ABCDEFGHIJKLMNOPQRSTUVWXYZ

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

كلية العلوم

القسم : الرياضيات

السنة : الثانية

اسئلة دورات محلولة

تخصية١

A 2 Z LIBRARY

Facebook Group : A to Z مكتبة

كلية العلوم (فيزياء ، كيمياء ، رياضيات ،علم الحياة)

بمكنكم طلب المحاضرات برسالة نصية (SMS) أو عبر(What's app)على الرقم TEL: 0931497960

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Tartous University
 Faculty of Science
 Department of Mathematics

Specialism English ((1))

Second term
Second year
(2023-2024)

I-Complete the following sentences by filling the gaps with suitable words :   *(20 marks)*

1-Read the tables on the axes or any marking or .... on the axes .

2- Describe the shapes of the various .... of the graph .

3- The typesof .... And graphs are so varied that these few pages cannot help specifically in every case .

4- Specify any points of............. (breaks the graph) and any cusps(sharp points on the graph).

II-Write how you read these following mathematical symbols in English :   *(20 marks)*

5-   (P , θ , ∅)

6- $y = \dfrac{1}{x^2}$

III-Define the following physical terms :   *(20 marks)*

7- Algebra .

8- Decimals .

IV-Decide if these sentences are true (T) or false (F) :   *(20 marks)*

9- An important subcategory of the diagram is the graph , particularly in mathematics.

10-Having certain key feature of a graph described facilitates the listener's understanding of whatever the graph is depicting .

11-The horizontal line in general is known as the y − axis and the vertical line as the X - axis .

12-The point where the axes meet is the origin .

V-Translate the following sentences into Arabic :   *(20 marks)*

13-Read the caption for it may contain a very good description of the diagram itself .

14-Describe the point of inflection , i . e , the point on the graph at which the graph changes concavity .

GOOD LUCK

Examiner

Dean

Ghania Al-Hassan

Dr.Hassan Suleiman

سلم تصحيح مادة اللغة الانكليزية التخصصية((١))
الدرجة : ١٠٠

- القسم الأول:الأسئلة (١-٢-٣-٤)　　٢٠ درجة　　(٥ درجات لكل فراغ)

1- scale　　2- portions　3- diagrams　4- discontinuity

- القسم الثاني : الأسئلة (٥-٦)　　٢٠ درجة　　(١٠ درجات لكل سؤال)

5-　　rho , theta , fi in spherical coordinate system in space .

6-　　y equals the fraction one over X squared .

- القسم الثالث : الأسئلة (٧-٨)　　٢٠ درجة　　(١٠درجات لكل سؤال)

7- Algebra : is a kind of arithmetic where we use unknown quantities along with numbers .
These unknown quantities are represented by letters of English alphabet such as X , Y , A , B.
symbols.
8- Decimals : are one of types of numbers , which has a whole number and fractional part
separated by decimal point . The dot present between the whole number and fraction part
is called the decimal number .

- القسم الرابع : الأسئلة (٩-١٠-١١-١٢)　　٢٠ درجة　　(٥ درجات لكل سؤال)

9- true　　10- true　　11- false　　12- true

- القسم الخامس :الأسئلة (١٣-١٤)　　٢٠ درجة　　(١٠ درجات لكل سؤال)

١٣ - إقرأ التعليق(العنوان) لأنه قد يحتوي على وصف جيد جدا" للمخطط نفسه ٠

١٤ –قم بوصف نقطة الإلتواء (الإنثناء) ، أي النقطة على الرسم البياني التي يتغير عندها الرسم البياني للتقعر ٠

مُدَرِّسة المقرر
غانية إبراهيم الحسن

Tartous University
Faculty of Science
Department of Mathematics

Specialism English ((1))
Second year
First term(2023-2024)

I-Complete the following sentences by filling the gaps with suitable words :   (20 marks)

1-Describe the .... of the graph on which line one half of the graph is the mirror image of the other .

2- Specify any points of .... (breaks the graph) and any cusps (sharp points on the graph) .

3-Read the .... on the axes and any marking or scale on the axes .

4-The types of .... and graphs are so varied that these few pages cannot help specifically in every case .

II-Write, how do you read these following mathematical symbols in English ?   (20 marks)

5- (p , θ , ϕ) .

6- $$ = \begin{cases} \frac{1}{2} , & x < -5 \\ 1 , & -5 \leq x < 1 \\ 1 , & x \geq 1 \end{cases} $$

III-Define the following mathematical terms :   (20 marks)

7- Geometry .8- Decimals.

IV-Decide if these sentences are true (T) or false (F) :   (20 marks)

9- The he horizontal line in general is known as the y- axis and the vertical line as the x— axis .

10-If there is a scale marked on the axes , for the horizontal axis it increases from right to left .

11- For the vertical axis it increases from down to up .

12- The point where the axes meet is the origin .

V-Translate the following passage into Arabic :   (20 marks)

13- Describe the point of inflection , i.e. , the point on the graph at which the graph changes concavity .

14- The axes divide the plane into four quadrants : the upper right is the first , upper left is the second , lower left is the third , and lower right is the fourth .

GOOD LUCK

Dean

Examiner

Dr.Hassan Suleiman

Ghania AL-Hassan

سلم تصحيح مادة اللغة الانكليزية التخصصية (١)
الدرجة : ١٠٠

- القسم الأول: الأسئلة(١-٢-٣-٤) ٢٠ درجة (٥درجات لكل فراغ)

1- symmetry.   2- discontinuity.   3- labels   4- diagrams.

- القسم الثاني : الأسئلة (٥-٦) ٢٠ درجة (١٠درجات لكل سؤال)

5 – rho , theta , fi in a spherical coordinate system in space .

6 – y equals one half when x is less than minus five , y equals one , when minus five
is less than or equal to x less than one , and y equals minus one , when x is greater
than or equal to one.

- القسم الثالث : الأسئلة (٧ - ٨) ٢٠ درجة (١٠ درجات لكل سؤال)

7 – Geometry : is the most practical branch of mathematics that deals with shapes and sizes
of figures . The basic elements of geometry are points , lines , angles , surfaces and solids .

8- Decimals : are one of the types of numbers , which has a whole number and fractional part
separated by decimal point . The dot present between the whole number and fractions part
is called the decimal number.

- القسم الرابع : الأسئلة (٩-١٠-١١-١٢) ٢٠ درجة (٥درجات لكل سؤال)

9 – false   10 – false   11 – true   12 –true

- القسم الخامس : الأسئلة (١٣-١٤) ٢٠ درجة (١٠ درجات لكل سؤال)

على الرسم البياني

١٣ – قم بوصف نقطة الإلتواء (الإنشاء) ، أي النقطة التي يتغير عندها الرسم البياني للتقعر .

١٤- تقسم المحاور المستوي إلى أربعة أرباع و إن الجزء العلوي الأيمن هو الأول و أعلى اليسار هو الثاني
وأسفل اليسار هو الثالث وأسفل اليمين هو الرابع .

===

مُدرّسة المقرر

غانية إبراهيم الحسن

Tartous University

Faculty of science

Maths Department

جامعة طرطوس

كلية العلوم

قسم الرياضيات

لغة تخصصية ١ ـ السنة الثانية ـ امتحان الفصل الثاني /2022-2023/

I. **Choose the best answer** : **(25 marks)**

1. (Algebra /Arithmetic) is the oldest branch of mathematics.
2. (Square / Cube) is a number multiplied by itself 3 times.
3. (Natural numbers /Whole numbers) include zero.
4. 15.5 is a (fraction / decimal) number.
5. (Arithmetic / Geometry) deals with shapes and sizes of figures.

II. **make the following sentences as required** : **(10 marks)**

1. Edison invented a lot of things. (passive)
2. The scientist works on a project.(passive)

III. **Complete these following sentences (25marks)**

1. Numbers which end with 1,3,5,7 are.............. numbers.
2. Every natural number is a ....
3. The basic elements of .... are points, lines and angles.
4. A number multiplied by itself is .... number.
5. The product of a negative number and a positive number is ....

IV. **Convert the fraction to the decimal(20 marks)**

1. 60 × 1/100 = ...
2. 19÷2 = ...
3. 144 ÷ 100 = ...
4. 4 × 1/100 = ...

V. **Find the (G.C.D)of 12 and 36 (20 marks)**

Good Luck

Examiner: Doha Salloum

I. 25 marks (5m. for each choice)
    1. Arithmetic
    2. cube
    3. Whole Numbers
    4. decimal
    5. Geometry

II. 10 marks (5m. for each answer)
    1. A lot of things were invented by Edison.
    2. A project is worked on by the scientist

III. 25 marks (5m. for each one)
    1. Odd
    2. Whole Number
    3. Geometry
    4. Square
    5. Negative

IV. 20 marks (5 m. for each sum)
    1. 0.6
    2. 9.5
    3. 1.44
    4. 0.04

V. 20 marks

12 = (1 ,2, 3 , 4, 6 , 12)

24 = (1 ,2, 3 , 4 ,6, 8 , 12 , 24)

Common factors (1,2,3,4,6,12)

The G.C.D = 12

Examiner : Doha Salloum

Tartous University

Faculty of science

Maths Department

جامعة طرطوس

كلية العلوم

قسم الرياضيات

لغة تخصصية 1 ــ السنة الثانية۔ امتحان الفصل الأول /2022-2023/

I. **Choose the best answer** : **(25 marks)**

1. (Algebra /Arithmetic) is the oldest branch of mathematics.
2. (Division /Multiplication) is the repeated addition of numbers.
3. (Natural numbers /Whole numbers) don't include zero.
4. 34.5 is a (fraction / decimal) number.
5. (Arithmetic / Geometry) deals with shapes and sizes of figures.

II. **make the following sentences as required** : **(10 marks)**

1. Many people invented a lot of things. (passive)
2. The scientist works on a new project.(passive)

III. **Complete these following sentences (25marks)**

1. Numbers which end with 0,2,4,6 are.............. numbers.
2. Every natural number is a ....
3. The basic elements of .... are points, lines and angles.
4. A number multiplied by itself 3 times is .... number.
5. The product of two negative numbers is ....

IV. **Convert the fraction to the decimal(20 marks)**

1. $63 \times 1/1000 =$ ....
2. $17 \div 2 =$ ....
3. $159 \div 10 =$ ....
4. $4 \times 1/100 =$ ....

V. **Find the (G.C.D)of 12 and 36 (20 marks)**

Good Luck

Examiner: Doha Salloum

I.   25 marks (5m. for each choice)

    1. Arithmetic

    2. Multiplication

    3. Natural Numbers

    4. decimal

    5. Geometry

II.   10 marks (5m. for each answer)

    1. A lot of things were invented by many people

    2. A new project is worked on by the scientist

III.   25 marks (5m. for each one)

    1. Even

    2. Whole Number

    3. Geometry

    4. Cube

    5. Positive

IV.   20 marks (5 m. for each sum)

    1. 0.063

    2. 8.5

    3. 15.9

    4. 0.04

V.   20 marks

Factors of 12 = (1 ,2, 3 , 4,6 , 12)

Factors of 36 = (1, 2 , 3 , 4, 6 , 9 , 12 , 18 , 36)

The common factors (1, 2, 3 , 4 , 6 , 12)

The G.C.D = 12

Examiner : Doha Salloum