helpt + oflul as = 3 - City Com

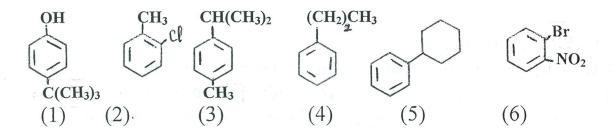
Mansoura University **Faculty of Science Chemistry Department** Subject: Chemistry Course(s): Organic Chemistry 236



Second Term 2nd level students Date: June 2014 Time Allowed: 2 hours Full Mark: 80 Marks

ANSWER ALL QUESTIONS

1. Read carefully the compounds (1)–(6), then answer the [27 Marks] questions:



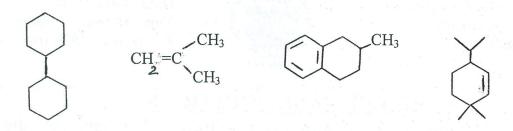
- Give acceptable names of compounds (1), (2), (4) and (6)i)
- Diagram the synthesis of (4) and (5) ii)
- Account for the conversion of (3) to benzene iii)
- Show the reaction of (1) with (CH₃)₂C=CH₂/H⁺ iv)
- Predict the products of the reaction of HNO₃/H₂SO₄ on V) (2); Cl₂/Fe on (3) and NBS/hy on (5)
- What is the effect of KMnO₄/OH, heat on (3) and (4) vi)
- The structure of sulfonation product of (6) is vii)
- 2. i) Predict the favoured product(s) of the reactions of with each of: [10 Marks] CH-CH=CH₂ ĊH₃
 - i) H_2SO_4/H_2O

- ii) Br₂/H₂O
- iii) KMnO₄, OH,H₂O,cold iv) O₃/CH₂Cl₂;Zn/AcOH

- v) NBS / hy
- ii) On chlorination of H_3C CH-CH CH₃ it was found that the

reactivity ratio between 1°: 3° H-atoms is

- 1: 3.25 Calculate the percentage of each isomer [9 Marks]
- iii) Show the products of the reaction of NBS/hy with the [8 Marks] compounds below:



3. i) Write out the structures of:

[9 Marks]

- i) An alkene C₆H₁₂ gives one organic product on ozonalysis
- ii) An alkyne C₅H₈ gives no reaction with sodium metal
- iii) Two isomeric aromatic hydro carbons of molecular formula C_9H_{12} and on oxidation yield the same product

ii) CH_3 - CH_2 - CH_3 $\xrightarrow{Br_2/h\nu}$ CH_3 - CH_2 - CH_2 Br + CH_3 -CH- CH_3 98%

Calculate the reactivity ratio between 1° and 2° H-atoms in this reaction [8 Marks]

iii) Diagram these conversions:

9 Marks

i)
$$C \equiv CH$$
 \rightarrow H_3C $CH - C \equiv C$

ii) CH₃-C

- CH-CH₃
- iii) $\langle \underline{} \rangle$ \rightarrow
- CCl₃

(CY) a) & asee reduces | reduct + cestul as - city co !!

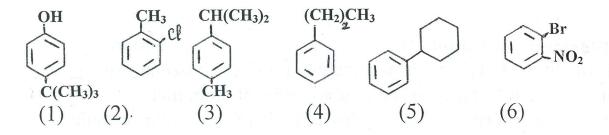
Mansoura University **Faculty of Science Chemistry Department Subject: Chemistry** Course(s): Organic Chemistry 236



Second Term 2nd level students Date: June 2014 Time Allowed: 2 hours Full Mark: 80 Marks

ANSWER ALL QUESTIONS

1. Read carefully the compounds (1)-(6), then answer the [27 Marks] questions:



- Give acceptable names of compounds (1),(2),(4) and (6) i)
- Diagram the synthesis of (4) and (5) ii)
- Account for the conversion of (3) to benzene iii)
- Show the reaction of (1) with $(CH_3)_2C=CH_2/H^+$ iv)
- Predict the products of the reaction of HNO₃/H₂SO₄ on V) (2): Cl_2/Fe on (3) and NBS/hy on (5)
- What is the effect of KMnO₄/OH, heat on (3) and (4) vi)
- The structure of sulfonation product of (6) is vii)
- 2. i) Predict the favoured product(s) of the reactions of [10 Marks]

-CH-CH=CH₂ with each of:

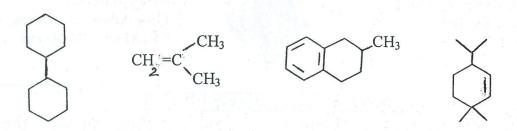
i) H₂SO₄/H₂O

- ii) Br₂/H₂O
- iii) KMnO₄, OH,H₂O,cold iv) O₃/CH₂Cl₂;Zn/AcOH

- v) NBS / hy
- ii) On chlorination of H_3C CH-CH it was found that the H_3C CH₃

reactivity ratio between 1°: 3° H-atoms is

- 1: 3.25 Calculate the percentage of each isomer [9 Marks]
- iii) Show the products of the reaction of NBS/hy with the [8 Marks] compounds below:



- 3. i) Write out the structures of: [9 Marks]
 - i) An alkene C₆H₁₂ gives one organic product on ozonalysis
 - ii) An alkyne C₅H₈ gives no reaction with sodium metal
 - iii) Two isomeric aromatic hydro carbons of molecular formula C_9H_{12} and on oxidation yield the same product B_r

ii)
$$CH_3$$
- CH_2 - CH_3 $\xrightarrow{Br_2/h\nu}$ CH_3 - CH_2 - CH_2 Br + CH_3 - CH - CH_3 2% 98%

Calculate the reactivity ratio between 1° and 2° H-atoms in this reaction [8 Marks]

iii) Diagram these conversions:

[9 Marks]

i)
$$C \equiv CH$$
 \rightarrow H_3C $CH-C \equiv C$

iii)
$$\longrightarrow$$
 \longrightarrow $-\text{CCl}_3$

Mansoura University Faculty of Science Zoology Department



المستوى (تذاك - محبوعة السوليمي . معتمة غمر وكان المعار في

Subject: Functional Morphology (Z 203) Date: 2/6/2014 Time: 2 hours

Final examination for 2nd level students, programes Chemistry/Zoology&Chemistry/Botany&Ecology&Microbiology

Answer all the following questions		
First question:	[20 Mark]	
a) Define each of the following terms:	[5 Mark]	
1- Expiratory reserve volume.		
2- Heart sound. 3- Vital capacity.		
4- Glycogenesis.		
5- Thrombus.		
b) Put (v) or (X), and correct the false sentences:	[8 Mark]	
1- Decrease of pH causes a right shift of O ₂ dissociation curve.		
2- Pepsinogen converts proteins into peptones and proteoses.		
3- Blood pressure is a minimum during diastole and maximum during s	ystole.	
4- Conversion of one mole of glucose into 2 moles of lactic acid require	es the presence of O ₂ .	
5- The atrioventricular node is a natural pacemaker of heart beat.		
6- Deficiency symptoms of vitamin B9 includes megaloblastic anemia.		
7- Low blood level of Pco ₂ causes activation of breathing centers in hur	man brain.	
8- Contraction of external intercostal muscle causes transverse expans	ion of thoracic cavity.	
c) Complete the following sentences:	[7 Mark]	
1- Digestion of fats requires and and		
2- The parietal pleura lines while the visceral pleura	covers	
3 permits the blood flow from right atrium to right ventricle. permits the blood flow from the left atrium to left ventricle.	permits the blood flow from right atrium to right ventricle, while permits the blood flow from the left atrium to left ventricle.	
4- Number of ATPs produced per complete oxidation of mole pyruvic a	acid equals	
5- Gastrin hormone stimulate production of which	is necessary for activation of	
6- Deficiency of vitamin K causes while deficiency of vitamin	n B ₁₂ causes	
7- Phosphorous serves as component of and and		

Second question: [20 Mark]

a) Write short notes on each of the following subjects: [10 Mark]

1- Oxidative deamination.

2- Diaphragm.

b) Compare between each of the following:

[10 Mark]

1- Different types of muscles.

2- Anterior and posterior lobes of pituitary gland.

Third question: [20 Mark]

a) Write on three only of these points (the first point should be one of them):

1- Hormones regulated the concentration of both sugar and calcium ion in the blood. [8 Mark]

2- Kidney functions. [6 Mark]

3- Neurotransmitter. [6 Mark]

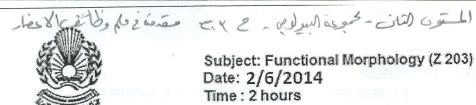
4- Actin and myosin filaments. [6 Mark]

مع تمنياتنا لكم بالتوفيق

د./ هناء سراج

د./ فريد عبد القادر

Mansoura University **Faculty of Science Zoology Department**



Subject: Functional Morphology (Z 203)

Date: 2/6/2014 Time: 2 hours

Final examination for 2 nd level students, programes Chemistry/Zoology&Chemistry/Botany&Ecology&Microbiology

Answer all the following questions	
First question:	[20 Mark]
a) Define each of the following terms:	[5 Mark]
1- Expiratory reserve volume.	
2- Heart sound. 3- Vital capacity.	
4- Glycogenesis.	
5- Thrombus.	
b) Put (v) or (X), and correct the false sentences:	[8 Mark]
1- Decrease of pH causes a right shift of O₂ dissociation curve.	
2- Pepsinogen converts proteins into peptones and proteoses.	
3- Blood pressure is a minimum during diastole and maximum during systo	ole.
4- Conversion of one mole of glucose into 2 moles of lactic acid requires th	e presence of O ₂ .
5- The atrioventricular node is a natural pacemaker of heart beat.	
6- Deficiency symptoms of vitamin B9 includes megaloblastic anemia.	
7- Low blood level of Pco2 causes activation of breathing centers in human	brain.
8- Contraction of external intercostal muscle causes transverse expansion	of thoracic cavity.
c) Complete the following sentences:	[7 Mark]
1- Digestion of fats requires and and	
2- The parietal pleura lines while the visceral pleura cover	ers
3 permits the blood flow from right atrium to right vent permits the blood flow from the left atrium to left ventricle.	ricle, while
4- Number of ATPs produced per complete oxidation of mole pyruvic acid	equals
5- Gastrin hormone stimulate production of which is r	necessary for activation of
6- Deficiency of vitamin K causes while deficiency of vitamin B_1	₂ causes

7- Phosphorous serves as component of and and

Second question:

a) Write short notes on each of the following subjects:

1- Oxidative deamination.

2- Diaphragm.

b) Compare between each of the following:

1- Different types of muscles.

2- Anterior and posterior lobes of pituitary gland.

Third question:

[20 Mark]

a) Write on three only of these points (the first point should be one of them):

1- Hormones regulated the concentration of both sugar and calcium ion in the blood. [8 Mark]
2- Kidney functions. [6 Mark]
3- Neurotransmitter. [6 Mark]

4- Actin and myosin filaments.

[6 Mark]

مع تمنياتنا لكم بالتوفيق

د./ هناء سراج

د./ فريد عبد القادر

(CE N) Toolshedon - und quellason (N 32)

Mansoura University Faculty of Science Botany Department El-Mansoura, Egypt



جامعة المنصورة كلية العلوم قسم النبات المنصورة - مصر

Subject: Botany

Final Examination in Botany for Second level Students, May 2014

Date: 9/6/2014

Course: General Microbiology

Program: Microbiology, Chemistry Time allowed: 2 hours

and Zoology, Chemistry and Botany

and Environmental Sciences.

Full Mark: 60

Code: B 204

Question Mark: 15

Answer the Following Questions:

Q1: A- Complete the missing word or words: (5 Mark)

- 1. The science of organisms that are invisible to the naked eye is termed as
- 2. Microorganisms that use energy from the oxidation or reduction of chemical compounds are known as.....
- 3. The main carbon source of the photoautotrophic microorganisms is.......
- 4. Microorganisms that harm their hosts are known as......
- 5. The organic component of soil, formed by the decomposition of organic material by soil microorganisms is known as.....

B- Chose the most correct answer: (7.5 Mark)

- 1- All the following diseases are caused by bacteria except:
- a. Typhoid fever
- b. Pneumonia
- c. Anthrax
- d. Small box
- 2- All the following organisms are heterotrophs except:
- a. Saccharomyces
- b. Rhizopus
- c. Bacillus
- d. Chlamydomonas
- 3- Nitrogen is essential macronutrient for microbes to buildup:
 - a. Fatty acids
- b. Nucleic acids
- c. ADP
- d. 5+ 6
- 4- All the following microorganisms are prokaryotic except:
 - a. Penicillium
- b. Oscillatoria
- c. Rhizopium
- d. Clostridium
- 5- Nutrient uptake through phagocytosis is a common biological process of:
 - a. Bacteria
- b. Fungi
- c. Microalgae
- d. Protozoa

C- Answer the following: (7.5 Mark)

- 1. Outline the major importance of microorganisms to the environment.
- 2. Mention only four methods of food preservation against microbes.
- 3. Discuss the importance of sulphur as essential macronutrient for microorganisms.

فضلا اقلب الورقة

Q2: A- Answer the following questions: (14 mark)

- 1- Discuss using labeled diagram the complete steps of binary fission in bacteria.
- 2- Explain in details the relation of bacteria to free oxygen and its effects on their growth.
- 3- How many phases are in the growth curve of unicellular microorganisms? Discuss the major events in these phases.

B- Compare and contrast between: (6 mark)

- 1- Psychrotrophs and psychrophiles.
- 2- Neutrophiles and acidophiles.
- 3- Batch cultures and continuous cultures.

Q3: a- Define each of the following: (6 mark)

- 1- Antisepsis.
- 2- Biocides.

3- Thermal death point.

- b-Rational (give the reasons): (7 mark)
- 1- It is not good for patients to abuse antibiotics.
- 2- Mothers should not use microwave baby bottles.
 - c-Compare between each of the following: (7 mark)
- a- Autoclaving and pasteurization.
- b- Ionizing and non-ionizing radiation.

Examiners:

Prof. Dr. Anwar T. Mankarious

Dr. Ghada S. Abou-ElWafa

(C12 m) aas leggerson - ordered as of citilosi !!

Mansoura University Faculty of Science **Botany Department** El-Mansoura, Egypt



جامعة المنصورة كلية العلوم قسم النبات المنصورة - مصر

Subject: Botany

Final Examination in Botany for Second

Date: 9/6/2014

level Students, May 2014

Course: General Microbiology

Program: Microbiology, Chemistry Time allowed: 2 hours

and Zoology, Chemistry and Botany

and Environmental Sciences.

Code: B 204 Ouestion Mark: 15 Full Mark: 60

Answer the Following Questions:

Q1: A- Complete the missing word or words: (5 Mark)

- 1. The science of organisms that are invisible to the naked eye is termed as
- 2. Microorganisms that use energy from the oxidation or reduction of chemical compounds are known as.....
- 3. The main carbon source of the photoautotrophic microorganisms is.......
- 4. Microorganisms that harm their hosts are known as......
- 5. The organic component of soil, formed by the decomposition of organic material by soil microorganisms is known as.....

B- Chose the most correct answer: (7.5 Mark)

- 1- All the following diseases are caused by bacteria except:
 - a. Typhoid fever
- b. Pneumonia
- c. Anthrax
- d. Small box
- 2- All the following organisms are heterotrophs except:
- a. Saccharomyces
- b. Rhizopus
- c. Bacillus
- d. Chlamydomonas
- 3- Nitrogen is essential macronutrient for microbes to buildup:
 - a. Fatty acids
- b. Nucleic acids
- c. ADP
- d.b+ c
- 4- All the following microorganisms are prokaryotic except:
 - a. Penicillium
- b. Oscillatoria
- c. Rhizopium
- d. Clostridium
- 5- Nutrient uptake through phagocytosis is a common biological process of:
 - a. Bacteria
- b. Fungi
- c. Microalgae
- d. Protozoa

C- Answer the following: (7.5 Mark)

- 1. Outline the major importance of microorganisms to the environment.
- 2. Mention only four methods of food preservation against microbes.
- 3. Discuss the importance of sulphur essential macronutrient for 28 microorganisms.

فضلا اقلب الورقة

Q2: A- Answer the following questions: (14 mark)

- 1- Discuss using labeled diagram the complete steps of binary fission in bacteria.
- 2- Explain in details the relation of bacteria to free oxygen and its effects on their growth.
- 3- How many phases are in the growth curve of unicellular microorganisms?

 Discuss the major events in these phases.

B- Compare and contrast between: (6 mark)

- 1- Psychrotrophs and psychrophiles.
- 2- Neutrophiles and acidophiles.
- 3- Batch cultures and continuous cultures.

Q3: a- Define each of the following: (6 mark)

- 1- Antisepsis.
- 2- Biocides.

3- Thermal death point.

- b-Rational (give the reasons): (7 mark)
- 1- It is not good for patients to abuse antibiotics.
- 2- Mothers should not use microwave baby bottles.
 - c-Compare between each of the following: (7 mark)
- a- Autoclaving and pasteurization.
- b- Ionizing and non-ionizing radiation.

Examiners:

Prof. Dr. Fatma F. Megahed

Dr. Huda M. Soliman

benes and of the ble to complete by selfal

Mansoura University Faculty of Science **Botany Department** El-Mansoura, Egypt

3- Maturation drying



جامعة المنصورة كلية العلوم قسم النبات المنصورة - مصر

Final Examination in Botany Second Term: May 2014

Students: 2nd Level: Chemistry/Botany& Microbiology &

Ecological Sciences & Chemistry/Zoology

Time: 2 hours.

Course: : Cytogenetics and physiology of growth and development (B 203)

Date: 05/6/2014

Full n	nark: 60	Question mark: 20	
	Answer The Fol	lowing Questions:	
Q1:	A- Fill in the spaces using suitable words or phrases: (10 marks)		
	1- Cytokinesis is the division of the	· · · · · · · · · · · · · · · · · · ·	
	2- The ends of the chromosomes are called		
	B- Compare between each two of the focase: (10 marks)	ollowing and explain an example for every	
	1- Euploidy and Aneuploidy	glanda (a	
	2- Autopolyploidy and Allopolyploid	ly	
		· · · · · · · · · · · · · · · · · · ·	
Q2:	A- Answer the following using instructions between brackets: (10 marks)		
	1- Cry of the cat disease	(Discuss)	
	2- Dicentric bridge and acentric chromosome. (Draw)3- Unbalanced gene dosage leads to developmental abnormalties (Discuss & Draw)		
	B- 1-Define the following:	(2 marks)	
	a- Micropyle	b- Viviparous	
	2- Classify seeds according to seed covering. (2 marks) 3- Differentiate between epigeal and hypogeal germination [position of cotyledons –		
	embryonic stem elongation- type of seeds which it occur in] (3 marks) 4- Match the phase from column A with the event occur in it from column B		
	(3 marks)		
	A	В	
	Phase - Stage	Event	
	1- Post germination phase	a- Zygote formation	
	2 Call differentiation	h- Radicla alongation	

c- Formation of LEA proteins

Mansoura University Faculty of Science Botany Department El-Mansoura, Egypt



جامعة المنصورة كلية العلوم قسم النبات المنصورة - مصر

Final Examination in Botany Second Term: May 2014

Q3: A- Define each of the following: (10 marks)

- 1- Differentiation
- 2- Phases of growth
- 3-Pollination
- 4- Annual plants
- 5- Growth curve

B- Answer the following questions: (10 marks)

- a- Define seed dormancy and write on how to treat physical and mechanical dormancies?
- b- From what you have studied, (1) write what you know about plant growth promoters and (2) give an account on one of them.
- c- Write on what happens when a chilling-resistant plant is exposed to cold stress.
- d- Differentiate between constitutive and inducible resistance mechanisms in plants.
- e- What is the role of secondary metabolism as a response of plants to biotic stress?

Examiners: Prof. Magda Soliman

Dr. Linda Samaan

Dr. Ashraf Abdel Montaleb

Dr. Amany Kazamel Dr. Hel

Dr. Heba Abdel-Aziz Dr. Bardees Mickky

Mansoura University Faculty of Science **Botany Department** El-Mansoura, Egypt



جامعة المنصورة كلية العلوم قسم النبات المنصورة - مصر

Final Examination in Botany Second Term: May 2014

Students: 2nd Level : Chemistry/Botany& Microbiology & Ecological Sciences & Chemistry/Zoology

3- Maturation drying

Time: 2 hours.

Full mark: 60

Course: : Cytogenetics and physiology of growth and development (B 203)

Date: 05/6/2014 Question mark: 20

	Answer The Following Questions:			
Q1:	A- Fill in the spaces using suitable words or phrases: (10 marks) 1- Cytokinesis is the division of the			
	2- The ends of the chromosomes are called			
	3- In cell cycle, the interphase stage divided into three parts : and			
	4- Polytene chromosomes are special types of			
	5- According to the positions of centromere, the chromosomes are classified into			
	and			
	B- Compare between each two of the foll case: (10 marks) 1- Euploidy and Aneuploidy 2- Autopolyploidy and Allopolyploidy			
Q2:	: A- Answer the following using instructions between brackets: (10 marks)			
	1- Cry of the cat disease	(Discuss)		
	2- Dicentric bridge and acentric chromosom	e. (Draw)		
	3- Unbalanced gene dosage leads to developmental abnormalties (Discuss & Draw)			
	B- 1-Define the following:	(2 marks)		
	a- Micropyle 2- Classify seeds according to seed covering. (2 marks) 3- Differentiate between epigeal and hypogeal germination [position of cotyledons – embryonic stem elongation-type of seeds which it occur in] (3 marks) 4- Match the phase from column A with the event occur in it from column B			
	(3 marks)			
	A	В		
	Phase - Stage	Event		
	1- Post germination phase	a- Zygote formation		
	2- Cell differentiation	b- Radicle elongation		

c- Formation of LEA proteins

Mansoura University Faculty of Science Botany Department El-Mansoura, Egypt



جامعة المنصورة كلية العلوم قسم النبات المنصورة - مصر

Final Examination in Botany Second Term: May 2014

Q3: A- Define each of the following: (10 marks)

- 1- Differentiation
- 2- Phases of growth
- 3-Pollination
- 4- Annual plants
- 5- Growth curve

B- Answer the following questions: (10 marks)

- a- Define seed dormancy and write on how to treat physical and mechanical dormancies?
- b- From what you have studied, (1) write what you know about plant growth promoters and (2) give an account on one of them.
- c- Write on what happens when a chilling-resistant plant is exposed to cold stress.
- d- Differentiate between constitutive and inducible resistance mechanisms in plants.
- e- What is the role of secondary metabolism as a response of plants to biotic stress?

Examiners: Prof. Magda Soliman Dr. Linda Samaan Dr. Ashraf Abdel Montaleb

Dr. Amany Kazamel Dr. Heba Abdel-Aziz Dr. Bardees Mickky

(CI) air Chipty - deplace - des - dilloge 1)

دور مايو ۲۰۱۶ الزمن: ساعتـــان التاريخ: ۲۰۱۶/۲/۱۲



كلية العلوم - قسم الرياضيات

الفرقة: الثانيــــــــــة الشعب: كيمياء كيمياء كيمياء حيوية كيمياء نبات – كيمياء حيوان علوم بيئة جيولوجيا المادة: ر ٢٠١ رياضيات بحتة

أجب على الأسئلة الآتية:

$$(x,y) \to (0,0)$$
 درجات $(x,y) \to (0,0)$ درجا

مع التمنيات بالتوفيق ﴿

(c) / Jest Line - Les (1) Jest Line (1) Jest Line (1)

دور مایو ۲۰۱۶ التاريخ: ٢ / ٦/١٢ ٢ . ٢



كلية العلوم - قسم الرياضيات

الفرقة: الثاني الشعب: كيمياء - كيمياء حيوية -كيمياء/ نبات -كيمياء/حيوان-علوم بيئة-جيولوجيا

المادة: ر ٢٠١ - رياضيات بحتة

أجب على الأسئلة الآتية:

$$\cdot(x,y) \to (0,0)$$
 وذلك عندما $f(x,y) = \frac{2xy}{x^2 + y^2}$ وذلك عندما المتكررة و النهاية العامة للدالة العامة للدالة العامة الدالة العامة العا

[۱۰ درجات]

$$y' = \frac{x + y - 4}{x + y + 4}$$
 , $y(2) = 0$: ب. حل مسألة الشرط الابتدائي

$$x \frac{\partial z}{\partial x} + y \frac{\partial z}{\partial y} = 4 \cot z$$
 : فاثبت أن $z = \sec^{-1} \left(\frac{x^5 + y^5}{x - y} \right)$ درجات [2]. إذا كانت

ب. إذا كانت z = f(x+3y) + g(x-3y) دوال قابلة للاشتقاق مرتين على الأقل

$$z = f(x+3y) + g(x-3y)$$

$$\mathbf{z}_{\mathrm{yy}} = \mathbf{9} \; \mathbf{z}_{\mathrm{xx}}$$
 : نا

نم (
$$\cos 2y - 3x^2y^2$$
) $dx + (\cos 2y - 2x\sin 2y - 2x^3y)$ أ. أوجد الحل العام للمعادلة التفاضلية :

[۱۰ درجات]

y(3) = 0 : استنتج الحل الخاص الذي يحقق الشرط

$$I = \int\limits_0^4 \int\limits_{x/2}^{2} \cos(y^2) dy dx$$
 : احسب قیمة التکامل : ب. احسب قیمة التکامل

$$(2xy^5 - y)dx + 2xdy = 0$$

 $(2xy^5 - y)dx + 2xdy = 0$: اوجد الحل العام للمعادلة التفاضلية :

$$\int (2x + 4xy) dx + (2x^2 + y) dy$$
 :ب. اثبت أن قيمة التكامل الخطي:

لا تعتمد على المسار الواصل بين النقطتين (1,1) ، (2,4) ، ثم احسب قيمته على الخط الواصل بين النقطتين. [۱۰ درجات]

مع التمنيات بالتوفيق إ