. Both "A" and on Two – Logic s (Forty Minutes		. None of them
		32 questions i	n this section, eve	ery question l	nas
33. W		ng letter in the seq			
24.15	a) H 	b) I	c) l	d) K	
	•		ween Canada and	the United S	States, where do they
Dι	ury the survivors				AV AL
21		) United States eck but no head?	c) You don't bury	/ survivors	d) None
			a) Dattal	ا.	) All of the one
•	Pencil	b) Cup	c) Bottel	a	) All of them
36. V		front of you but c		al\ N1: alas	
27 10	a) Future	b) Time	· ·	ay d) Night	
	•	natch and you ente	er a room with a i	kerosene lam	p, a candle, and a
ŤI	•	do you light first?	\		N 8 4 4 1
20.14	a) Lamp	b) Candle	· ·	•	) Match
38. W		en it's clean and w		•	N 44 - 00 444 - 1
	a) Paper has a hea	b) Chalkboard d and a tail but no	·	arker-board	d) None 39. What
a) (	Coin	b) Ant	c) Spic	ler d	) Dog 40. What
has a	thumb and four	fingers but is not a	alive?		
a) l	Human	b) Bird	c) Animal	d	) Glove
41. W	hat starts with a	a T, ends with a T, a	and has T in it?		
a)	Start b) T	arget c) Tea	pot d) All 42. Wh	nat goes up	
but ne	ever comes dow	n?			
а	) Lift b	) Plane c) A	ge	d) None	
43. L	ook at this serie	s: 36, 34, 30, 28, 24	1, What numbe	er should con	ne next?
a	) 22 b	) 20	c) 23	d) 2	16
44. W	Vhich word does	NOT belong with	the others?		
a) T	yer b	) Engine	c) Steering V	Vheel d	) Car
45. Cı	up is to coffee a	s bowl is to			
	a) Dish b	) Soup	c) Spoon	d) Food	
46. Se	elect the wrongl	y spelt word!			
	a) Calandar b	) Stream	c) Career	d) S	ewing
47. Th	ne quality of pub	olic health care	on the am	ount of mon	ey allocated to it
		b) Depending			) Depend
48. Su	uresh, the son o	f Mahesh is marrie	d to Sia, whose s	ister Jia is ma	rried to Amar, the
br	other of Suresh	. How is Jia related	to Mahesh?		

	a) Dau	ghter-in-law	b) Cousin	c) Sister-in-la	aw d) Si	ster
49.	The day be	efore yesterda	y was Saturday	v. What day will	it be the day aft	er tomorrow?
a)	Sunday	b) Mond	ay	c) Tuesday	d) Wednesday	•
50.	A book alv	vays has				
	a) Story	b) Conte	ent	c) Pages	d) Bind	ling
51.	Complete	the following s	series with corr	rect number 32,	, 34, 36,, 4	10
	a) 37 b)	38	c)39		d)41	
52.	If you have	e a bowl with s	ix apples and y	ou take away f	our, how many c	lo you have?
	a) 2	b) 4		c) 6	d) 3	
53.	What brea	ıks and never f	alls, and what	falls and never	breaks?	
a)	Paper	b) Wall	c) Cem	ent	d) Day breaks	and night falls
	54. What	goes up and d	own, but alway	s remains in th	e same place?	
	a) Ti	me	b) Day c) Stair	rs d) No	one	
	55. What	is the differen	ce between ye	sterday and ton	norrow?	
	a) Da	ay after tomor	row b) Tod	lay c) Day be	efore yesterday	d)
	Al	l 56. Where is	an ocean with	no water?		
	a) Ar	nerica	b) Africa	c) Asia	d) On a m	ар
	•	•	•	-	_	aduates of the police
	_	•	_	_		s. What is the total
		-	-			w officers? a) 70-Afs
	-	c) 160-Afs			d necessarily in c	lesert?
		d b) Waterm	ielon c)	Camel	d) Wind	
		r always has				
	•		b) Boat	c) Banks	· ·	ridges
	•	•		han my Twelve	•	
	a)	Always	b) Never	c) Often	d)	
			· ·	es the strength	and power to wa	alk
	` ~	through walls		\ o		
	a) Doo		) Boots	c) Stairs	d) None	!
			_	inning of a pape		
	a) Lin		) Numbers	c) P	d) Dots	
			o eight days wi		S. 13.51	
			) Sleeps at nigl	•	after d) None (	04.
			n ocean have?			
	a) Curly		b) Brown	c) Wavy	/ d) All	

Directions: Please solve all the two mark. Transfer the correct answer to your answer sheet.

## Section Three – General Knowledge 64 Marks (Thirty Minutes) 32 questions in this section, every question has

65.	Which river is th	e longest in Afgh	anistan?				
	A) Amu Darya	B) Kabul River	C) Helmand R	iver [	)) Hari Rud		
66.	Afghanistan sha	res its longest bo	rder with which o	country?			
	A) Iran B)	Pakistan Pakistan	C) Tajikistan		D) China		
67.	The historical Bu	uddha was born i	n which modern-	day country	?		
	A) India	B) Nepal	C) Sri Lan	ıka	D) Afghanistan		
68.	What mountain	range forms a na	tural barrier bet	ween Afgha	nistan and Pakistan?		
	A) Himalay	/as B) Hindu Kı	ush C) Kara	koram Rang	e D) Pamir		
	Mountains 69.	Which ancient tra	ade route passed	through Af	ghanistan connecting the		
	East and West?						
	A) Silk Road	B) Spice Route	C) Incense	Route	D) Amber Road		
70.	Which Afghan k	ing is known as th	ne "Father of the	Nation" and	I modernized the country in		
	the 20th century	y?					
	A) Ahmad	Shah Durrani B	) Amanullah Khar	n C) Habibu	llah Khan		
	D) Sher Ali Khan	1					
71.	The famous and	ient statues, dest	royed in 2001, w	ere located	in which Afghan city?		
	A) Herat	B) Mazar-i-Sh	narif C) Ka	bul	D)		
	Bamiyan 72. W	hat is the nationa	al sport of Afghar	nistan?			
	A) Football (So	occer) B)	Buzkashi	C) Cricket	D) Wrestling		
	73. Afghanistan	was never coloniz	zed by which Eur	opean color	ial power?		
	A) United Kir	ngdom B)	France	C) Russia	D) Austria		
	74. In which mor	nth does Ramada	n, the Islamic ho	ly month of	fasting, usually occur?		
	A) Shawwal	B) Dhul-	Hijjah	C) Ramad	an D) Safar		
	75. What is the r	national flower of	_				
	A) Tulip	B) Lilly		C) Rose	D) Poppy		
	•	•		a coup led to	the overthrow of the king.		
	Who was the	e last Afghan king					
	A) Zahir Shah	· •	med Nadir Shah	C) Mo	hammed Zahir Shah		
	D) Habibu						
	77. The famous ancient city of Herat, known for its rich cultural heritage, is located in which						

region of Afghanistan?

	A) Central Afghanistan	B) Eastern A	Afghanistan	C) Wester	n Afghanistan	
D)	Northern Afghanistan					
78.	Which of the following is n	ot an Afghan	dish?			
ļ	A) Mantu B) Qo	rma	C) Biryani		D) Bolani	
79.	Afghanistan has a rich trad	ition of story	telling through	oral poetry	. What is this forn	n of
	poetry called?	·				
	A) Ghazal B) Qa	asida	C) Tappa		D) Dehqan	
80.	The famous ancient city of			is consider	•	est
	cities in the world. In which					
		-		vince D)	Kandahar Provinc	-Δ
21	The Minaret of Jam, a UNE		-	-		
01.	located in which province		_	in ancient i	siarriic mortumem	-
	•	_		t Drovinco	D) Char Province	•
0.2	, ,	-			D) Ghor Provinc	
82.	What is the traditional Afgl	nan rootwear	, orten made of	leather an	a worn by both ir	ien
	and women?	6) 1		5/5 /	. 01	
	A) Sandals B) Clogs	-	oafers	•	vari Chappal	
83.	Which famous Afghan fem	ale artist beca	ame the first wo	oman to rep	oresent Afghanist	an
	in the Olympics in 2004?					
	A) Kubra Ali B) Tahmina			qimyar	D) Friba Razayee	
84.	Afghanistan is divided into	how many pr	ovinces?			
	A) 26 B) 28		C) 30	[	D) 34	
85.	The ancient city of Kandah	ar was a signi	ficant center al	ong which l	nistorical trade ro	ute?
	A) Silk Road B) Spice R	oute C) In	cense Route	D) Trans-Sa	haran Trade Rout	e
86.	The Afghan New Year, also	known as "N	awruz," is celeb	rated on w	hich day?	
	A) March 21 B) April	1 C)	May 1	D) June 23	1	
87.	What is the traditional Afgl	han dance pe	rformed on joy	ous occasio	ns, often involvin	g
	twirling movements and co	olorful dresse	s?			
	A) Attan B) Kath	ak	C) Bhangra	D) Gho	oomar	
88.	Which famous ancient fort	ress, also kno	wn as the "Red	City," is a l	JNESCO World	
	Heritage Site located in Afg			•		
		) Qila-e-Bost	C) Citadel of	Herat I	D) Arg-e-Bam	
89.	Which province of Afghania					e
	agricultural land?			J		
	A) Nangarhar Province	B) Laghma	n Province	C) Balkh	n Province	D)
	Kunduz Province	2, 208		<b>0, 20</b>		-,
90.	Afghanistan is a landlocked	l country, bor	dered by how r	many count	ries?	
	A) 4 B) 6		) 8	D) 10		
91	The Khyber Pass, an impor		•	•	ects Afghanistan v	with
J1.	which country?	tarit mstorica	i and strategic i	oute, com	ects Aignamstan	VVICII
	A) India B) China	CI	Pakistan	D) Ira	an	
ດວ	What is the Largest lake in	-		טן ווי	all	
32.		_		ilmand	D) Cabora	
02			C) Hamun-e-H		D) Sabera	
93.	The famous 6th-century Bu	idana statues	in Bamiyan we	re carved ii	nto which type of	
	rock?		0) 0 1 .	->-		
•	·	ranite	C) Sandstone	· · · · · · · · · · · · · · · · · · ·	1arble	
94.	What is the traditional Afgl	nan Music Ins	trument, a type	e of Tambo	urine, often playe	d at
	wedding and celebration?					
	A) Rabab B) H	larmonium	C) Dholak	D) [	Daira	

#### **Entry Test**

Directions: Please solve all the two mark. Transfer the correct answer to your answer sheet.

95. What is the traditional Afghan wrestling sport, also known as "the sport of heroes"?

A) Kushti B) Taekwondo C) Sumo D) Karate

96. In which year did Afghanistan gain independence from British influence and establish full sovereignty?

A) 1919 B) 1947 C) 1963 D) 1978

### Section Four – English Language 64 Marks (Forty Minutes) 32 questions in this section, every question has

97	7. Ali abstained _	school.				
ā	ı. at	b. fron	n	c. to	D: f	or
98	3. She was charge	ed st	ealing the money	<b>'.</b>		
ā	a. with	b. for		c. of	D:	from
99	9. The police will	inquire	_ the matter.			
	a. in	b. about	c. i	nto	D:	above 100.
All	ah has bestowed	many comfort _	us.			
	a. upon	b. to		c. for	D: at	
10	01 is the	best policy to ov	vercome.			
	a. honesty	b. the honesty	c. the integr	ity	D: Honest	
10	02. She will recei	ve at	the film fare cere	emony fo	r her best perfo	rmances.
	a. a special hone	or b. honor c.	special honor	D:	honored	
10	03. Farhad gave <sub>-</sub>	to	his dog.			
	a. bone b. so	me bones	c. some bone	D:	few bones 104.	She
n	eeds to buy	of corn.				
	a. two pieces	b. two ears	c. two cla	ıps	D: two piece	<b>!</b>
10	05. This train is b					
	a. for				D: from	
10	06.     I wish I					
	A: were		C: can l	-	D: will b	e
10			n't afford to purc			
			h an expensive c			
			a mus			A:
			C: plays D: were			
10	09. Yama wishes	that he	his friend to	the mov	ie which he didi	າ't like.

A: has taken	B: has beer	n taken	C: hadn't t	aken	D: took	
110. If I had your add	lress in Kabul, I		_ you many le	etters.		
A: would have writ	ten B: would	write C: wr	ote [	D: will wri	te 111. Both	
Tameem and Arash	bea	autifully.				
A: sings	B: sing	C: is sig	ning	D: v	vas signing	
112. Henna is late. W	hen do you expe	ct her to ar	rive? She		at 2:00.	
A: might be arriving	B: might be arri	ve C: sho	uld be arrivin	g D:	should be arriv	ed
113. If we	her, she would	l have staye	d for dinner.			
A: have asked	B: has ask	ced C:	asked	D:	had asked	
114. She will get use	ed to	with her	aunt in Kabul			
A: live E	3: to living	C: live	ed	D: li	ving	
115. Idress is caught	·	in Afghai	nistan history	studies.		
A: with	3: up	C: ab	out	D: c	f	
116. Shakeel is going	g to	his fav	orite fantasie:	s in the ne	ext dramas.	
A: acting out	B: act out	C: to	act out	D: ac	ted out	
117. Diana,	is a new a	ctress, is go	ing to be kno	wn soon b	ecause of her b	est
performance.						
A: which B: v	who (	: that	D: v	vhom		
118	People applied for	or the job. I'	m sure I will g	get a job.		
A: such a few	B: such fe	w C: s	o few	D: sc	a few	
120. I phoned my	e B v friend. He wasn	•				abic
A: might has g	one B: might l	nave went	C: went	D:	might have gon	e 121
You must bend _	backw	ards to earı	n much mone	у.		
A: over	B: abou	t	C: on		D: in	
122. Don't you kı	now that the pro	blems of saf	ety in every c	ne's hom	e	by
the Mayer.						
A: is discuss	B: should discuss	C: sh	ould be discus	ssed I	D: is discussed 1	23. I
that he	is going to come	as soon as y	ou can expec	t.		
A: thinks B: a	m thinking C	: think		D: was t	hinking 124.	
There are	in this article	. It is difficu	It to rememb	er them.		
A: so many w	ords B: so muc	h words	C: so a few w	ords	D: so little	
vocabulary 125. I	s it simple to cate	ch	_what the in	structor s	ays?	
A: about	B: in	C: on		D:	none of them 1	26.
When I started w	orking as a mana	iger, I promi	ised	_ the best	service I could	
A: to give						do.
127. Try to avoid	B: giv	ing	C: give	<b>!</b>	D: gave	do.
	_	_	C: give	!	D: gave	do.
A: to smoke	_		J		D: gave D: smoked	
A: to smoke 128. Sheema	dcigars. e B: sm	oke	C: smc	oking	D: smoked	
	dcigars. e B: sm in IRC Sch	oke	C: smc	oking	D: smoked	

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## Section Five – Sciences 64 Marks (Thirty Minutes)

Directions: 32 questions in this section, every question has

129.	Which of the follo	wing is not an All	oy?		
	A. Brass	B. Solder	C. Bronze	D. Silve	r
130.	Isotonic solution a	are the solutions h	naving the same		
	A. Surface tensi	on B. Concer	ntration C. Osmot	ic pressure	D. Viscosity
131.	A pure substance	which contains or	nly one type of atom	is called	
	A. an element	B. a compo	und C. a sol	lid	D. a liquid
132.	The density of wa	ter may be			
	A. Equal to that	of ice	B. Less than that	of ice	
	B. C. Greater th		D. All are possible	e 133. Which	of the following
is	a homogeneous mi	xture?	•		· ·
	=		ater C. Salt and Su	lphur	
	o. Sodium chloride a	=			
		_	re than two compour	nds is called	
	A. Solution		· · · · · · · · · · · · · · · · · · ·	adical	D. lon
135.	Number of moles in	•			
	A. Normality	_		:V	D. Mole
f	raction	,		,	
136.	Gases deviate from	ideal behavior be	ecause molecules		
	A. are colorless		rical C. attract ea	ch other 🛭 🗅	). have high
S	peeds	,			G
	· Water of crystalliza	tion can be remo	ved by		
	A. Drying	B. Heating	C. Evaporation	ſ	D. All the above
138.	Coal is produced af	_	•		
	A. Animals	B. Fossils	, C. Wood	D.	. All the above
139.	In which of the follo	owing layer of atn	nosphere there is mo		
			re C. Mesosph		D. Photosphere
1	40. What is the caus	•	,		•
Α	. Interference of pri	mary wavelets	B. Reflection o	f primary wav	elets
	Reflection of secor	•	D. Interference		
		•	between electrostati	•	
	A. Force can be	•		J	
		•	lium between the boo	dies	
	C. Both the force				
		•	to the distance betw	een the bodie	:S
142.			ne force acting on a cl		
	uniform magnetic f		<b>0</b>		
	_	Β. θ = 180ο	C. θ = 0o	D.	θ = 360ο
143.			carrying conductor, in		
	be experienced call		, 6,		,
		•			

Please solve all the two mark. Transfer the correct answer to your answer sheet. C. Magnetic field A. Electric field B. Magnetic pole D. Charge distribution 144. Unit vector n<sup> is along</sup> C. Y-axis D. Z-axis 145. What A. X-axis B. Normal on a surface is the net electrostatic field in the interior of a conductor? C. Zero D. Depends on the nature of the conductor A. Positive B. Negative 146. What is the force exerted by a stationary charge when it is placed in a magnetic field? A. Zero B. Maximum C. Minimum D. Depends on the strength of the magnetic field 147. If a body a mass of 2 kg is raised vertically through 2m, then the work done will be A. 38.2 J B. 392.1 J C. 39.2 J 148. Identify the condition under which the force acting on a charge moving through a uniform magnetic field is minimum. C.  $\theta = 2700$ A.  $\theta = 900$ B.  $\theta = 1800$ D.  $\theta = 3400$ 149. Which among the following is false? B. Coulomb force is a central force A. Coulomb force is a weak force C. The force between two charges depend on the medium between them D. The net force on a charge is the vector sum of the forces acting on it due to several other charges 150. DNA is stored in which of the following cell organelle? b. Cell Membrane a. Cell wall c. Nucleus d. Cytoplasm 151. Which of the following organisms doesn't have a cell? a. Virus b. Bacteria c. Fungi d. Algae 152. RNA is present in which of the following cell organelles? b. Ribosome c. Nucleus d. Cytoplasm and Golgi complex 153. Which of the following cell is found in the brain? a. Neuron b. Hepatocyte c. Nephron d. Epithelial cell 154. Which of the following is the process of synthesis of glucose? a. saccharification b. glycolysis c. gluconeogenesis d. neogenesis 155. Which of the following is not a component of cell membranes? b. Cholesterol a. Phosphotriglycerides c. Sphingolipids d. Phosphodiglycerides 156. Which of the following cells do not lack the ability to divide? b. muscle cells c. skin cells a. red blood cells d. nerve cells 157. Loss of appetite due to the fear of becoming obese is-----? a. Anorexia nervosa b. Bulimia nervosa c. Piles d. Dyspepsia 158. Co-ordination in man is brought about by-----? a. Nervous system b. Endocrine system c.Both of these d. none of these. 159. In which of the following pigments major energy reserves and cell wall are like plants? a. Rhodophyta b. Chlorophyta c. Phaeophyta d. Chrysophyta 160. The only group of algae having no flagellated motile cells at any stage is---?

a. Chrysophyta

b. Phaeophyta

c. Pyrrophyta

d. Rhodophyta