Tartous University

Faculty of science

Maths Department

جامعة طرطوس

كلية العلوم

قسم الرياضيات

لغة تخصصية ٢ ـــ السنة الثانية ـ امتحان الفصل الثاني /2022-2023/

I. **Decide if these sentences true or false** : (15 marks)

1. Diameter is the distance from the center point to the edge of the circle .

2. Co-prime numbers are a set of numbers which have common factors .

3. Zero isn't in the Natural group.

II. **make the following sentences as required** : (20 marks)

1. the scientist tests many experiments. (passive)

2. Edison invented a lot of things in the past.(passive)

3. Sam : I travel with my friends.(Reported Speech)

4. Deema : I am hanging out with my cousins.(Reported Speech)

III. **Complete these following sentences (20 marks)**

1. A /An .... Number is any number that can be divided by 2.

2. A .... number can be divided evenly only by 1 or itself.

3. .... numbers are set of positive integers.

4. .... Signifies repeated addition.

IV. **Find the solution(20 marks)**

1. 5 % of 80 = ...

2. 25% of 40 = ...

3. 163 ÷ 100 = ...

4. 4 × 1/100 = ...

V. **Find the (H.C.F)of 24 and 27 (25 marks)**

Good Luck

Examiner: Doha Salloum

I.   15 marks (5m. for each)
      1. false
      2. false
      3. true

II.   20 marks (5m. for each answer)
      1. Many experiments are tested by the scientist
      2. A lot of things were invented by Edison in the past
      3. Sam said that he travelled with his friends.
      4. Deema said that she was hanging out with her cousins.

III. 20 marks (5m. for each one)
      1. Even
      2. Prime
      3. Natural
      4. Multiplication

IV.   20 marks (5 m. for each sum)
      1. 4
      2. 10
      3. 1.63
      4. 0.04

V.   25 marks (5 m. for each step)
      24 = (1 ,2, 3 , 4, 6, 8 , 12, 24)
      27 = (1 , 3 , 9 , 27)
      Common factors (1,3)
      H.C.F : (3)
      They are not co-prime

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