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**Abstract:** Please write down your abstract here or delete and type. (9 points, Bookman Old, below 250 words, A4 (21.0 cm x 29.7 cm), the abstract should summarize your paper, do not make references nor display equations in abstract)

**Keywords**: (9, about five keywords in alphabetical order, separated by comma)

**Introduction**

Paper must be formatted according to this template. (9 points, the introduction should explain the nature of the problem including previous work and purpose, delete and type). This document is a template for Microsoft word doc, docx versions and MUST be written by Bookman Old

**Headings (9, bold)**

The headings and subheadings from introduction to Acknowledgement must be in 9 points, bold face, aligned left, don’t underline any words in your paper, subheadings are numbered with 1, 2, 3 etc, delete and type).

**Conclusion**

A conclusion must include advantages, limitations, and applications and don’t repeat the abstract, delete and type)

**Arabic section:**

(9 points, delete and type, you must translate in Arabic language the following: title, authors’ names, abstract, keywords)

**Abbreviations and Acronyms**

Appear after Arabic section, you MUST define in full name all your abbreviations at the first time used, even if you have already used it in abstract. Do not abbreviation in title, do not use space between the abbreviations such as C. D. S., but use CDS.

**Appendix**

Appear before acknowledgment section if needed.

**Acknowledgment**

Appear after appendix, you MUST define in full name all your abbreviations at the first

**References**

(8 points, no space, all references MUST be as the following information and use it as guide, all the references are numbered 1, 2, 3 etc., the reference is referred in the text by a number in square bracket like [1], multiple references are [1], [2] and [1-3], DO NOT use alphabetically).

**Journal paper:**

[1] Girija, S. S., Zelalem, Y. D., (2012), Isatins As Privileged Molecules in Design and Synthesis of Spiro-Fused Cyclic Frameworks., Chem. Rev., **112**, 6104-6155. DOI:

**Proceeding Papers:**

[2] M. Ali, An Approach to New Methodology Forms (Unpublished work)

**Basic format for books:**

[3] M. Young, The Technical Writers Handbook. Mill Valley CA: University Science, 1989, pp. 102-103.

**Basic format for online books:**

[4] J. Jones, (1991, May 10). Network, (2nd ed.) [online]. Available at: www.atm.com

**Basic format for Reports:**

[5] WHO, Quality Assurance in diagnostic Radiology; World Health Organization, Geneva. 1982

**Theses:**

[5] M. Omar, Modelling design, doctoral diss, Sebha University, Libya 2017

**Figures and Tables**

**A. Figures:** (Fig. is used when referring to a figure in the text,9 points, bold face, figures must be number with 1, 2, 3, etc, figure captions appear below and centered the figure, a high quality of product, diagram and lettering must be ensure and made it by computer drafted). See the example below (2.23x2.91)

4000.0

3000

2000

1500

1000

400.0

28.0

30

32

34

36

38

40

42

44

46

48

50

52

53.2

cm-1

Egy

3308

3138

3083

3018

2926

2861

1646

1610

1553

1495

1472

1448

1416

1369

1312

1261

1243

1213

1150

1110

1050

899

875

824

747

688

662

605

578

550

496

449

# Fig. 3: Title of figure

**B. Tables:** (Table is used,9 points, bold face, tables must be number with 1, 2, 3, etc, table captions appear above and centered the table, Table is capitalized in the text as Table (1)). No abbreviation should be used here. Use the below example.

**Table 1:**Titel of the table.

|  |  |
| --- | --- |
| Parameters | weight loss |
| Parameter 1 | 4.77 |
| Parameter 2 | - |

**Math**

There is no punctuation following the equations and referred in the text as equation 3, all equations are numbered 1, 2, 3, etc., you can use mathtype software to type your equations, <http://www.mathtype.com>)

**Units**

Use either SI (MKS) or CGS as primary units. Avoid combining between units.

**Some common mistake**

Use a zero before decimal points such as 0.12 not .12, use “s” for seconds, use k for temperature, use significant figures for all your data, use the expressing range of values like 9 to 12 or 9-12 not 9~12.

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1. Paragraph –line spacing 1.5

2. Alignment: justified

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4. Font: Bookman Old, 9 points

-Title:

1. Size 12, bookman, bold face

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-Authors:

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7. text: 9 points, justified, line spacing-single

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9. tables:

10. References: use square brackets [3], multiple references use [1-3] or [1], [5], write the page number for book citation, DONOT use ref or reference in text (write Ali et. al, 2017) [6].

11. Copyright form: an JOPAS copyright form MUST accompany your final submission.