



موضوعات بحثية (على الطالب اختيار موضوع واحد فقط)

Note:

- Choose one topic only.
- Name of student, student ID number, course code, course title, supervisor name should be written in Arabic.
- Each topic should have title (one sentence), introduction (one page), main topic (3-5 pages), conclusion and references.
- You are encouraged to use figure(s) or diagram(s) to explain your ideas.
- Use scientific sources (e.g) manuscripts, scientific home pages, scientific books, university books, reports from international organization or Ministries)

Topics:

- 1) General characters of prokaryotic algae and write in details using of *Spirulina* sp. in cancer treatment.
- 2) General characters of Cyanophyta (blue green algae - Cyanobacteria). Role of Cyanobacteria in agriculture.
- 3) General characters of Cyanophyta (blue green algae - Cyanobacteria). Role of Cyanobacteria in wastewater treatment.
- 4) General characters of Chlorophyta. Role of *Chlorella* sp. in energy production.
- 5) General characters of Algae. Role of Algae in biodiesel production.
- 6) General characters of Algae. Role of algae in PDT (photodynamic therapy).
- 7) General characters of Rhodophyta. Role of red algae in food industries.
- 8) General characters of diatoms, asexual reproduction. Role of diatoms in bionanotechnology and drug delivery.
- 9) Give information about microalgae and possible applications in medical uses.
- 10) Give information about seaweeds. Different applications of seaweeds.