رقم المادة: ٢/ E /٦٠١٣

دمــــج/ ضعيف يصر

عدد الصفحات (١٣ صفحة) + الغلاف الخارجي + عدد ٤ صفحات مسودة وفقد أية ورقة من الكراسة يعتبر مسئولية الطالب

جمهورية مصر العربية

وزارة التربية والتعليم والتعليم الفنى

امتحان شهادة إتمام الدراسة الثانوية العامة لطلاب الدمج التعليمي

المادة: الرياضيات التطبيقية (ديناميكا بالإنجليزية) (دمج ضعيف بصر)

زمن الإجابة: ساعتان

مجموع الدرجات

(الإجابة في نفس كراسة الأسئلة) الدور الأول ٢٠٢٢ م

ी कार्यकृति है। है। है। है। है।	هراي که کديم کيا کي کي	સિવિસિસિસિસિસિસિસ	(al alking a king
قيع مراجع السوال	فو مقدر السوال ــــ	الدرجة	
	385663325884538538344453		
			identila P eliperagii
			Y
			1
			1
		·	Y
			A ii
		-	
			لنجرع

رقم الراقبة

مجموع الدرجات بالحروف :

المصنباءات المراجعين :

رقم المراقبة

وزارة التربية والتعليم والتعليم الفني

جممورية مصر العريبة

امتحان شهادة إنمام الدراسة الثانوية العامة لطلاب الدمج التعليمي

المادة الرياضيات التطبيقية (ديناميكا بالإنجليرية) (دمج ضعيف بصر) (الأجابة في نفس كراسة الأسبلة) الدور الأول ٢٠٢٢م

اسم الطالب رياعيًا /

الحافظة / رقتم الحلوس /

> الإسم التوهيع

توقيع الملاحظين بصحة البيانات ومطآبقة عدد أوراق كراسة الإجابة عند استلامها من الطالب

Section of the second of the s

(دمج . ضعیف بصر)	Arab Republic of Egypt	(۲۰۱۳) E (۲۰۱۳)
General Secondary Edu	Ministry of Education scation Certificate Examinat	ion – First Session 2022
dynamics	[Third Year Secondary]	Time: 2 Hours
(الإجابة في نفس كراسة الأسئلة)	4.4	۱ me: 2 mours الديناميكا (بالإنجليزية) الدور الأول ٢
(الأسئلة في ثلاثة عشر صفحة)		يسمح باستخدام الآلة الحاسبة
Calculator is allowed		
First: Choose the correct a	answer from those given	
(1) If the velocity of a part	icle is determined by the re	elation $v = x^2 - 3$, where
$\ \vec{v}\ $ is in (m/sec), $\ \vec{x}\ $	is in meter, then when $x=$	2m. the acceleration
of this particle a =	m/s ²	
a 4b 3	© 1	d zero
(2) If a body of mass 17 kg.	moves under the action of	The force $\overrightarrow{F} = 8\overrightarrow{\imath} + 15\overrightarrow{\imath}$
	on, then the magnitude of	
equals $$ m/s ²		the acceleration
(a) zero (b)	1 © 2	(d) 3
<u> </u>		
*	*((بقية الأسئلة فى الصفحة الثانية))*	

If a for	ce of ma	gnitude 1	70 Newt	on acts of	n a body	of mass 5	kg, in the
				to change			
			1,				
ν_1 –	13 111/860	v_2 , t	$men v_2 =$	=	m/sec	;	
(a)	13	(b)	17	(c)	15	(d)	25
	···						
				.			
							$= 6\overline{\imath} -$
from th	e point A	(-1,2) to t	the point		here $\vec{\iota}$,	\vec{j} are ort	
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} , wo	\vec{j} are ort	hogonal u
from th	e point A	(-1,2) to to	the point one by thi	$B(3,4)$, W^{\dagger}	here \vec{l} ,wo	\vec{j} are ort	hogonal u

صر)	(دمج . ضعيف بد		-٣-	(۲۰۱۱) E / ۲ / أول	<u>ځ ("</u>
5)	A particle mo	oves in a straigh	it line, from	rest from	a fixed point	
		measure of its v r = (1 - cost) vector $\vec{s} = $			_	by
	<u>a</u>	t-cost	(b)	t + c	rost	
	©	t-sint	(d)	t + s	int	
		ce acts on a body			-	
i1	it is equal to 35.	$28 \text{ N} \cdot \text{s during } \frac{1}{25}$	second, then	the magni	tude of this for	rce
i1	it is equal to 35.		second, then	the magni	tude of this for	rce
i1	it is equal to 35.	$28 \text{ N} \cdot \text{s during } \frac{1}{25}$	second, then	the magni	tude of this for	rce
i1	it is equal to 35.	$28 \text{ N} \cdot \text{s during } \frac{1}{25}$	second, then	the magni	tude of this for	rce
i1	it is equal to 35.	$28 \text{ N} \cdot \text{s during } \frac{1}{25}$	second, then	the magni	tude of this for	rce
i1	it is equal to 35.	$28 \text{ N} \cdot \text{s during } \frac{1}{25}$	second, then	the magni	tude of this for	rce
i1	it is equal to 35.	28 N . s during $\frac{1}{25}$	© 882 Kg	g.wt d	tude of this for	rce
i1	it is equal to 35.	28 N . s during $\frac{1}{25}$	second, then	g.wt d	tude of this for	rce

It o h							/ Y / E (\ \ \ \
surfac	e, then th	e sum	fall down of its kine ling =	etic and p	otential e	m. above nergy aft	the grounder 1 second
a	196	b	98	C	49	\bigcirc	20
			·				
	e opposite	-					
The sm moves f tension	all pulley rom rest, in the stri	is smoot if the ma ng = 30 N	h, the syst gnitude of	the	N		m 2n
The sm moves f tension	all pulley rom rest, in the stri	is smoot if the ma ng = 30 N	h, the syst gnitude of N,	the	N 15	(d)	m 2n
The sm moves f tension then the	all pulley from rest, in the stri	is smoot if the ma ng = 30 1 on the pu	h, the syst gnitude of N, ılley =	the		(d)	
The sm moves f tension then the	all pulley from rest, in the stri	is smoot if the ma ng = 30 1 on the pu	h, the syst gnitude of N, ılley =	the		(d)	
The sm moves f tension then the	all pulley from rest, in the stri	is smoot if the ma ng = 30 1 on the pu	h, the syst gnitude of N, ılley =	the		(d)	
The sm moves f tension then the	all pulley from rest, in the stri	is smoot if the ma ng = 30 1 on the pu	h, the syst gnitude of N, ılley =	the		(d)	
The sm moves f tension then the	all pulley from rest, in the stri	is smoot if the ma ng = 30 1 on the pu	h, the syst gnitude of N, ılley =	the		(d)	
The sm moves f tension then the	all pulley from rest, in the stri	is smoot if the ma ng = 30 1 on the pu	h, the syst gnitude of N, ılley =	the		(d)	

ضعیف بصر)	(دمج،			<u>-</u> ٦_		أول	تابع (۲۰۱۳) ۲/E
28 m	/sec and s	stopped a	after 10 se	econd, th	al ground en the kin equals —	with inite	tial velocity
a	$\frac{1}{10}$	(b)	$\frac{2}{7}$	C	$\frac{5}{18}$	<u>d</u>	1
-							
		 -					
when i	tional as th	ne square 75 m/se	of its veloce of its m	ocity, if the	he resistand velocity ed	e equal 3	324 kg.wt,
(a)	1250	b	1500	C	1750	<u>(d)</u>	2000
			مفحة السابعة		-		

body is projected from its projection imum height of the 4.9 b	vertically u is given by body =	prizontal by hed the bott C 490 apwards and the relation	angle of site of the properties of the properti	980 at x meter after
body is projected from its projection imum height of the	vertically u is given by body =	ipwards and the relation	d its height $x = 39.2t$ neter.	980 If x meter after $t - 4.9t^2$, then
body is projected from its projection imum height of the	vertically u is given by body =	ipwards and the relation	d its height $n = 39.2t$ neter.	at x meter after $t - 4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
from its projection imum height of the	is given by e body =	the relation	n x = 39.2t meter.	$t-4.9t^2$, then
				78 <i>1</i> .
			d	70.4
			·	
* _	•			
*((a.a	عى الصقحة الثار	"((بقية الأسئلة	k	
	منة))*	في الصفحة الثامنة))*	((بقية الأسئلة في الصفحة الثامنة))*	*((بقية الأسئلة في الصفحة الثامنة))*

سعیف بصر)_					<u> </u>		1/Y/E(%.18	
plane force	e, inclined t	to the hor he direct	rizontal by ion of the l	angle of the	f measure 3 ne greatest s	s² up a sr 0°, unde	nooth inclined or the effect o wards, then the	f a
(a)	790	b	300	©	190	<u>d</u>	490	
								
								· · · · · ·
	car of ma				velocity 9	0 km/h	, then its	
					velocity 9 25000	0 km/h	, then its 50000	
mome	entum = .		Kg.m	n/s				
mome	entum = .		Kg.m	n/s				——————————————————————————————————————
mome	entum = .		Kg.m	n/s				
mome	entum = .		Kg.m	n/s				
mome	entum = .	(b)	Kg.m	o/s	25000			

(17) If a bad-	(دمز		_9_		أول	تابع (۲۰۱۳) ۲ / E (۲۰۱۳)
$\frac{\text{displacen}}{\overline{s}} = t^2 \overline{\iota}$	ment vector $\vec{l} + 5t \vec{j}$, w	der the effect \overline{s} as a function \overline{t} , \overline{f} and \overline{t} at \overline{t} , \overline{f} and \overline{t} , \overline{t} is \overline{t} .	ion of ting	me is giver orthogonal	by the unit vec	relation
		c the power ϵ				
a 2 w	ratt (l	21 watt	©	5 watt	d	28 watt
(18) The Kin		of a projectil	e of mas	ss 1 kg mov	ves with	velocity
	c equals	Joule				
30 m/sec	e equals		©	1450	<u>d</u>	450
30 m/sec			©	1450	<u>d</u>	450
30 m/sec			©	1450	<u>d</u>	450
30 m/sec			©	1450	(d)	450
30 m/sec			©	1450	<u>d</u>	450
30 m/sec			©	1450	(d)	450
30 m/sec			©	1450	(d)	450

(دمج . ضعیف بصر)	-1	نابع (۲۰۱۳) E / ۲ / اول
Second: Answer the following	questions: -	
(19) A car moves in a straig	ght line from rest from	m fixed point,
its algebraic measure of the relation $v = (8)$	of its velocity after tint $t-t^2$), where $\ \overline{v}\ $	me t second is given is in m/s, t is in second
then at $t = 3 sec$ find ϵ	each of the acceleration	on and the displacement.
		·
عشر))*	(بقية الأسئلة في الصفحة الحادية)*

-

(دمج . ضعیف بصر)	-11-	تابع (۲۰۱۳) E / ۲ / اول
(20) A sphere of mass 300 gm falls fill liquid surface and penetrates it was a distance of 9.6m in 2 seconds. Calculate magnitude of the impu	vith a uniform velocity	ers on a viscous y, to travel
		·
,		
4/(. *	Constanta Costa Co.	
عصه التالية حمل))"	*((بقية الأسئلة في الصا	

(دمج . ضعیف بصر)	-17-	ابع (۲۰۱۳) E / ۲/ أول
(21) A body of mass 63 kg with a rope that move in the string 105 kg.v acceleration of the bo	e the box vertically, if the vt., then find magnitude a	magnitude of the tension
((.	بقية الأسئلة في الصفحة الثالثة عشر))

(دمج . ضعیف بصر)	-17-	تابع E (۲۰۱۳) کا / اول
(22) A car of mass 3 tons a horizontal road with not the road resistance to	and the power of its engine in naximum velocity 50 m/sec its motion per each ton of it	. Find the magnitude of
:		
		·
		·
	((انتهت الأسئلة))	

THE PROPERTY OF THE STATE OF TH

4905400.Vojne
_
_
_
_
-
-
-
-
-
-
-

THE TOTAL SALES AND ADDRESS OF

