**Bir Zeit University**

**Faculty Of Pharmacy and Nursing and health professions**

**SEMINAR IN NURSING RESEARCH AND EVIDENCE-BASED PRACTICE**

**NURS334**

**The effects of pregnancy on academic performance for pregnant students in universities.**

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# Abstract

The objective of this study is to find out how pregnant female students perform at universities. Do they perform badly or do they perform well according to university standards? Another aim of this research is to find out whether these students perform any differently from each other depending on their situation (if they have any support system if they have fewer credits taken in this semester). Our research question is as follows: Does pregnancy influence the academic life of female students at universities in Palestine?. This research will be conducted using quantitative methods and the data collection will be via questionnaire. Participants will be recruited online. Our participants will be from pregnant female students roughly be about 50-70 participants are from four different universities ( Beirzeit university based in Ramallah, Bethlehem university based in Bethlehem, Jerusalem – Abu Dis- university based in Jerusalem, and  Alquds Open University) and the data from these participants will be collected in two weeks. Data will be analyzed using the statistical package for the social sciences SPSS the latest version

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# Introduction

   Pregnancy to humans is to bear a fetus or an embryo in the woman's womb for nine months, roughly about 38-40 weeks (Davis,2021). It is an important phase through the female life and it needs attention and support physically and emotionally. This period in the female’s life is very difficult as it is. The physiological changes that occur in the woman’s body vary from one woman to another. For example, some women could suffer from morning sickness which occurs in the first trimester(Pillitter[i](https://www.google.com/search?rlz=1C1SQJL_enPS924PS924&sxsrf=AOaemvLk7-XRURUQNOGoab75TpUP7CU-mw:1637232231284&q=Adele+Pillitteri&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEzONTUwNTdIU-LSz9U3MK1MyirK0pLJTrbST8rPz9YvL8osKUnNiy_PL8q2SiwtycgvWsQq4JiSmpOqEJCZkwOSLcrcwcoIAL-YD-hRAAAA&sa=X&ved=2ahUKEwjfhbus3aH0AhXVQkEAHUZtAAoQmxMoAXoECBQQAw),1992). In the second trimester, some women start to gain extra weight(Pillitter[i](https://www.google.com/search?rlz=1C1SQJL_enPS924PS924&sxsrf=AOaemvLk7-XRURUQNOGoab75TpUP7CU-mw:1637232231284&q=Adele+Pillitteri&stick=H4sIAAAAAAAAAOPgE-LVT9c3NEzONTUwNTdIU-LSz9U3MK1MyirK0pLJTrbST8rPz9YvL8osKUnNiy_PL8q2SiwtycgvWsQq4JiSmpOqEJCZkwOSLcrcwcoIAL-YD-hRAAAA&sa=X&ved=2ahUKEwjfhbus3aH0AhXVQkEAHUZtAAoQmxMoAXoECBQQAw),1992). In general, these changes could make the day-to-day life tasks somewhat challenging, most women could go on with their lives with these challenges, but for some, it might be hard. We picked this research subject, as the number of pregnant female students is rising in our university. We noticed that these students might have some struggling with their studies without special care for them, as pregnancy is a stressor on females. We wanted to see how pregnancy would influence the academic performance of female college students. This research question states as follows “ does pregnancy influence the academic performance of pregnant female students at universities in Palestine?. The purpose of this study is to identify what challenges do female students go up against in universities while being pregnant and whether these challenges make the academic life of pregnant female students more troubling and do they get any special treatment from the educational institutions. Another aim of this research is to suggest an appropriate solution to help the pregnant go through this phase without much trouble. We hypothesis the following statements :

1- The higher the academic level of pregnant female students the less the academic performance.

2- Absence from lectures and exams is associated with the presence of maternal illness.

3- The higher the number of antenatal care visits the lower the academic performance.

4-         Students with advanced gestational age would study less by themselves.

# Background and significance

Other researchers found that most pregnant female students in different universities struggle to keep up to standard academic performance(Khothasane, Makhene &Matlala, 2019). These studies found what most of these students struggle with is financial problems in college, problems with attending classes and lectures, some universities even forbid pregnant students from taking classes while being pregnant, other face universities with much psychosocial stress that overwhelms them(Asare & Esia-Donkoh, 2014). We hope when we finish this study we will be able to identify the problems that pregnant females face in Palestine specifically as most studies are done in different locations which might have different environments that would affect the challenges and change them, we also hope to know if we could make it any better on them.

## Literature review

The articles that have been reviewed were a mix of quantitative and qualitative methods. These studies explored the relationship between pregnancy and other stressors in academic life. These studies were conducted in various universities in Africa and other places. These studies were conducted in the last ten years. Most importantly these studies included various amounts of participants, some stressors in these studies were economical status, psychological stress, social status, classes stress, college policy, and even the pregnancy itself. These studies showed that these stressors affect directly and indirectly the academic performance of pregnant students. According to (Gabgo F 2018) female students struggled with financial and physiological issues. According to (Asare H 2014) female students faced stigma, hormonal challenges, and socioeconomic struggles. All these studies roam around the same issues and challenges.

Other pieces of literature were read to look at the scientific aspect of pregnancy, such as maternal and child health nursing by Pillitteri A. this book introduced us to the definitions of pregnancy, changes in the female body during pregnancy, and other concepts regarding pregnancy.

# Operational/Conceptual framework

| Independent Variable | Operational | Conceptual |
| --- | --- | --- |
| Pregnancy | A stage where a female is bearing a child in her womb from week 1 till she gives birth. | It’s the state of carrying and developing an embryo or fetus within the female body (Davis,2021) |
| Gestational age | Duration of pregnancy in weeks. | Is the common way to measure how far along a pregnancy is, and it’s measured in weeks from the last day of the last menstrual period (Hersh,2018). |
| Parity | Number of previous pregnancies that ended with giving birth to the fetus no matter he was alive or not. | The number of times that the woman has given birth to a fetus with GA of 24 weeks or more, regardless of whether it was alive or stillborn (Tidy,2019) |
| Residency | Place and state of living “college dorm, dependent dorm, with a partner, with family, alone. | The state of living in a particular place (Oxford dictionary). |
| Obstetric history | History of having any health issues regarding this current pregnancy or during a previous one. | Asking questions about the patient’s current and previous pregnancies (Potter,2021) |
| Antenatal care visits | Frequency of visits that the pregnant student attend to the doctor or clinic to check up on herself and her baby. | the routine health control of presumed healthy pregnant women without symptoms (screening), to diagnose diseases or complicating obstetric conditions without symptoms, and to provide information about lifestyle, pregnancy, and delivery (Beke & Sand, 2019 |
| Support system | Close people to support her like family, friends, partner. | A group of people who provide an individual with practical or emotional support (Oxford dictionary). |

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| Dependent Variables | Operational | Conceptual |
| --- | --- | --- |
| Academic Performance. | The GPA and the grades in classes, exams, assignments. | The knowledge gained is assessed by marks by a teacher and educational goals set by students and teachers to be achieved over a specific time (Narad & Abdullah, 2016). |
| Credit hour Taken. | The number of courses the participants take in the semester. | College credits measure the number of applied hours that are recognized for the successful completion of a particular course of study(Kots,2020) |
| Practical training. | The practical part of the study is done in workspaces “hospitals, companies, banks, schools &, etc…). | The practical aspects of something involve real situations and events, rather than just ideas and theories, Training is the process of learning the skills that you [need](https://www.collinsdictionary.com/dictionary/english/need) for a particular [job](https://www.collinsdictionary.com/dictionary/english/job) or activity       (Collins Dictionary). |
| Class Attendance. | The commitment of participants to attend all of their classes. | a measure of the number of students who attend school and the amount of time they are present (Collins Dictionary). |
| Self-study | The number of hours that the participants spend studying on their own at home for their classes. | A way of learning about a subject that involves studying alone at home, rather than in a classroom with a teacher (Cambridge dictionary). |

# Aim/objectives/hypothesis/research questions

**Research Title**

The effects of pregnancy on academic performance for pregnant students in universities.

**Research question**

Does pregnancy influence the academic life of female students at universities in Palestine?

**Research Hypothesis**

1- The higher the academic level of pregnant female students the less the academic performance.

2- Absence from lectures and exams is associated with the presence of maternal illness.

3- The higher the number of antenatal care visits the lower the academic performance.

4-         Students with advanced gestational age would study less by themselves.

**objectives/ Aims**

our objective is to identify how well or badly do pregnant students perform in their academic life, specifically knowing what challenges do they face and how bad is it and if there is any special treatment, they get during this period.

# Methods

## Design

In this research, the research team agreed upon using the quantitative method. A great deal on why the research team picked this method since this study was conducted online and face to face on pregnant female students, and they were picked from four different universities as mentioned before, is to save time, money, and effort.

## Population and sample

Pregnant female students at universities in Palestine, in this study this sample is nonprobability convenient. This population was collected from four main universities, Birzeit university based in Ramallah, Bethlehem university based in Bethlehem, Jerusalem (Abu Dis) university based in Jerusalem, and Alquds open university. The sample for this study was collected online via Facebook groups and other social network appsand face to face for those who we were able meet. This population included about 75 participants, although this sample might be small in size and it is because the Palestinian society is somewhat conservative, and people usually do not get married at college age. However, there is a small portion of students who get married at this young age and they might get pregnant. All pregnant female students wereincluded, from all majors and specialties. No pregnant students were excluded to help add to the sample size.

## Settings

This study was conducted in Palestinian universities only, in four major universities in Palestine, Birzeit university based in Ramallah, Bethlehem university based in Bethlehem, Jerusalem Abu-Dis university based in Jerusalem, Alquds open university based in Ramallah. This study was conducted online and face to face to collect the data from the participants in those universities

## Instrument/tool of data collection

## Variables

| Independent variables | Dependent variables |
| --- | --- |
| Pregnancy | Academic performance |
| Gestational age | Credits taken |
| Support system | Clinical training |
| Parity | Class attendance |
| Residency | Self-studying |
| Specialty |  |
| Age |  |
| Academic level |  |
| Obstetric history |  |
| Antenatal care visits |  |
| Admission year |  |

## Procedure/fieldwork/administrative part

The data was collected as mentioned before from four universities, Birzeit universities, Bethlehem university, Alquds open university, Abu-dis Jerusalem university. After getting the approval from the committee in IRB, during the first 3 weeks of the second semester expected in February, we will start finding participants online and planning to meet them in their university. Data collection will take place in March and might take 2 to 3 weeks. All group members will work in data collection in Birzeit University and Al-Quds open university, however, Dania and Lana will go to Bethlehem university whereas other group members including Adnan, Jehan, and Rafat will be going to Jerusalem university. The data collection process from the four universities should be finished at the end of March. In April, we will start analyzing the data and discuss the results. In May, the research paper should be ready and finally presenting the research to the committee.

## Ethical considerations

### *Consent form*

Five group members from Bir Zeit university specializing in nursing, our names are as follows: Adnan Abu Arqoub, Jihan Bargouthi, Rafat Switey, Dania Qassass, and Lana Alkhateeb. This research is being conducted for graduation purposes, and to view the effect of pregnancy on academic performance for pregnant female students in universities. In this study, all participants will be protected, as the data collected will not be addressed to anyone, no names or anything that reflect personal identity will be shown in the data. Questionnaires collected will be safe with the research group in a safe place in their houses; the data will only be used for scientific reasons.

## Data analysis plan

Using SPSS's latest version, our variables will be measured, and analyzed, to explore the relationship between them. This research wants to explore the relationship between pregnancy and academic performance and other variables such as Gestational age, economical status, residency, academic level, antenatal care visits, and others.

## Dissemination plan

Our research results and discussion will be proposed on a poster at the faculty building for the nursing doctors and teachers, as well as a selected amount of family members. All of the group members will present and discuss a selected topic on that day.

## Role of the research team

All the research team will work together, no sections or work will be divided, from collecting the data and analyzing it, to finalizing the research paper.

In this proposal, most of the work was done as a group, except for the literature review it was done by Adnan + Jehan, References were done by Adnan.

All other sections in this proposal were made and written by the group as a collective.

## Budget

| Item | Price Range |
| --- | --- |
| Transportation (2-way trip) | -from Ramallah to abu-dis 25 shekels pr indiviual meaning 75 shekels a day for 3 people (Adnan, Jihan, Rafat)  -from Ramallah to bethlehem 42 shekels pr indiviual meaning 84 shekels a day for 2 persons (Dania, Lana)  -Depending on how many days we need, expectedly 2-3 days it will cost 318 or 477 shekels |
| Poster | 80-100 shekels |
| 50-60 Questionnaires | 80-100 shekels |

## Appendices

### *Questionnaire*

After look at , Gbagbo, F. Etuah, P. Nkrumah, J. (2018) & Esia-Donkoh, K. (Kobina) (2014) The group formulated a questionnaior consisted of 33 questions that measuere the variables, this questionnaire was reviewd by the group members and the group supervisor Dr. Sahar hasan.

### *Time table for research implementation*

| Task | March | April | May | Team members |
| --- | --- | --- | --- | --- |
| Planning implementaion | 21st-24th |  |  | Adnan & Jehan |
| Revising Questionnaire &Finilizing | 23rd-29th |  |  | Dania + Lana |
| Hunting for participants | 29th | 6th |  | Online Hunting Via facebook groups and other |
| Collecing Data & Questionnaire | 30th | 14th |  | Jihan (Birzeit Uni) Dania + Lana (Bethlahem)  Rafat + Adnan ( AbuDis) Jehan + Adnan + Rafat (alquds open uni) |
| Data Entry & Data cleaning |  | 11th-22nd |  | Adnan + Jehan + Lana |
| Data Analysis |  | 22nd | 7th | Rafat+ Dania +Lana |
| Tables formation and result |  |  | 8st -20th | Adnan + jehan + dania |
| Writing results & Writing disscuion against litreture Conculsion & Recommendations |  |  | 20th- 24st | Adnan + Jehan + dania + Lana+ Rafat |
| Finalizing research report & submission for feedback |  |  | 25th- 26th | Adnan + lana + Rafat |
| Modifications from feedack |  |  | 27th -28th | Adnan |
| Final report submission |  |  | 30th |  |
| Preparing for dissemination |  |  | 31st | All team members |

*The Group CV’s*

| Researcher | About |
| --- | --- |
| Adnan Abu Arqoub | A 22-year-old nursing student at Bir Zeit Universite, who Graduated from Access in Amideast back in 2015, has 4 honors in BZU, is a guy with passion, excitement, and hope for life, communication skills, computer skills, leadership skills, works well under pressure and with teamwork, takes responsibility  Speaks three languages: Arabic (mother tongue), English, Hebrew   head president of the nursing club for its period 2021-2022  Contact info: 0559849888, Email: [Adoosh.123.85@gmail.com](mailto:Adoosh.123.85@gmail.com) |
| Lana Alkhateeb | A 21-year-old nursing student at Bir Zeit University, Speaks two languages: Arabic and English,  Contact info: 0569520157, Email: [lana.khatib284@gmail.com](mailto:lana.khatib284@gmail.com) |
| Jihan Barghouthi | A 23-years-old nursing student at Birzeit University, good with communication and computer skills, works well in teamwork. speaks two languages: Arabic, English, and a little bit of Russian.  Contact info: 0594029251, Email: [Jehan.barghouthi@gmail.com](mailto:Jehan.barghouthi@gmail.com) |
| Rafat Sweity | A 23-year-old nursing student at Bir Zeit University, Representative of the student council at the university  Speaks Arabic and English  Contact info: 0594154170 Email: [Rafatsweity@gmail.com](mailto:Rafatsweity@gmail.com). |
| Dania Qassass | A 21-year-old nursing student at Bir Zeit University, photography enthusiastic  Speaks Arabic and English  Contact info: 0569590157 Email: [Dania.qassas@gmail.com](mailto:Dania.qassas@gmail.com). |

## Consent form

* نحن خمس طلاب من جامعة بيرزيت من تخصص التمريض في سنتنا الدراسية الرابعة واسمائنا : عدنان ابو عرقوب، جيهان برغوثي، دانيا القصاص، لانا الخطيب، رافت سويطي.
* نقوم بهذا المشروع بغاية التخرج، بعنوان تاثير الحمل على الاداء الاكاديمي للطالبات في الجامعات الفلسطينيه.
* باجابتك لهذه الاستبيانة سيتطيع فريق البحث من إيجاد الصعوبات التي تواجها الحوامل خلال فترة الدراسة الجامعية، ستتيح الفرصه لغيرك من الطالبات الحوامل بإيجاد حلول لهذه الصعوبات.
* ستكون مشاركتك في هذا البحث طوعية بلا مقابل.
* سيكون استخدام المعلومات اللتي توفريها فقط علمي، ولن تشارك مع اي شخص خارج ايطار البحث.
* سيتم المحافظه على معلوماتك بشكل سري وبشكل مجهول.
* يحق للمشارك بالتوقف عن الاجابة عن اي سؤال حينما يشاء
* لاي استفسار عن اي سؤال يمكنكم التواصل مع فريق البحث
* ستكون مده الاجابة عن الاسئلة من 5-6 دقائق
* هل توافقين على المشاركة في البحث.

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جامعة بيرزيت

**تأثير الحمل على الأداء الأكاديمي للطالبات الحوامل في الجامعات الفلسطينية**

عزيزتي القارئة:  
نحن طلاب كلية التمريض في جامعة بيرزيت طلاب سنة رابعة "عدنان أبو عرقوب ، جهان برغوثي ، رافت سويطي ، دانيا قصاص ، لانا الخطيب" نقوم بعمل بحث بعنوان " **تأثير الحمل على الأداء الأكاديمي للطالبات الحوامل في الجامعات الفلسطينية** " بهدف إتمام متطلبات التخرج من الجامعة، نطلب من حضرتك تعبئه الاستبيان حول البحث والاجابة على جميع الأسئلة. علما بأنه:

* سيتم مراعاة سرية إجابة كل شخص وعدم إفصاح اي معلومة تتعلق بشخصيته والاستكفاء بالاستفادة من النتائج للجانب الإحصائي والبحثي فقط .
* ونؤكد بان الإجابات التي يقدمها المشترك لن تتم مشاركتها مع المؤسسة التي ينتمي/تنتمي إليها، وانه سوف تعامل البيانات بسرية تامة، ولن يطلع عليها سوى الباحثين .
* نؤكد ان مشاركتك في الدراسة هي مشاركة طوعية، لن يتم تعويضكي إي مبلغ مادي من اجل مشاركتك .
* لك حق الانسحاب من هذه الدراسة في أي وقت تشاء/ي دون إبداء أسباب ولن يقع عليك/ي أي عواقب سلبية، وأنه لن يتم ممارسة أي ضغوطات عليكي من أجل استكمال الدراسة، وسنحافظ على سرية الإجابات التي قدمتها.
* مدة الاجابة على الاستبيان هي 5 دقائق

في حال يوجد لديك اي استفسارات خلال الإجابة على الاستبيان تستطيع توجيه السؤال الى اي عضو من الباحثين المتواجدين.

نشكر لك موافقتك على المشاركة في هذه الدراسة، **أوافق لا أوافق**

1. **العمر**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **الجامعة**:

أ) جامعة بيرزيت

ب) جامعة بيت لحم

ج) جامعة القدس (أبو ديس)

د) جامعة القدس المفتوحة

1. **السكن:**
2. مع الزوج
3. سكن جامعي
4. مع العائلة
5. **مصدر الدخل (إمكانك اختيار أكثر من إجابة):**  
   ا) العمل الذاتي  
   ب) الزوج  
   ج) من الأهل  
   د) غيرها
6. **هل تعملين**:

ا) نعم

ب) لا   
إذا كانت اجابتك بنعم فما هي وظيفتك:

1. **كم يستغرق (بالدقائق) لك للوصول الى الجامعة**:

ا) اقل من 10 دقائق

ب) 11 دقائق – 30 دقيقة

ج) 31 دقيقة – 60 دقيقة

د) ساعة – ساعتين

هـ) اكثر من ساعتين

1. **اذ كان لديك أطفال فما عددهم**: \_\_\_\_\_\_\_\_\_\_\_\_
2. **سنة التحاقك في الجامعة**: \_\_\_\_\_\_\_\_\_\_\_\_
3. **مستوى الدراسة الجامعية** :
4. سنة أولى
5. سنة ثانية
6. سنة ثالثة
7. سنة رابعة
8. غيرها \_\_\_\_\_\_\_\_\_\_\_\_
9. **التخصص الدراسي**:
10. تخصص هندسي ( هندسة حاسوب ، تخطيط ـ هندسة ميكانيك ، هندسة كهرباء ، الخ)
11. تخصص صحي (طب ، تمريض ، صيدلي ، نطق وسمع ، تغذية ، الخ)
12. تخصص ادبي (الأداب ، فلسفة ، علم اجتماع ، التربية ، اللغات ، الخ)
13. تخصص حقوق (محاماه ، قانون دولي ، الخ)
14. تخصص اعمال \ تجارة (اقتصاد ، محاسبة ، إدارة عمال ، الخ)
15. تخصص فني (موسيقى ،تصميم ، الخ)
16. غير ذلك : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**معلومات عن الحمل**

1. **هل تعانين من أي امراض مزمنة ليست لها علاقة بالحمل**:
2. نعم
3. لا  
   إذا كانت اجابتك بنعم اذكري هذه الأمراض: \_\_\_\_\_\_\_\_\_\_\_\_
4. **الحمل هذا هو:**  أ) الأول

ب) الثاني

ج) الثالث

د) الرابع

هـ) غيره : \_\_\_\_\_\_\_\_\_\_\_\_

13. **عمر الحمل الحالي بالاشهر هو:** \_\_\_\_\_\_\_\_\_\_\_\_

14. **هل تعانين من مشاكل مرضية في هذا الحمل (مثل تسمم الدم، سكري الحمل، او غيرها):**

1. نعم
2. لا

إذا كانت إجابتك بنعم اذكري هذه الأمراض: \_\_\_\_\_\_\_\_\_\_\_\_

15. **هل عانيت من مشاكل صحية في الاحمال السابقة لها علاقة في الحمل (مثل تسمم الدم، سكري الحمل، او غيرها):**

1. نعم
2. لا

إذا كانت إجابتك بنعم اذكري هذه الأمراض: \_\_\_\_\_\_\_\_\_\_\_\_

1. **هل تعانين من أي أعراض (غير مريحة) خلال هذا الحمل (مثل الغثيان، تقيؤ، ارهاق، فقدان شهية، أو غيرها):**
2. نعم
3. لا

إذا كانت اجابتك بنعم، اذكري هذه الأعراض: \_\_\_\_\_\_\_\_\_\_\_\_

17. **هل تذهبين الى عيادات متابعة الحمل**:

1. نعم
2. لا
3. **كم عدد الزيارات التي ذهبتي اليها حتى الان** : \_\_\_\_\_\_\_\_\_\_\_\_
4. **عدد الساعات المعتمدة التي تدرسينها (المسجلة) في الفصل الحالي**: \_\_\_\_\_\_\_\_\_\_\_\_
5. **هل تتضمن دراستك أي تدريب ميداني**:
6. نعم
7. لا

إذا كانت اجابتك بنعم اجيبي عن سؤال 21+ 22

1. **مكان التدريب** : \_\_\_\_\_\_\_\_\_\_\_\_
2. **نوع التدريب العملي** :
3. مكتبي
4. ميداني
5. مصانع \ شركات
6. مؤسسات صحية
7. غير ذلك : \_\_\_\_\_\_\_\_\_\_\_\_
8. **هل لاحظتي تغير في أدائك الأكاديمي خلال فترة الحمل لهذا الفصل**:
9. نعم
10. لا
11. أحيانا
12. **هل ازداد عدد غياباتك في المساقات خلال الحمل لهذا الفصل**:
13. نعم
14. لا
15. **خلال فترة الحمل عدد الساعات الدراسية اليومية**:
16. ازدادت
17. قلت
18. لم تتأثر
19. **هل تاخرت عن تسليم أي واجبات دراسية هذا الفصل** :
20. نعم
21. لا
22. **هل تغيبت عن أي امتحانات لهذا الفصل** :
23. نعم
24. لا
25. **هل سحبت فصل خلال فترة الحمل:**
26. نعم
27. لا
28. **هل أجلت فصل بسبب الحمل:**
29. نعم
30. لا
31. **هل تشعرين أن الكادر التدريسي والزملاء متعاونين معك بسبب الحمل**:
32. نعم
33. لا

اذا كانت اجابتك ب (لا) اجيبي عن السؤال 31

1. **ما هي أوجه التعاون المتوقع من الكادر التدريسي والزملاء: (بامكانك اختيار اكثر من جواب)**
2. اعتبار الغياب بسبب الحمل بعذر
3. إعطاء فرصة لاعادة الامتحانات
4. إعطاء وقت إضافي لتسليم الواجبات اليومية
5. مرونة في اختيار مكان التدريب العملي
6. غيره : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. **برأيك ما هي الأمور التي زادت صعوبة الحياة الجامعية عليك خلال فترة الحمل**: **: (بامكانك اختيار اكثر من جواب)**
8. صعوبة الحركة للتنقل بين المحاضرات
9. استخدام الحمام المتكرر
10. الحمامات المتوفرة في الحرم الجامعي غير نظيفة
11. قلة\ انعدام فترات الراحة خلال النهار
12. اعراض الحمل الغير مريحه (غثيان، تقيؤ، وغيرها )
13. غيرها : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14. **برأيك ما هي الأمور التي يجب على الجامعات توفيرها للطالبات لتسهيل عليهن فترة الحمل** **اثناء الدراسة : (بامكانك اختيار اكثر من جواب)**
15. حمامات نظيفة
16. عيادات طبية لمتابعة الحمل (داخل الحرم الجامعي تابعة لعيادة الجامعة)
17. مرونة في تغيير الشعب
18. اولويه في التسجيل
19. عدم الانتظار وإعطاء الأولوية في دوائر الجامعة (الكفاتيريات ، التسجيل ، المالية ، الخ)
20. مرونة في دفع قسط الجامعة (تقسيط)
21. غيرها: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_