



Appendix

**Report of Courses' Evaluation
Survey for Courses Offered in
Medical Physics Program in
Abdeia Campus**

[First Semester, 1438 – 1439 H]

Plan 33

Executive Summary

Student Opinion Surveys are an important tool for students to provide anonymous feedback at the end of a course about their instructors, course content, and their overall course experience. Moreover, student feedback enables students to comment formally on their experiences of courses attended, and to provide useful information to instructors and coordinators for planning and delivery of future courses. Feedback from students is compiled at the end of each semester and various reports are created.

In this report, eight courses were surveyed (62% of all medical physics courses offered in the first semester, 2017 – 2018) for plan 33 (Abdeia Campus). A visual summary of the survey results follows, each part is followed by a table and chart indicating the response frequencies for each part in the survey as well as the question mean where appropriate.

Most of the respondents, in the courses that surveyed, were satisfied and mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

The feedback of the courses surveys revealed that as the program is an applied one, there is a need for more workshop and field training in addition to increase the practical part especially in some theoretical courses such as laser in medicine, health physics and physics of radiation effects courses. Moreover, respondents commented on the need to increase credit hours of some courses since the content of these courses were not reasonable with their credit hours. However, there was a stratification overall the courses, the lack of resources and technology affect to some extent on the improvement of their communication skills.

Research Method

Medical physics students were invited to participate in an online survey about evaluation survey of courses of medical physics program offered in the first semester (1438 – 1439H). The survey was active for about two weeks, from 4/4/1439H to 23/4/1439H.

The survey included 33 questions. Most respondents took between 15 to 20 minutes to complete. Survey questions were divided into three sections:

- ***Questions about the start of the course*** about the outline of the course, clarity of assessment methods, and availability of learning resources
- ***Questions about what happened during the course*** about the course tasks, the instructor, the resources, computing facilities, marks distribution and satisfaction of course materials and credit hours
- ***Evaluation of the Course*** about working effectively in groups, and career skills communication improvement.
- ***Overall Evaluation questions*** to indicate the degree of satisfaction of respondents about the course and the suggestion for improvement.

Survey respondents rated the importance of applicant data using a five-point scale, ranging from 1 = strongly disagree to 5 = strongly agree. They also responded to 3 open ended questions and provided write-in responses via text boxes. Refer to *Appendix A* for a copy of the survey.

Analysis of Some Courses' Survey

Course Title: Laser in Medicine

Course Code: 403381

Instructor: Dr/ Hosam Ibrahim

Survey data were analyzed by computing means, standard deviations, percentages, and counts of survey participants who selected a given response. Additionally, writing responses were reviewed and summarized.

However, the students taken this survey was 20 in total, only 17 of them (85%) responded to the survey. 5.8 % of respondents were in level 2, 5.9% were in level 4, 76.5% were in level 5, and 11.8% were in level 7. The percent of students participated in this survey for each level is represented in the graph below:

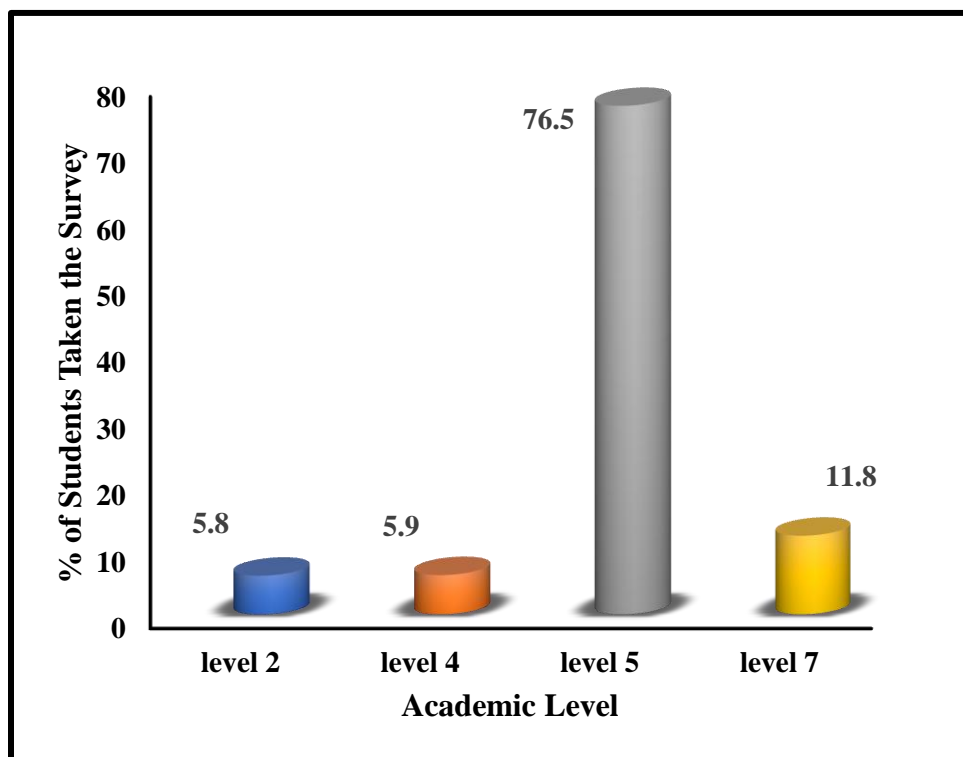


Fig.1: The percent of students participated in the radiation protection course evaluation survey for each academic level.

Part 1:

In course evaluation survey, part 1 contains 3 questions about “the start of the course”. The results are stated below:

Part 1: Questions about the start of the course:						
Q. No.	Question 1		Question 2		Question 3	
	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents
Strongly agree	10	58.8	8	47.1	8	47.1
Agree	5	29.4	9	52.9	7	41.2
neutral	2	11.8	0	0	2	11.8
Disagree	0	0	0	0	0	0
Strongly Disagree	0	0	0	0	0	0
Total	17	100	17	100	17	100

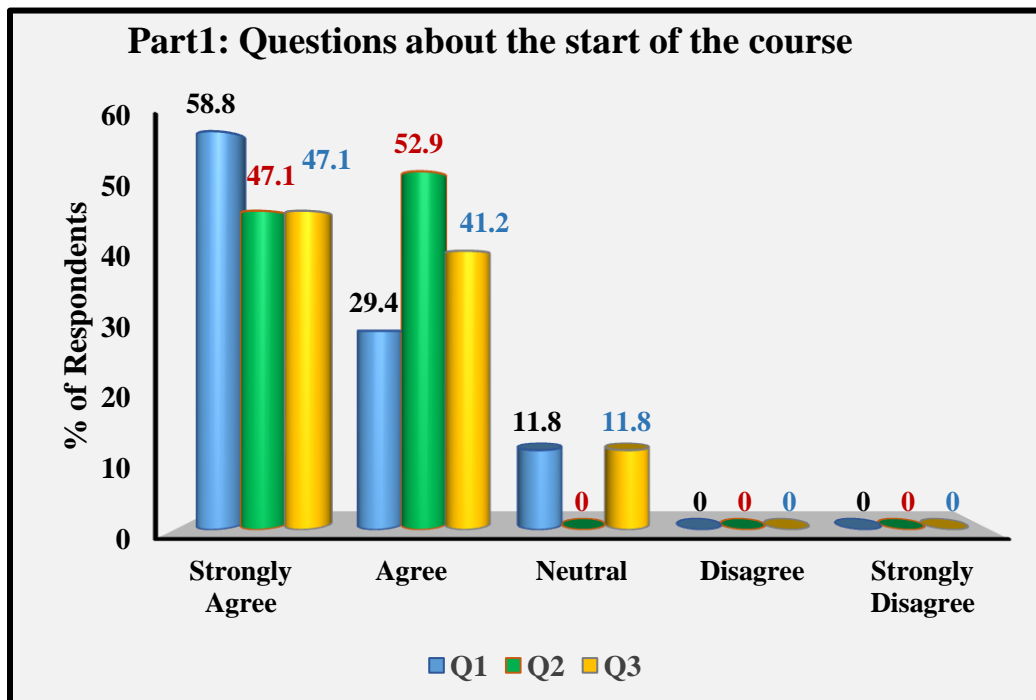


Fig.2: The percent of respondents for each question in Part 1: Questions about the Start of the Course.

The course surveyed by a total of 17 students (85 % of students started the course this semester). The results of part 1 (Questions about the Start of the Course)) showed that 100% students responded to the questions of this part. Overall, 90 % of responses were “Agree” and favorable toward satisfaction, 10% of responses were “Neutral”, 0% of responses were “Disagree”, and 0% had no responses.

Questions 2 yielded largest number of “Agree” responses with 100 % of respondents agreeing about the clarity of and assessment tasks of the course and tasks required for success.

Part 2:

In course evaluation survey, part 2 contains 16 questions about “What Happened during the Course”. The results are stated below:

Part 2: Questions about what happened during the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q4	% of respondents	52.9	29.4	17.6	0	0	100
	Number of respondents	9	5	3	0	0	17
Q5	% of respondents	64.7	35.3	0	0	0	100
	Number of respondents	11	6	0	0	0	17
Q6	% of respondents	76.5	11.8	11.8	0	0	100
	Number of respondents	13	2	2	0	0	17
Q7	% of respondents	64.7	23.5	5.9	0	0	100
	Number of respondents	11	4	1	0	0	17
Q8	% of respondents	58.8	23.5	17.6	5.9	0	100
	Number of respondents	9	4	3	1	0	17
Q9	% of respondents	70.6	11.8	5.8	11.8	0	100
	Number of respondents	12	2	1	2	0	17

	respondents						
Q10	% of respondents	58.8	11.8	29.4	0	0	100
	Number respondents of	10	2	5	0	0	17
Q11	% of respondents	64.7	11.8	17.6	5.9	0	100
	Number respondents of	11	2	3	1	0	17
Q12	% of respondents	58.8	29.4	11.8	0	0	100
	Number respondents of	10	5	2	0	0	8
Q13	% of respondents	35.3	29.4	35.3	0	0	100
	Number respondents of	6	5	6	0	0	17
Q14	% of respondents	35.3	41.2	11.8	11.8	0	100
	Number respondents of	6	7	2	2	0	17
Q15	% of respondents	35.3	29.4	17.6	17.6	0	100
	Number respondents of	6	5	3	3	0	17
Q16	% of respondents	52.9	23.5	11.8	11.8	0	100
	Number respondents of	9	4	2	2	0	17
Q17	% of respondents	70.6	11.8	11.8	5.8	0	100
	Number respondents of	12	2	2	1		17
Q18	% of respondents	70.6	23.5	0	0	5.9	100
	Number respondents of	12	4	0	0	1	17
Q19	% of respondents	52.9	35.3	11.8	0	0	100
	Number respondents of	9	6	2	0	0	17

The course surveyed a total of 17 students (85 % of students started the course this semester). The results of part 2 (Questions about What Happened during the Course) showed that 100 % students responded to the questions of this part. Overall, 82 % of

responses were “Agree” and favorable toward satisfaction, 13.6 % of responses were “Neutral”, 4.4 % of responses were “Disagree”, and 0% had no responses.

Question 5 yielded largest number of “Agree” responses with 100 % of respondents agreeing that they were satisfied with the instructor was fully committed to the delivery of the course.

Questions 6,7,12,17,18 and 19 yielded largest number of “Agree” responses with 88 % of respondents agreeing that they were satisfied with the instructor’s knowledge, caring of the students’ progress and his availability during office hours, in addition to the availability of the use of technology which improved their skills and the assessment methods and the grades’ distribution. Moreover, the clarity of the link between the course and other courses of the program.

The largest number of “Disagree” responses corresponds to Question 15. Almost 17.6 % of respondents disagreed with the statements indicating that adequate activities they did to improve their skills.

Part 3:

In course evaluation survey, part 3 contains 5 questions about “Evaluation of the Course”. The results are stated below:

Part 3: Evaluation of the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q20	% of respondents	70.6	29.4	0	0	0	100
	Number respondents of	12	5	0	0	0	8
Q21	% of respondents	47.1	29.4	17.6	0	5.9	100
	Number respondents of	8	5	3	0	1	8
Q22	% of respondents	52.9	11.8	17.6	17.6	0	100
	Number respondents of	9	2	3	3	0	8
Q23	% of respondents	41.2	23.5	23.5	11.8	0	100
	Number respondents of	7	4	4	2	0	8

Q24	% of respondents	52.9	35.3	11.8	0	0	100
	Number of respondents	9	6	2	0	0	8

The course surveyed a total of 17 students (85 % of students started the course this semester). The results of part 3 (Evaluation of the Course) showed that 100 % students responded to the questions of this part. Overall, 78 % of responses were “Agree” and favorable toward satisfaction, 14 % of responses were “Neutral”, 6 % of responses were “Disagree”, and 0% had no responses.

Questions 24 yielded largest number of “Agree” responses with 88 % of respondents were satisfied with the quality of the course.

The largest number of “Disagree” responses corresponds to Question 22. Almost 17.6 % of respondents disagreed with the statements indicating that adequate activities they did to improve their skills as member of a team.

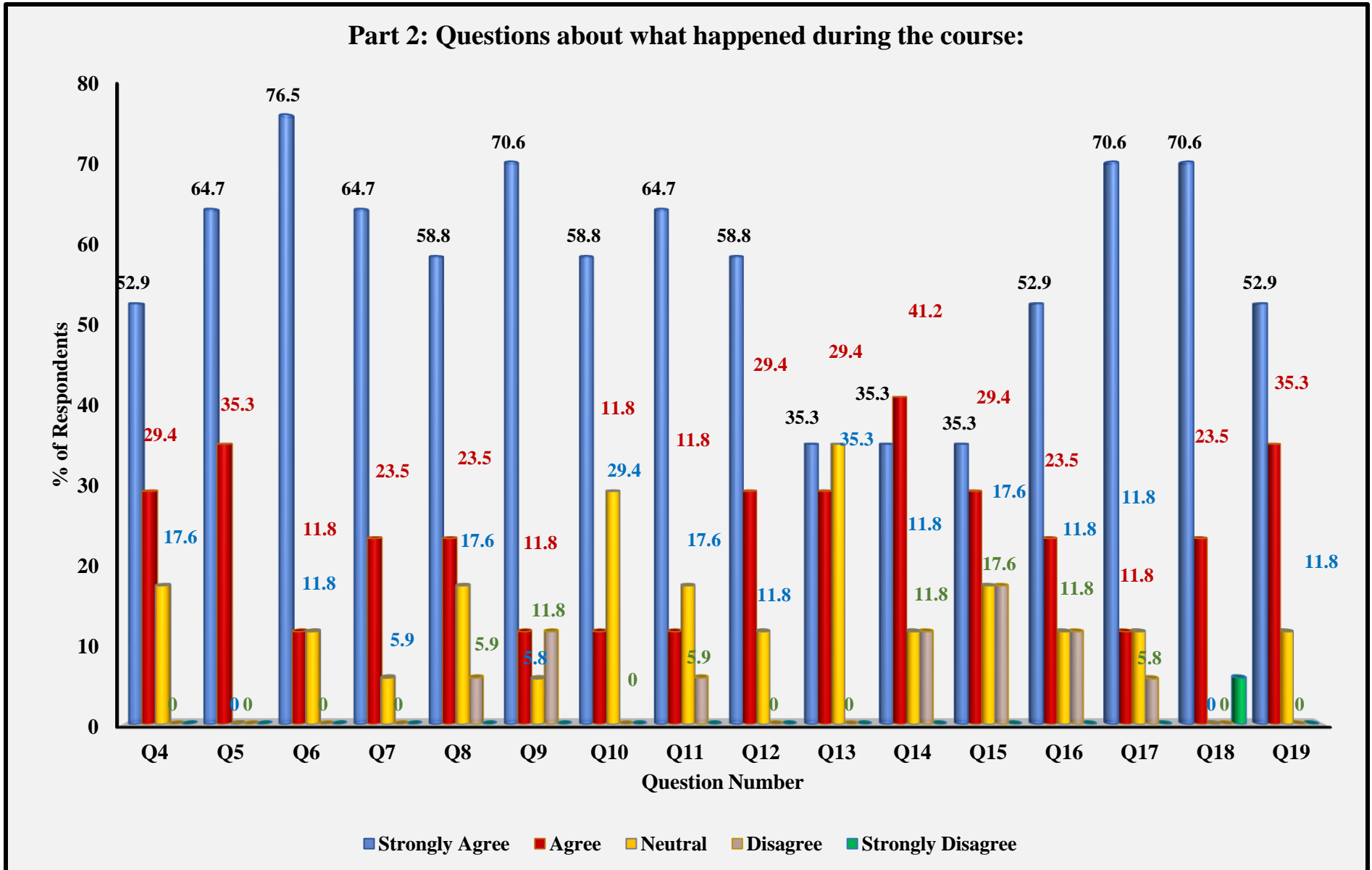


Fig.3: The percent of respondents for each question in Part 2: Questions about What Happened during the Course.

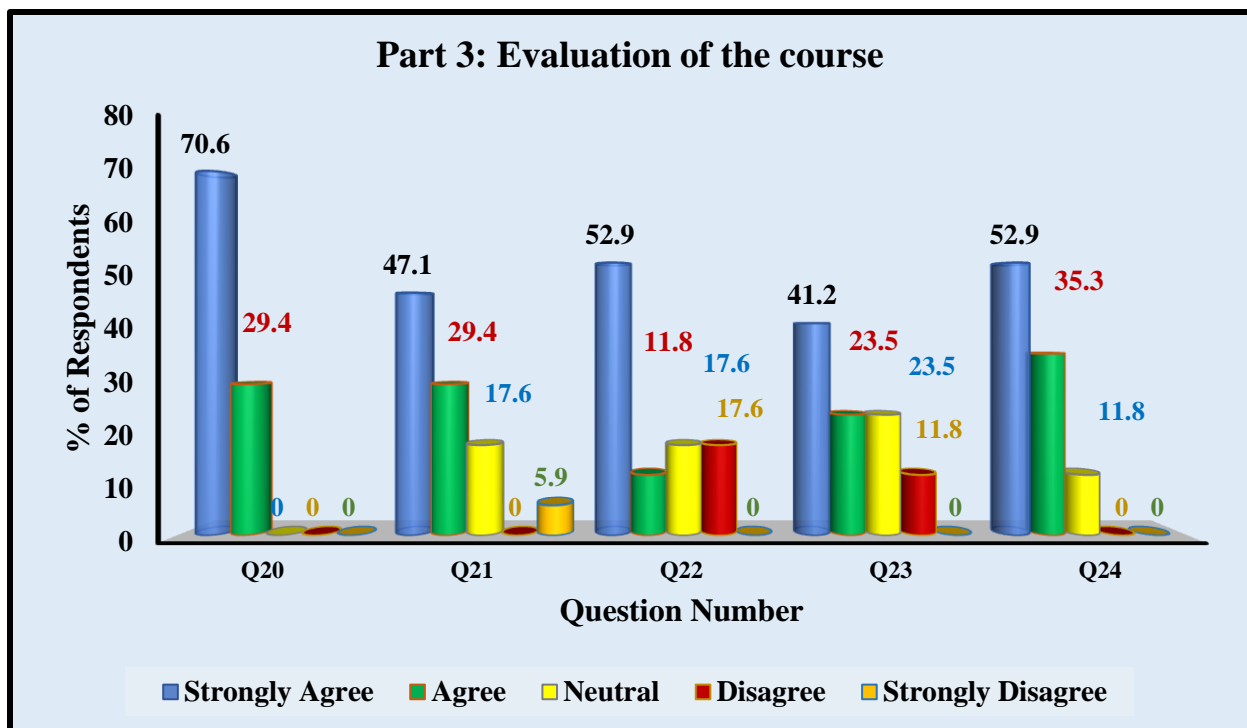


Fig.4: The percent of respondents for each question in Part 3: Evaluation of the Course.

Part 4:

Part 4 contains 3 open ended questions asking the students about their likenesses and dislikes for the course, in addition to their suggestion for course improvement. 100 % of students responded to these questions. Most of the responses mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

Respondents also commented on their needs for a practical part accompanied with the course. Moreover, some of them suggested that the credit hours of the course were not enough for them and expressed about their need to increase the theoretical part.

Course Title: Health Physics

Course Code: 403383

Instructor: Prof. Dr./ Samir Naetto

Survey data were analyzed by computing means, standard deviations, percentages, and counts of survey participants who selected a given response. Additionally, writing responses were reviewed and summarized.

However, the students taken this survey were 17 in total, only 13 of them responded to the survey. About 23.1 % of students were in level 7, while the rest of students taken the survey were from level 4 (61.5 %) and level 6 (15.4 %). The percent of students participated in this survey for each level is represented in the graph below:

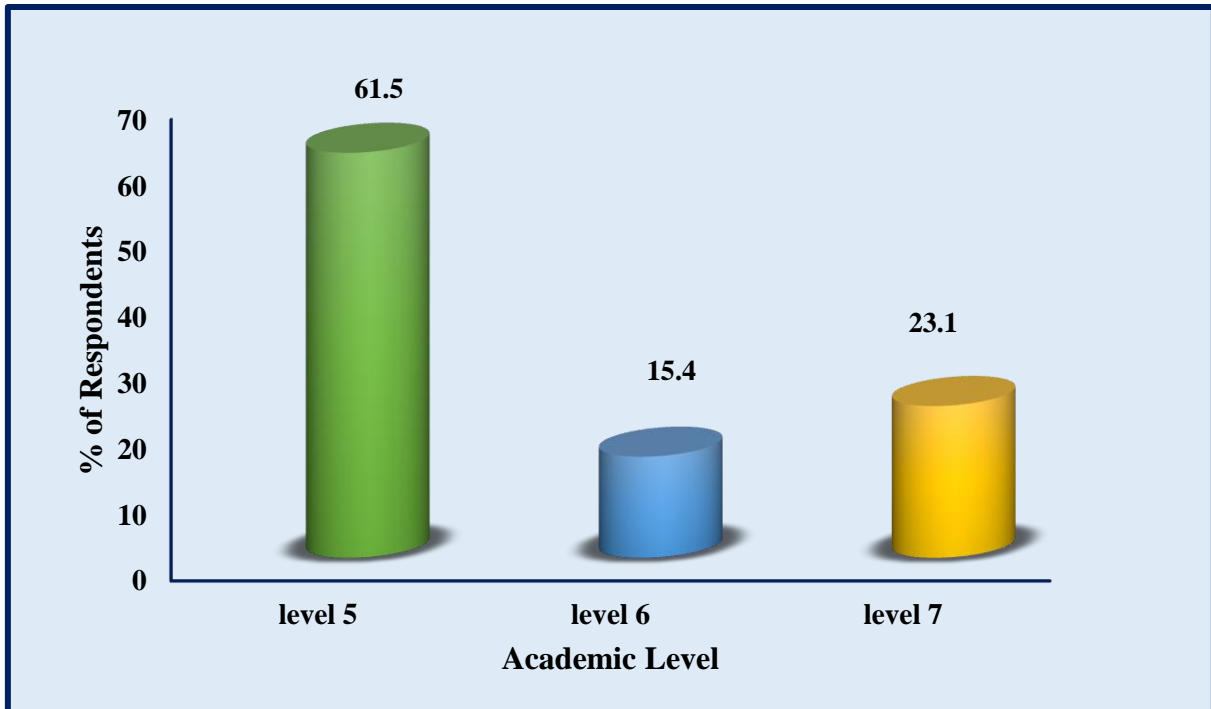


Fig.5: The percent of students participated in Health Physics Course Evaluation Survey for each academic level.

Part 1:

In course evaluation survey, part 1 contains 3 questions about “the start of the course”. The results are stated below:

Part 1: Questions about the start of the course:						
Q. No.	Question 1		Question 2		Question 3	
	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents
Strongly agree	5	38.4	4	30.8	6	46.2
Agree	5	38.5	5	38.5	3	23.1
neutral	2	15.4	2	15.4	2	15.4
Disagree	1	7.7	1	7.6	2	15.4
Strongly Disagree	0	0	1	7.7	0	0
Total	13	100	13	100	13	100

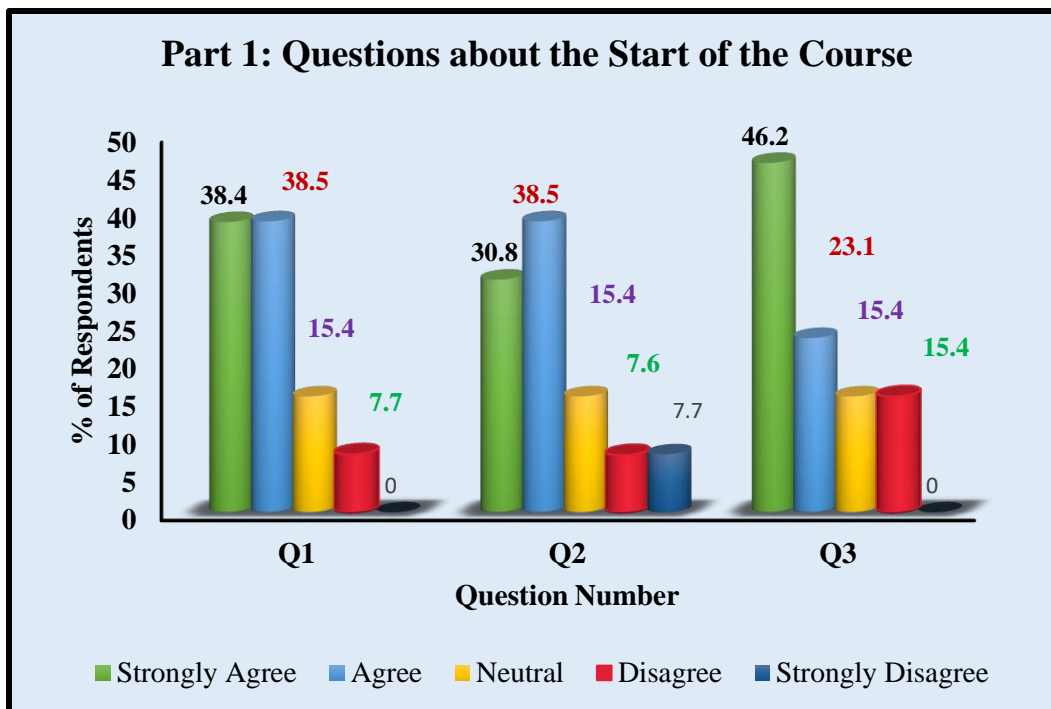


Fig.6: The percent of respondents for each question in Part 1: Questions about the Start of the Course.

The course surveyed by a total of 13 students (76.47 % of students started the course this semester). The results of part 1 (Questions about the Start of the Course)) showed that 100% students responded to the questions of this part. Overall, 65 % of responses were “Agree” and favorable toward satisfaction, 15.4 % of responses were “Neutral”, 13 % of responses were “Disagree”, and 0% had no responses.

Questions 1, and 2 yielded largest number of “Agree” responses with 65 % of respondents agreeing about the clarity of both course outline and assessment tasks of the course.

Part 2:

In course evaluation survey, part 2 contains 16 questions about “What Happened during the Course”. The results are stated below:

Part 2: Questions about what happened during the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q4	% of respondents	38.5	38.5	23.1	0	0	100
	Number of respondents	5	5	3	0	0	13
Q5	% of respondents	38.5	38.5	23.1	0	0	100
	Number of respondents	5	5	3	0	0	13
Q6	% of respondents	53.8	23.1	15.4	7.7	0	100
	Number of respondents	7	3	2	1		13
Q7	% of respondents	69.2	23.1	7.7	0	0	100
	Number of respondents	9	3	1	0	0	13
Q8	% of respondents	61.5	15.4	23.1	0	0	100
	Number of respondents	8	2	3	0	0	13
Q9	% of respondents	46.2	15.4	23.1	7.6	7.7	100
	Number of respondents	6	2	3	1	1	13

	respondents						
Q10	% of respondents	38.5	30.8	15.4	7.6	7.7	100
	Number respondents of	5	4	2	1	1	13
Q11	% of respondents	30.8	15.6	30.5	0	23.1	100
	Number respondents of	4	2	4	0	3	13
Q12	% of respondents	30.8	15.4	15.4	23.1	15.4	100
	Number respondents of	4	2	2	3	2	13
Q13	% of respondents	30.8	38.5	23.1	7.7	0	100
	Number respondents of	4	5	3	1		13
Q14	% of respondents	30.8	38.5	23.1	7.7	0	100
	Number respondents of	4	5	3	1	0	13
Q15	% of respondents	30.8	38.5	15.4	7.6	7.7	100
	Number respondents of	4	5	2	1	1	13
Q16	% of respondents	30.8	40.2	10.6	10.7	7.7	100
	Number respondents of	4	5	1	1	1	13
Q17	% of respondents	30.8	38.5	23.1	7.7	0	100
	Number respondents of	4	5	3	1	0	13
Q18	% of respondents	69.2	0	23.1	7.7	0	100
	Number respondents of	9	0	3	1	0	13
Q19	% of respondents	46.2	30.8	7.6	15.4	0	100
	Number respondents of	6	4	1	2	0	13

The course surveyed a total of 13 students (76.47 % of students started the course this semester). The results of part 2 (Questions about What Happened during the Course) showed that 100 % students responded to the questions of this part. Overall, 68 % of

responses were “Agree” and favorable toward satisfaction, 16 % of responses were “Neutral”, 15 % of responses were “Disagree”, and 0% had no responses.

Question 7 yielded largest number of “Agree” responses with 92 % of respondents agreeing that they were satisfied with that the instructor was helpful and available during the office hours.

Questions 5,6, and 8 yielded largest number of “Agree” responses with 76% of respondents agreeing that they were satisfied that the instructor attitude was helpful for them.

The largest number of “Disagree” responses corresponds to Question 12. Almost 30 % of respondents disagreed with the statements indicating that adequate availability resources they needed for execution of course’s activities.

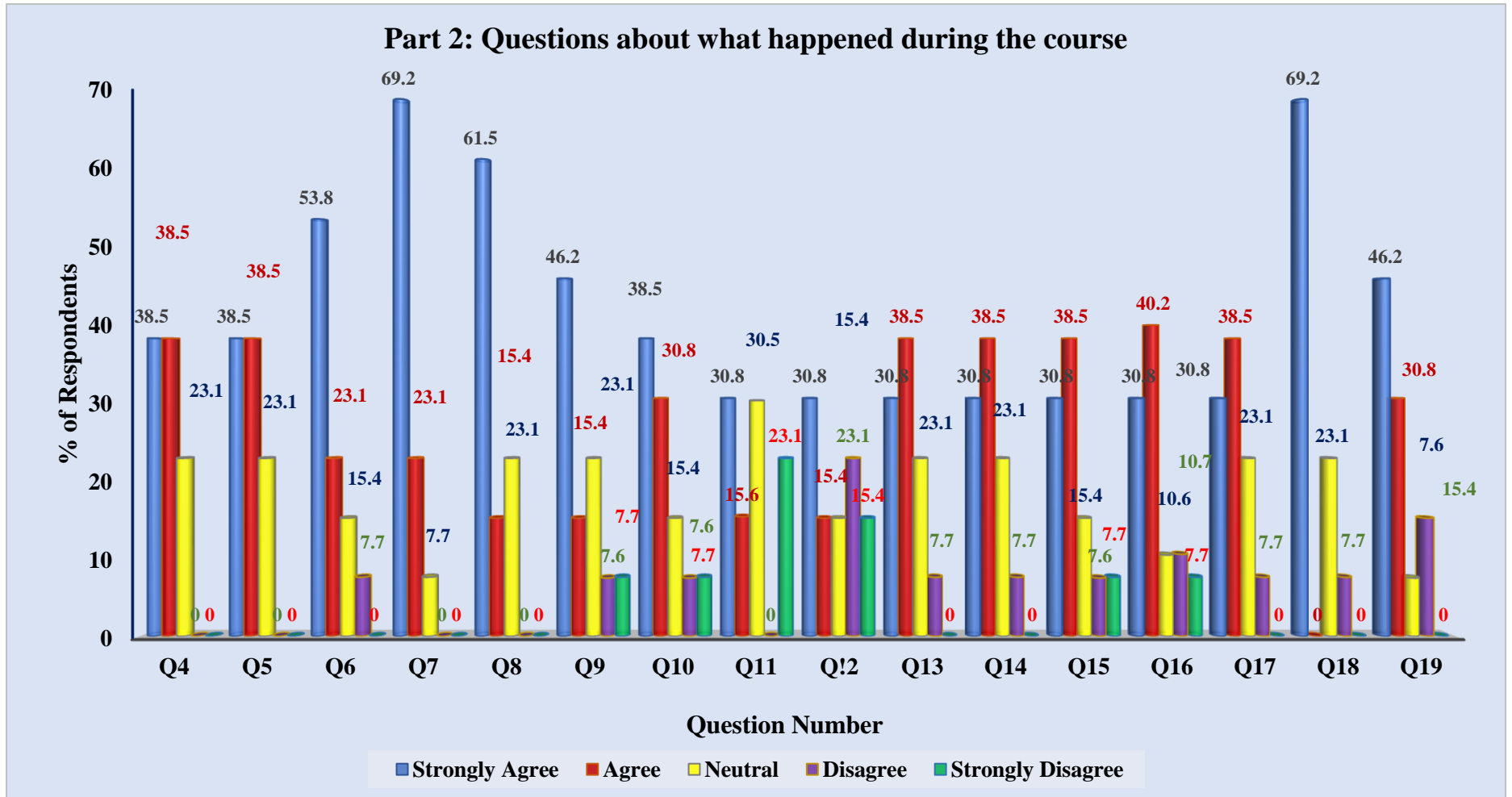


Fig.7: The percent of respondents for each question in Part 2: Questions about What Happened during the Course.

Part 3:

In course evaluation survey, part 3 contains 5 questions about “Evaluation of the Course”. The results are stated below:

Part 3: Evaluation of the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q20	% of respondents	61.5	15.4	23.1	0	0	100
	Number of respondents	8	2	3	0	0	13
Q21	% of respondents	61.5	15.4	23.1	0	0	100
	Number of respondents	8	2	3	0	0	13
Q22	% of respondents	23.1	46.2	23.1	0	7.7	100
	Number of respondents	3	6	3	0	1	13
Q23	% of respondents	23.1	38.5	30.8	0	7.7	100
	Number of respondents	3	5	4	0	1	13

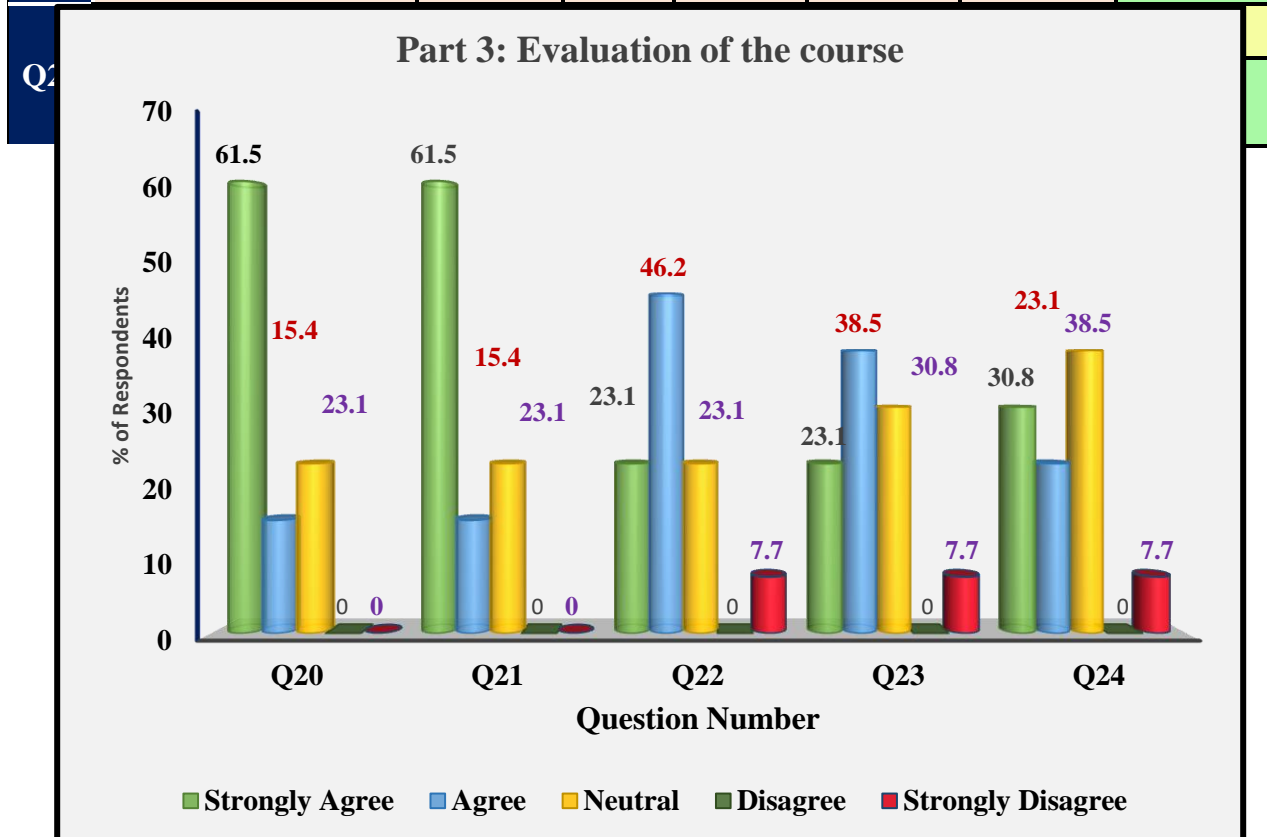


Fig.8: The percent of respondents for each question in Part 3: Evaluation of the Course.

The course surveyed a total of 13 students (76.47 % of students started the course this semester). The results of part 3 (Evaluation of the Course) showed that 100 % students responded to the questions of this part. Overall, 70% of responses were “Agree” and favorable toward satisfaction, 23 % of responses were “Neutral”, 7 % of responses were “Disagree”, and 0% had no responses.

Questions 21 yielded largest number of “Agree” responses with 75 % of respondents agreeing that improvement of their communication, solving problems, and working in group effectively rather than memorizing knowledge.

About 7 % “Disagree” responses recorded from the respondents for Q22, Q23, and Q24, since the students disagreed with the activities improving their communication skills and their experts in field.

Part 4:

Part 4 contains 3 open ended questions asking the students about their likeness and dislikes for the course, in addition to their suggestion for course improvement. 100 % of students responded to these questions. Most of the responses mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

Students also commented on their needs for more workshops and training in field. Moreover, the practical part of the course was not enough for them and expressed about their need for more practicing in field.

Course Title: Physics of Radiation Effects

Course Code: 403384

Instructor: Dr./ Taha Alfawal

Survey data were analyzed by computing means, standard deviations, percentages, and counts of survey participants who selected a given response. Additionally, writing responses were reviewed and summarized.

However, the students taken this survey were 12 in total, only 11 of them responded to the survey. All students were in level 5.

Part 1:

In course evaluation survey, part 1 contains 3 questions about “the start of the course”. The results are stated below:

Part 1: Questions about the start of the course:						
Q. No.	Question 1		Question 2		Question 3	
	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents
Strongly agree	8	72.7	7	63.6	7	63.6
Agree	3	27.3	2	18.2	4	36.4
neutral	0	0	2	18.2	0	0
Disagree	0	0	0	0	0	0
Strongly Disagree	0	0	0	0	0	0
Total	11	100	11	100	11	100

The course surveyed by a total of 11 students (91.7 % of students started the course this semester). The results of part 1 (Questions about the Start of the Course)) showed that 100% students responded to the questions of this part. Overall, 90 % of responses were “Agree” and favorable toward satisfaction, 10 % of responses were “Neutral”, 0 % of responses were “Disagree”, and 0% had no responses.

Questions 1, and 3 yielded largest number of “Agree” responses with 100 % of respondents agreeing about the clarity of course outline and availability of helping resources of the course.

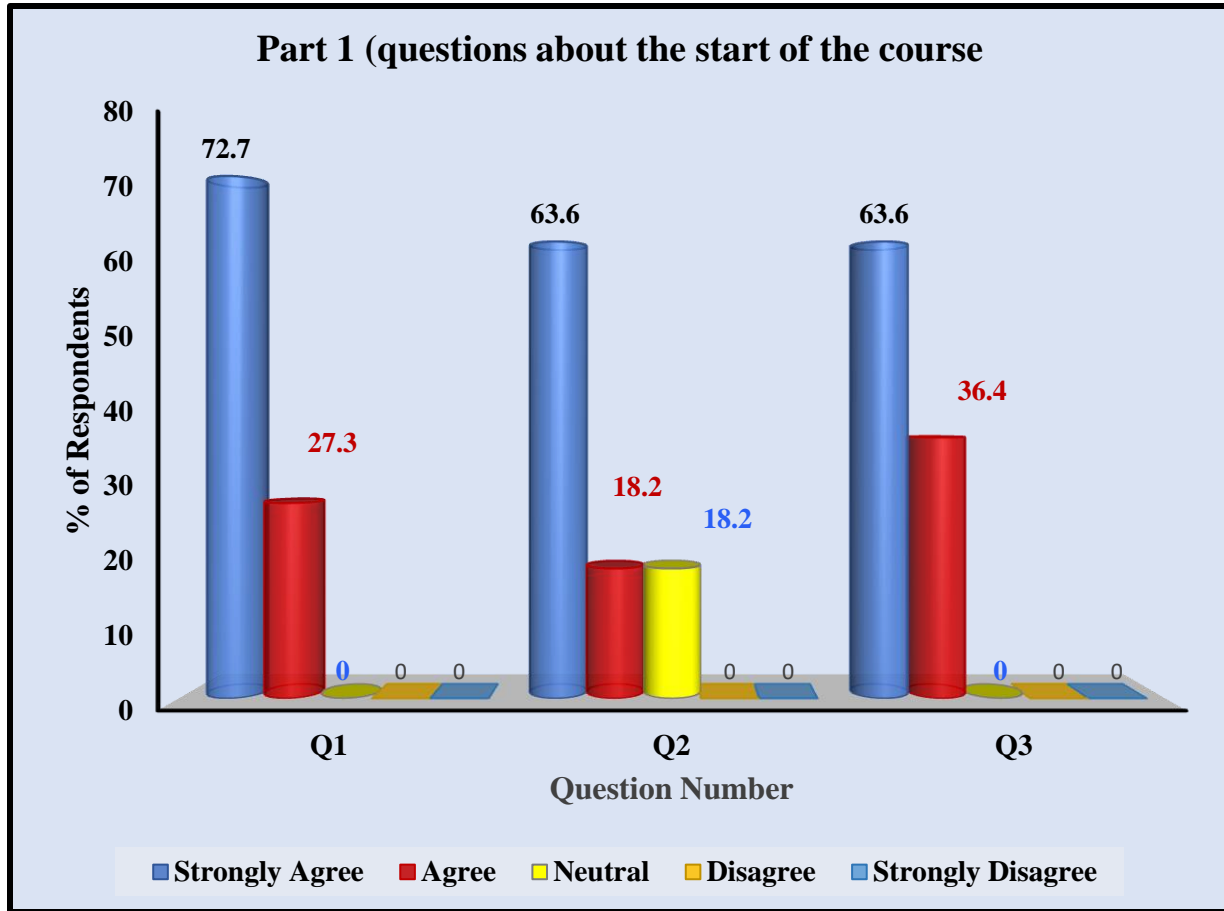


Fig.9: The percent of respondents for each question in Part 1: Questions about the Start of the Course.

Part 2:

In course evaluation survey, part 2 contains 16 questions about “What Happened during the Course”. The results are stated below:

Part 2: Questions about what happened during the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q4	% of respondents	72.7	18.2	9.1	0	0	100
	Number of respondents	8	2	1	0	0	11
Q5	% of respondents	54.5	36.4	9.1	0	0	100
	Number of	6	4	1	0	0	11

	respondents						
Q6	% of respondents	90.9	9.1	0	0	0	100
	Number respondents of	10	1	0	0	0	11
Q7	% of respondents	54.5	45.5	0	0	0	100
	Number respondents of	6	5	0	0	0	11
Q8	% of respondents	45.5	54.5	0	0	0	100
	Number respondents of	5	6	0	0	0	11
Q9	% of respondents	27.3	45.5	27.3	0	0	100
	Number respondents of	3	5	3	0	0	11
Q10	% of respondents	63.6	36.4	0	0	0	100
	Number respondents of	7	4	0	0	0	11
Q11	% of respondents	54.5	27.3	18.2	0	0	100
	Number respondents of	6	3	2	0	0	11
Q12	% of respondents	54.5	36.4	0	9.1	0	100
	Number respondents of	6	4		1		11
Q13	% of respondents	27.3	36.4	36.4	0	0	100
	Number respondents of	3	4	4	0	0	11
Q14	% of respondents	36.4	36.4	18.2	0	9.1	100
	Number respondents of	4	4	2	0	1	11
Q15	% of respondents	36.4	45.5	9.1	9.1	0	100
	Number respondents of	4	5	1	1	0	11
Q16	% of respondents	54.5	27.3	0	9.1	9.1	100
	Number respondents of	6	3	0	1	1	11
Q17	% of respondents	54.5	27.3	18.2	0	0	100
	Number respondents of	6	3	2	0	0	11

	respondents						
Q18	% of respondents	36.4	54.5	0	9.1	0	100
	Number of respondents	4	6	0	1	0	11
Q19	% of respondents	36.4	45.5	18.2	0	0	100
	Number of respondents	4	5	2	0	0	11

The course surveyed a total of 11 students (91.7 % of students started the course this semester). The results of part 2 (Questions about What Happened during the Course) showed that 100 % students responded to the questions of this part. Overall, 80 % of responses were “Agree” and favorable toward satisfaction, 12 % of responses were “Neutral”, 8 % of responses were “Disagree”, and 0% had no responses.

Questions 6, 7, 8, and 10 yielded largest number of “Agree” responses with 100 % of respondents agreeing that they were satisfied the expert of the instructor and his availability during office hours, in addition to that the course materials were updating.

The largest number of “Disagree” responses corresponds to Question 16. Almost 18.2 % of respondents disagreed with the statements indicating that the amount of work was reasonable to the course credit hours.

Part 3:

In course evaluation survey, part 3 contains 5 questions about “Evaluation of the Course”. The results are stated below:

Part 3: Evaluation of the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q20	% of respondents	63.6	27.3	9.1	0	0	100
	Number of respondents	7	3	1	0	0	11
Q21	% of respondents	27.3	54.5	18.2	0	0	100
	Number of respondents	3	6	2	0	0	11
Q22	% of respondents	36.4	18.2	36.4	9.1	0	100

	Number respondents of	4	2	4	1	0	11
Q23	% of respondents	36.4	27.3	36.4	0	0	100
	Number respondents of	4	3	4	0	0	11
Q24	% of respondents	36.4	54.5	9.1	0	0	100
	Number respondents of	4	6	1	0	0	11

The course surveyed a total of 11 students (91.7 % of students started the course this semester). The results of part 3 (Evaluation of the Course) showed that 100 % students responded to the questions of this part. Overall, 78 % of responses were “Agree” and favorable toward satisfaction, 18 % of responses were “Neutral”, 4 % of responses were “Disagree”, and 0% had no responses.

Part 2: Questions about what happened during the course:

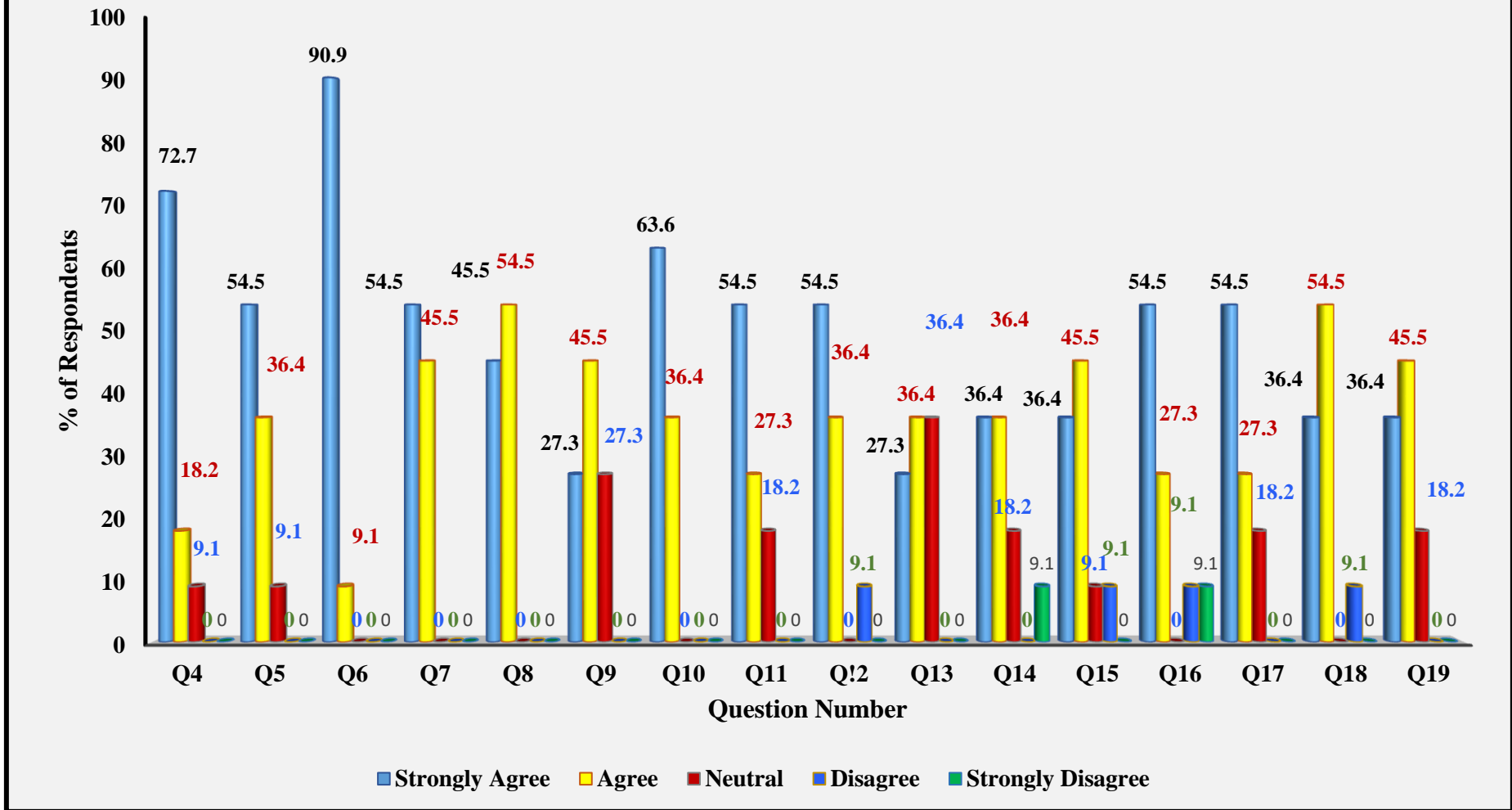


Fig.10: The percent of respondents for each question in Part 2: Questions about What Happened during the Course.

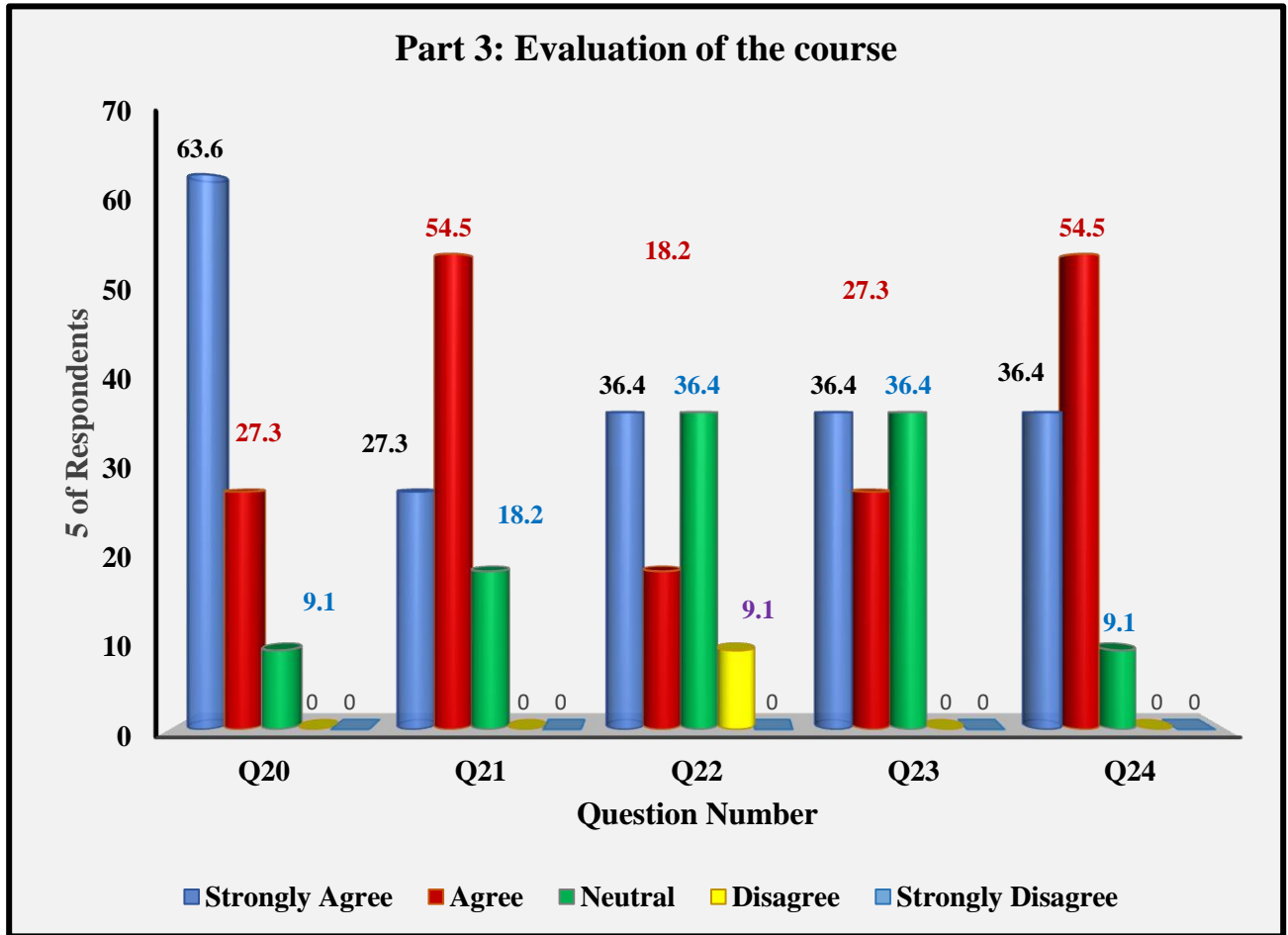


Fig.11: The percent of respondents for each question in Part 3: Evaluation of the Course.

Questions 20, and 24 yielded largest number of “Agree” responses with 90 % of respondents agreeing that improvement of their communication, solving problems, and working in group effectively rather than memorizing knowledge.

About 9.1 % “Disagree” responses recorded from the respondents for Q22, since the students disagreed with the amount of activities required to improve their communication skills and their experts in field.

Part 4:

Part 4 contains 3 open ended questions asking the students about their likeness and dislikes for the course, in addition to their suggestion for course improvement. 100 % of students responded to these questions. Most of the responses mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

Students also commented on their needs for more workshops, practical activities, and training in field. Moreover, the activities of the course were not enough for them and expressed about their need for more practicing in field and solving problems.

Course Title: Medical Radiation Physics 1

Course Code: 403385

Instructor: Dr./ Taha Alfawal

Survey data were analyzed by computing means, standard deviations, percentages, and counts of survey participants who selected a given response. Additionally, writing responses were reviewed and summarized.

100% of the students taken this survey (6 students) responded to it. About 83.3 % of students are in level 7, while the rest of students taken the survey are from level 5 (16.7 %). The percent of students participated in this survey for each level is represented in the graph below:

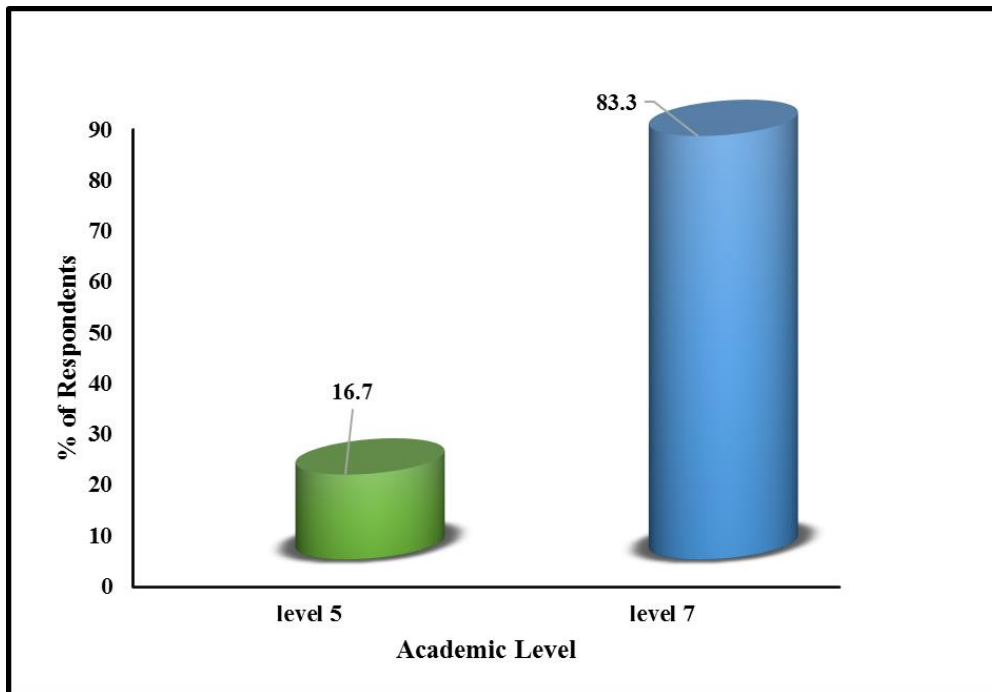


Fig.12: The percent of students participated in Health Physics Course Evaluation Survey for each academic level.

Part 1:

In course evaluation survey, part 1 contains 3 questions about “the start of the course”. The results are stated below:

Part 1: Questions about the start of the course:						
Q. No.	Question 1		Question 2		Question 3	
	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents
Strongly agree	4	66.7	5	83.3	5	83.3
Agree	0	0	0	0	0	0
neutral	2	33.3	1	16.7	1	16.7
Disagree	0	0	0	0	0	0
Strongly Disagree	0	0	0	0	0	0
Total	6	100	6	100	6	100

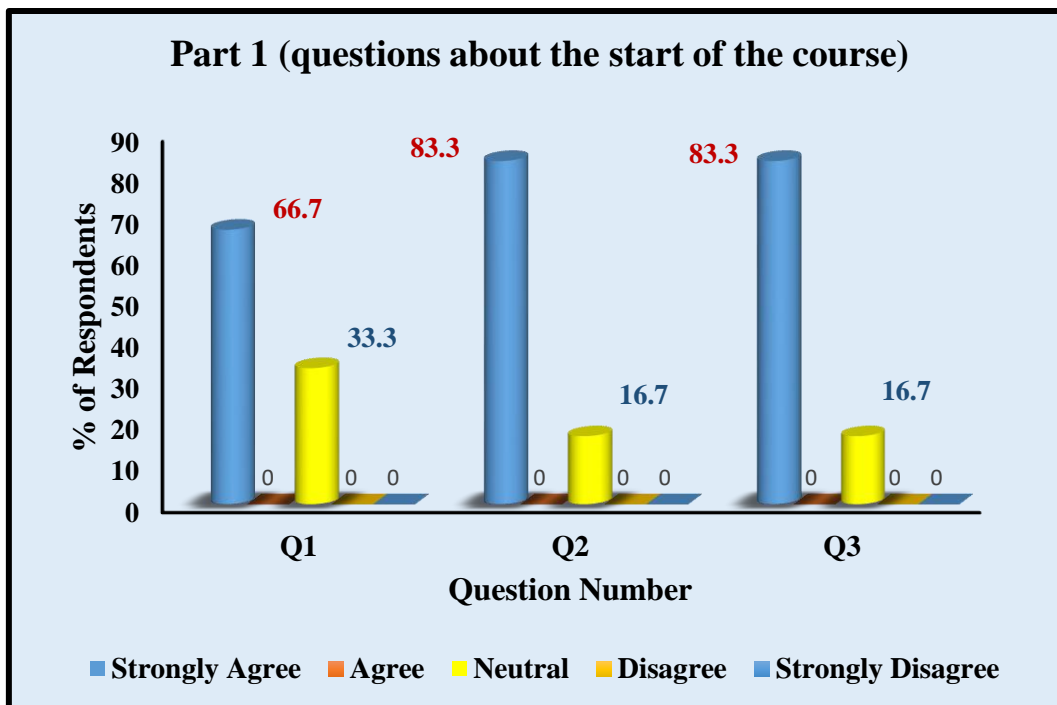


Fig.13: The percent of respondents for each question in Part 1: Questions about the Start of the Course.

The course surveyed by a total of 6 students (100 %). The results of part 1 (Questions about the Start of the Course)) showed that 100% students responded to the questions of this part. Overall, 78 % of responses were “Agree” and favorable toward satisfaction, 22 % of responses were “Neutral”, 0 % of responses were “Disagree”, and 0% had no responses.

Questions 2, and 3 yielded largest number of “Agree” responses with 83.3 % of respondents agreeing about the clarity of both assessment tasks and the helpful resources of the course.

Part 2:

In course evaluation survey, part 2 contains 16 questions about “What Happened during the Course”. The results are stated below:

Part 2: Questions about what happened during the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q4	% of respondents	66.7	0	33.3	0	0	100
	Number respondents of	4	0	2	0	0	6
Q5	% of respondents	66.7	16.7	16.7	0	0	100
	Number respondents of	4	1	1	0	0	6
Q6	% of respondents	83.3	16.7	0	0	0	100
	Number respondents of	5	1	0	0	0	6
Q7	% of respondents	66.7	16.7	0	16.7	0	100
	Number respondents of	4	1	0	1	0	6
Q8	% of respondents	66.7	0	33.3	0	0	100
	Number respondents of	4	0	2	0	0	6
Q9	% of respondents	50	33.3	16.7	0	0	100
	Number respondents of	3	2	1	0	0	6

Q10	% of respondents	50	33.3	16.7	0	0	100
	Number respondents of	3	2	1	0	0	6
Q11	% of respondents	66.7	0	16.7	0	16.7	100
	Number respondents of	4	0	1	0	1	6
Q12	% of respondents	50	16.7	16.7	16.7	0	100
	Number respondents of	3	1	1	1	0	6
Q13	% of respondents	83.3	0	16.7	0	0	100
	Number respondents of	5	0	1	0	0	6
Q14	% of respondents	83.3	0	16.7	0	0	100
	Number respondents of	5	0	1	0	0	6
Q15	% of respondents	66.7	16.7	16.7	0	0	100
	Number respondents of	4	1	1	0	0	6
Q16	% of respondents	66.7	16.7	16.7	0	0	100
	Number respondents of	4	1	1	0	0	6
Q17	% of respondents	83.3	0	16.7	0	0	100
	Number respondents of	5	0	1	0	0	6
Q18	% of respondents	66.7	0	16.7	0	16.7	100
	Number respondents of	4	0	1	0	1	6
Q19	% of respondents	66.7	33.3	0	0	0	100
	Number respondents of	4	2	0	0	0	6

The course surveyed a total of 6 students (100 %). The results of part 2 (Questions about What Happened during the Course) showed that 100 % students responded to the questions of this part. Overall, 68 % of responses were “Agree” and favorable toward satisfaction, 16 % of responses were “Neutral”, 10 % of responses were “Disagree”, and 0% had no responses.

Question 19 yielded largest number of “Agree” responses with 100 % of respondents agreeing that they were satisfied that the course is linked with other course of the program in addition to its relation with the practical field.

Questions 6, 13, 14, and 17 yielded largest number of “Agree” responses with 83.3 % of respondents agreeing that they were satisfied the expert of the instructor, in addition to the development of their skills and the reasonability of the course credit hours.

The largest number of “Disagree” responses corresponds to Questions 11, 12, and 18. Almost 16.7 % of respondents disagreed with the statements indicating that adequate and availability resources they needed for execution of course’s activities and the grades of assessment of the course .

Part 2: Questions about what happened during the course

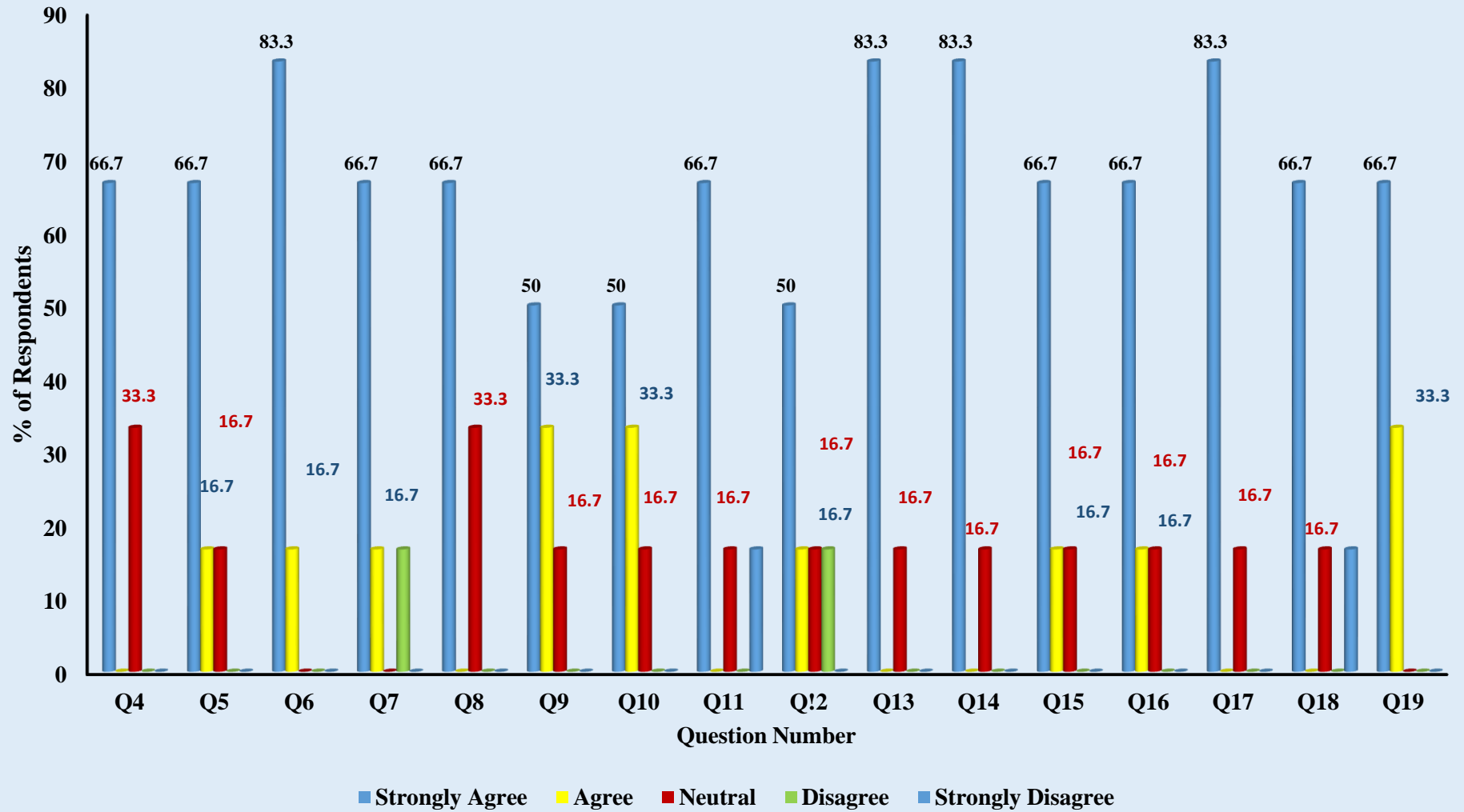


Fig.14: The percent of respondents for each question in Part 2: Questions about What Happened during the Course.

Part 3:

In course evaluation survey, part 3 contains 5 questions about “Evaluation of the Course”. The results are stated below:

Part 3: Evaluation of the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q20	% of respondents	66.7	16.7	16.7	0	0	100
	Number respondents of	4	1	1	0	0	6
Q21	% of respondents	66.7	0	33.3	0	0	100
	Number respondents of	4	0	2	0	0	6
Q22	% of respondents	66.7	0	16.7	16.7	0	100
	Number respondents of	4	0	1	1	0	6
Q23	% of respondents	66.7	16.7	16.7	0	0	100
	Number respondents of	4	1	1	0	0	6
Q24	% of respondents	66.7	16.7	16.7	0	0	100
	Number respondents of	4	1	1	0	0	6

The course surveyed a total of 6 students (100 %). The results of part 3 (Evaluation of the Course) showed that 100 % students responded to the questions of this part. Overall, 75% of responses were “Agree” and favorable toward satisfaction, 20 % of responses were “Neutral”, 5 % of responses were “Disagree”, and 0% had no responses.

Questions 20, 23, and 24 yielded largest number of “Agree” responses with 76.7 % of respondents agreeing that improvement of their communication, solving problems, and working in group effectively rather than memorizing knowledge.

About 16.7 % “Disagree” responses recorded from the respondents for Q22, since the students disagreed with the activities improving their communication skills and their experts in field.

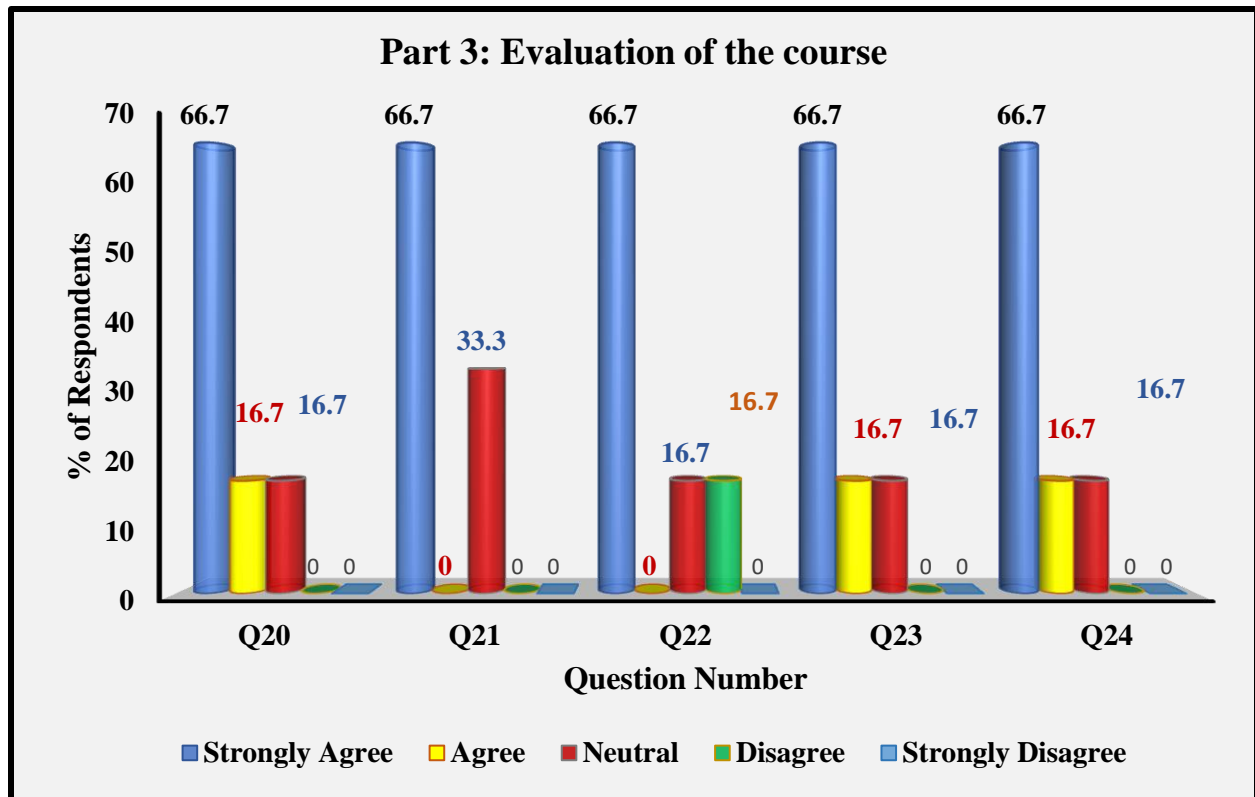


Fig.15: The percent of respondents for each question in Part 3: Evaluation of the Course.

Part 4:

Part 4 contains 3 open ended questions asking the students about their likeness and dislikes for the course, in addition to their suggestion for course improvement. 100 % of students responded to these questions. Most of the responses mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

Students also commented on their needs for more workshops and training in field. Moreover, the practical part of the course was not enough for them and expressed about their need for more practicing in field and solving problems.

Course Title: Radiation Protection

Course Code: 403388

Instructor: Dr/ Taha Elfawal

Survey data were analyzed by computing means, standard deviations, percentages, and counts of survey participants who selected a given response. Additionally, writing responses were reviewed and summarized.

However, the students taken this survey were 12 in total, only 8 of them responded to the survey. About 75 % of students were in level 7, while the rest of students taken the survey were from level 4 (12.5%) and level 5 (12.5%). The percent of students participated in this survey for each level is represented in the graph below:

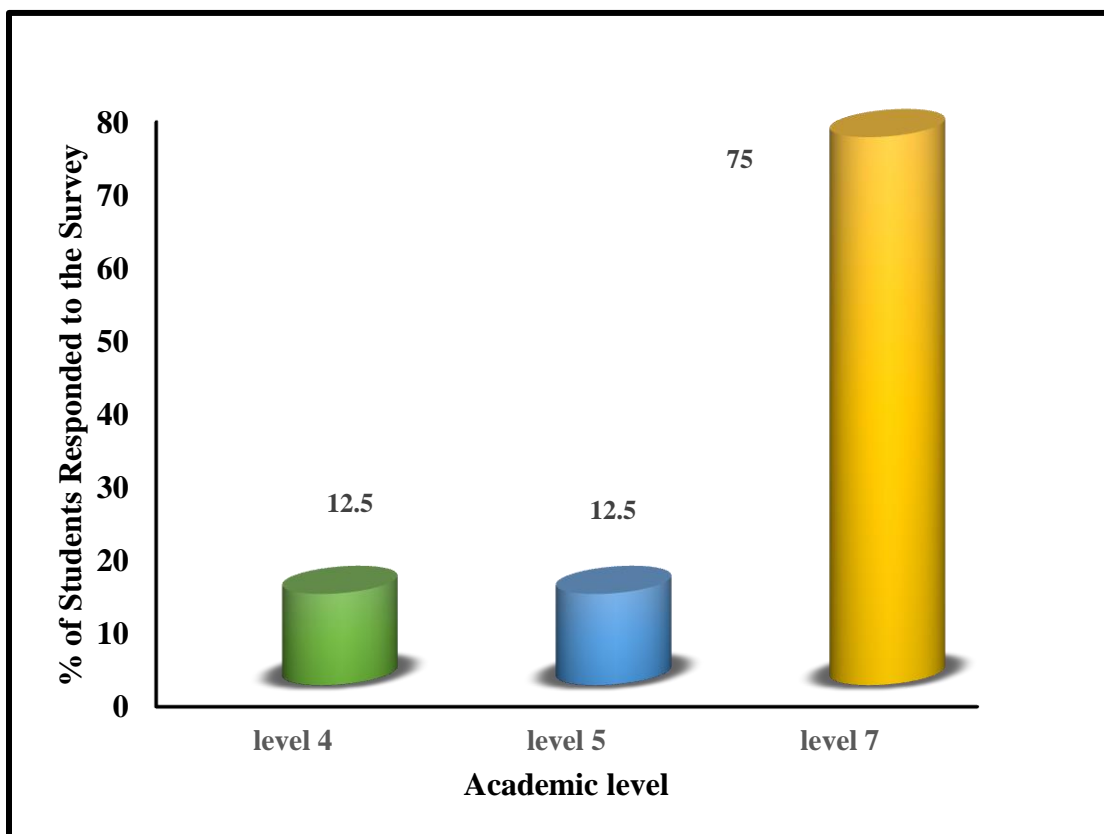


Fig.16: The percent of students participated in the radiation protection course evaluation survey for each academic level.

Part 1:

In course evaluation survey, part 1 contains 3 questions about “the start of the course”. The results are stated below:

Part 1: Questions about the start of the course:						
Q. No.	Question 1		Question 2		Question 3	
	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents
Strongly agree	5	62.5	4	50	4	50
Agree	2	25	3	37.5	2	25
neutral	1	12.5	1	12.5	2	25
Disagree	0	0	0	0	0	0
Strongly Disagree	0	0	0	0	0	0
Total	8	100	8	100	8	100

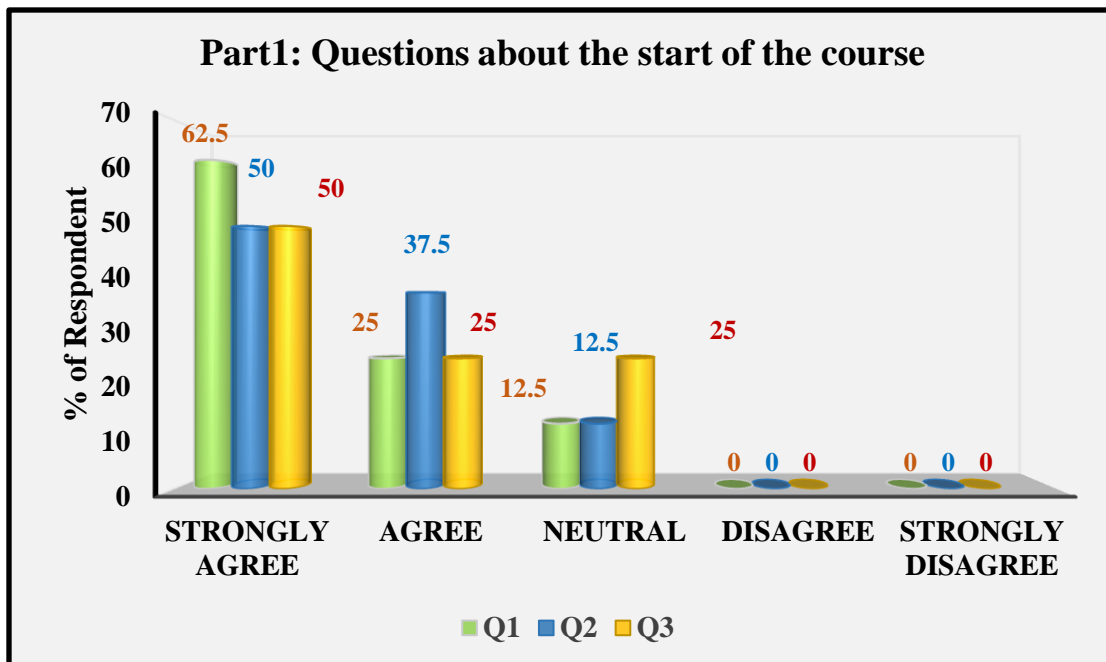


Fig.17: The percent of respondents for each question in Part 1: Questions about the Start of the Course.

The course surveyed by a total of 8 students (66.67 % of students started the course this semester). The results of part 1 (Questions about the Start of the Course)) showed that 100% students responded to the questions of this part. Overall, 83% of responses were “Agree” and favorable toward satisfaction, 17% of responses were “Neutral”, 0% of responses were “Disagree”, and 0% had no responses.

Questions 1, and 2 yielded largest number of “Agree” responses with 87.5% of respondents agreeing about the clarity of both course outline and assessment tasks of the course.

Part 2:

In course evaluation survey, part 2 contains 16 questions about “What Happened during the Course”. The results are stated below:

Part 2: Questions about what happened during the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q4	% of respondents	50	25	25	0	0	100
	Number of respondents	4	2	2	0	0	8
Q5	% of respondents	62.5	25	12.5	0	0	100
	Number of respondents	5	2	1	0	0	8
Q6	% of respondents	75	12.5	12.5	0	0	100
	Number of respondents	6	1	1	0	0	8
Q7	% of respondents	75	12.5	12.5	0	0	100
	Number of respondents	6	1	1	0	0	8
Q8	% of respondents	62.5	25	12.5	0	0	100
	Number of respondents	5	2	1	0	0	8
Q9	% of respondents	62.5	25	12.5	0	0	100
	Number of respondents	5	2	1	0	0	8

	respondents						
Q10	% of respondents	62.5	12.5	12.5	12.5	0	100
	Number of respondents	5	1	1	1	0	8
Q11	% of respondents	25	37.5	12.5	25	0	100
	Number of respondents	2	3	1	2	0	8
Q12	% of respondents	62.5	0	37.5	0	0	100
	Number of respondents	5	0	3	0	0	8
Q13	% of respondents	62.5	25	12.5	0	0	100
	Number of respondents	5	2	1	0	0	8
Q14	% of respondents	50	25	25	0	0	100
	Number of respondents	4	2	2	0	0	8
Q15	% of respondents	62.5	37.5	0	0	0	100
	Number of respondents	5	3	0	0	0	8
Q16	% of respondents	62.5	12.5	25	0	0	100
	Number of respondents	5	1	2	0	0	8
Q17	% of respondents	62.5	12.5	25	0	0	100
	Number of respondents	5	1	2	0	0	8
Q18	% of respondents	62.5	12.5	12.5	12.5	0	100
	Number of respondents	5	1	1	1	0	8
Q19	% of respondents	50	37.5	12.5	0	0	100
	Number of respondents	4	3	1	0	0	8

The course surveyed a total of 8 students (66.67 % of students started the course this semester). The results of part 2 (Questions about What Happened during the Course) showed that 100 % students responded to the questions of this part. Overall, 80% of

responses were “Agree” and favorable toward satisfaction, 13 % of responses were “Neutral”, 5 % of responses were “Disagree”, and 0% had no responses.

Question 15 yielded largest number of “Agree” responses with 100 % of respondents agreeing that they were satisfied with both class activities, assignments, etc were helpful for developing their knowledge and skills related the course.

Questions 9, 10, 11, and 13 yielded largest number of “Agree” responses with 84% of respondents agreeing that they were satisfied with the good quality of the classrooms and computing facilities.

The largest number of “Disagree” responses corresponds to Question 12. Almost 20 % of respondents disagreed with the statements indicating that adequate availability resources they needed for execution of course’s activities.

Part 2: Questions about what happened during the course

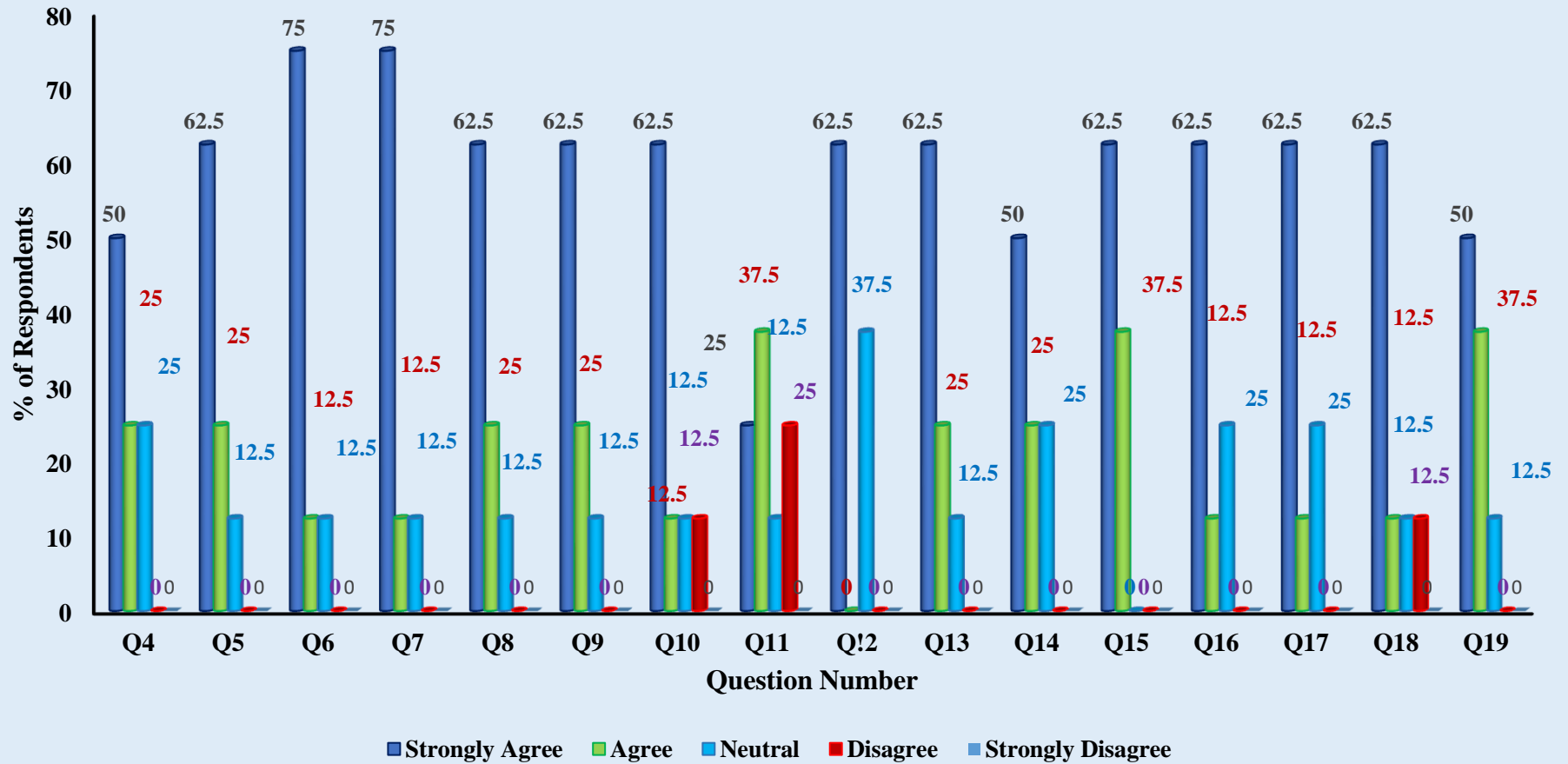


Fig.18: The percent of respondents for each question in Part 2: Questions about What Happened during the Course.

Part 3:

In course evaluation survey, part 3 contains 5 questions about “Evaluation of the Course”. The results are stated below:

Part 3: Evaluation of the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q20	% of respondents	75	25	0	0	0	100
	Number of respondents	6	2	0	0	0	8
Q21	% of respondents	62.5	37.5	0	0	0	100
	Number of respondents	5	3	0	0	0	8
Q22	% of respondents	62.5	25	12.5	0	0	100
	Number of respondents	5	2	1	0	0	8
Q23	% of respondents	37.5	62.5	0	0	0	100
	Number of respondents	3	5	0	0	0	8

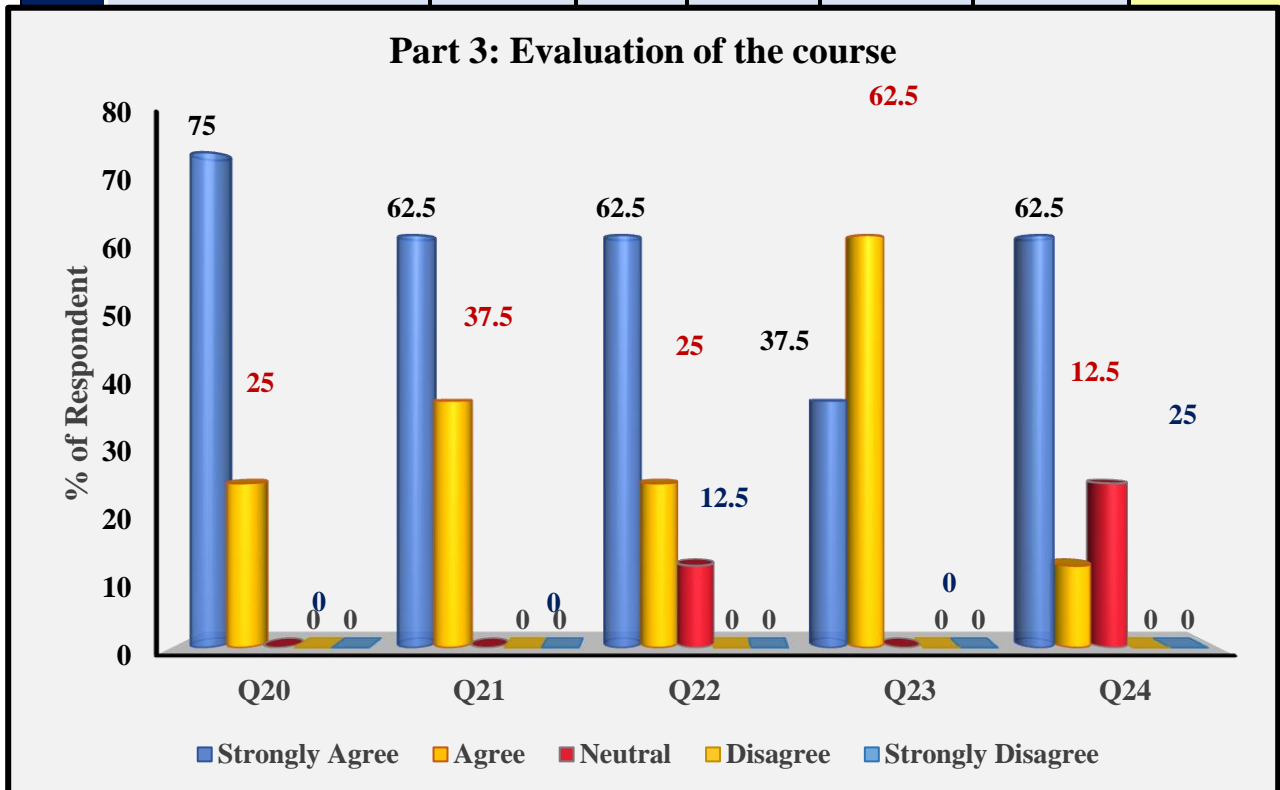


Fig.19: The percent of respondents for each question in Part 3: Evaluation of the Course.

The course surveyed a total of 8 students (66.67 % of students started the course this semester). The results of part 3 (Evaluation of the Course) showed that 100 % students responded to the questions of this part. Overall, 90% of responses were “Agree” and favorable toward satisfaction, 10 % of responses were “Neutral”, 0 % of responses were “Disagree”, and 0% had no responses.

Questions 21 and 23 yielded largest number of “Agree” responses with 100 % of respondents agreeing that improvement of their communication, solving problems, and working in group effectively rather than memorizing knowledge.

No “Disagree” responses recorded from the respondents, since the course is related to their experts in field.

Part 4:

Part 4 contains 3 open ended questions asking the students about their likeness and dislikes for the course, in addition to their suggestion for course improvement. 100 % of students responded to these questions. Most of the responses mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

Students also commented on their needs for more workshops and training in field. Moreover, the practical part of the course was not enough for them and expressed about their need for more practicing in field.

**Course Title: Physics of Radiation Therapy
2**

Course Code: 403493

Instructor: Dr./ Samir Naetto

Survey data were analyzed by computing means, standard deviations, percentages, and counts of survey participants who selected a given response. Additionally, writing responses were reviewed and summarized.

However, the students taken this survey were 20 in total, only 8 of them responded to the survey. About 87.5 % of students were in level 7, while the rest of students taken the survey were from level 3 (12.5 %). The percent of students participated in this survey for each level is represented in the graph below:

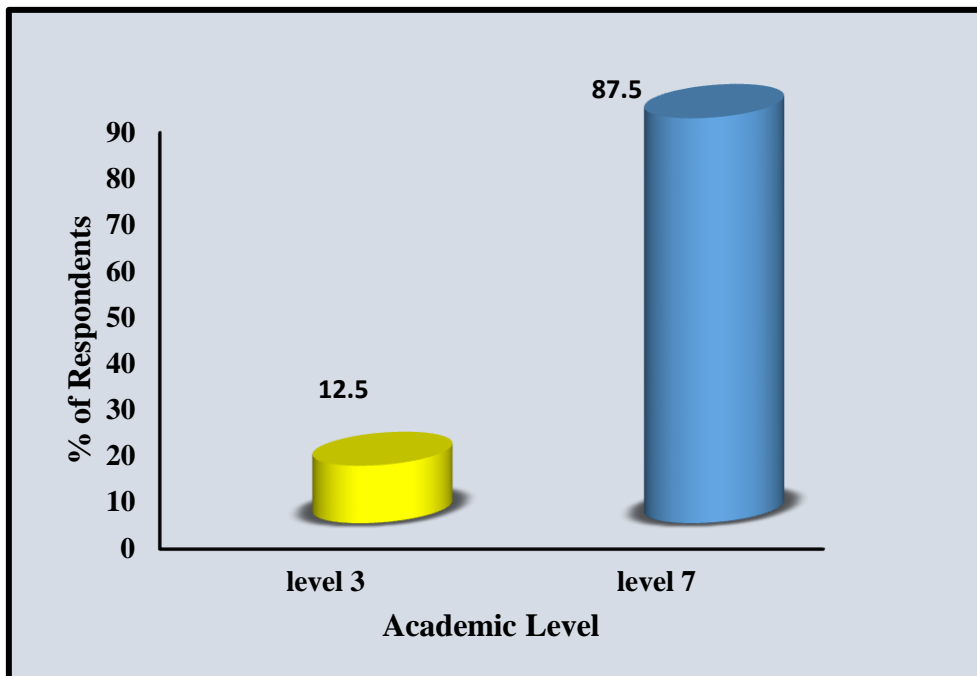


Fig.20: The percent of students participated in Health Physics Course Evaluation Survey for each academic level.

Part 1:

In course evaluation survey, part 1 contains 3 questions about “the start of the course”. The results are stated below:

Part 1: Questions about the start of the course:						
Q. No.	Question 1		Question 2		Question 3	
	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents
Strongly agree	4	50	5	62.5	7	87.5
Agree	3	37.5	2	25	1	12.5
neutral	1	12.5	1	12.5	0	0
Disagree	0	0	0	0	0	0
Strongly Disagree	0	0	0	0	0	0
Total	8	100	8	100	8	100

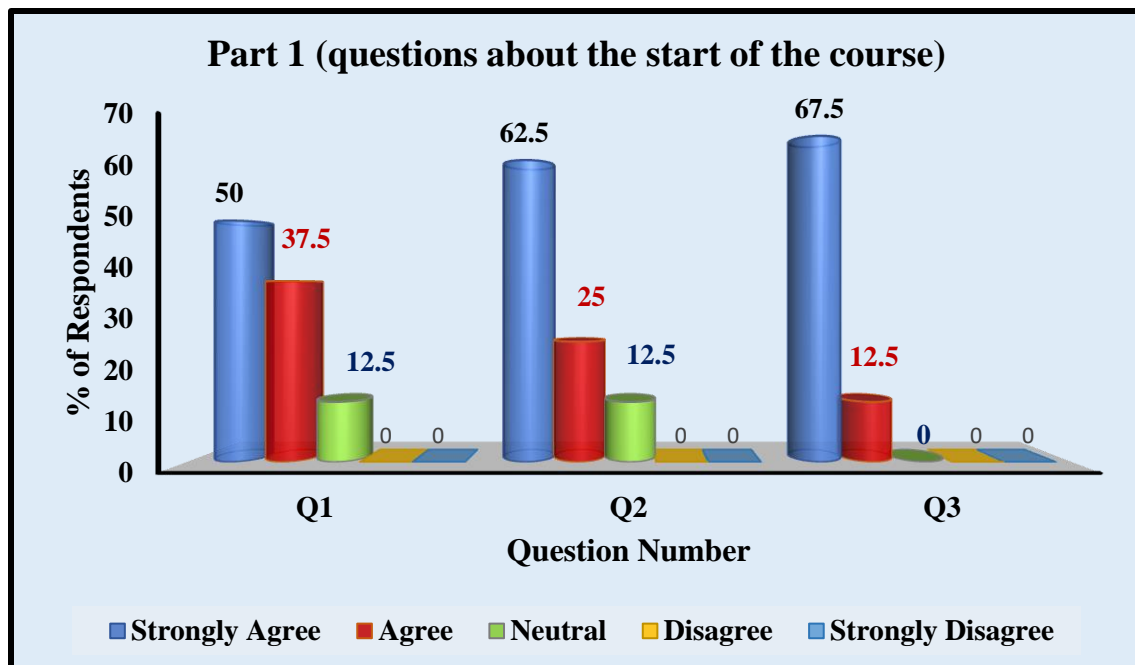


Fig.21: The percent of respondents for each question in Part 1: Questions about the Start of the Course.

The course surveyed by a total of 8 students (40 % of students started the course this semester). The results of part 1 (Questions about the Start of the Course)) showed that 100% students responded to the questions of this part. Overall, 85 % of responses were “Agree” and favorable toward satisfaction, 15 % of responses were “Neutral”, 0 % of responses were “Disagree”, and 0% had no responses.

Questions 1, and 2 yielded largest number of “Agree” responses with 87 % of respondents agreeing about the clarity of both course outline and assessment tasks of the course.

Part 2:

In course evaluation survey, part 2 contains 16 questions about “What Happened during the Course”. The results are stated below:

Part 2: Questions about what happened during the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q4	% of respondents	87.5	12.5	0	0	0	100
	Number of respondents	7	1	0	0	0	8
Q5	% of respondents	87.5	12.5	0	0	0	100
	Number of respondents	7	1	0	0	0	8
Q6	% of respondents	62.5	37.5	0	0	0	100
	Number of respondents	5	3	0	0	0	8
Q7	% of respondents	75	25	0	0	0	100
	Number of respondents	6	2	0	0	0	8
Q8	% of respondents	75	0	25	0	0	100
	Number of respondents	6	0	2	0	0	8
Q9	% of respondents	25	62.5	12.5	0	0	100
	Number of respondents	2	5	1	0	0	8

	respondents						
Q10	% of respondents	75	25	0	0	0	100
	Number of respondents	6	2	0	0	0	8
Q11	% of respondents	62.5	25	12.5	0	0	100
	Number of respondents	5	2	1	0	0	8
Q12	% of respondents	100	0	0	0	0	100
	Number of respondents	8	0	0	0	0	8
Q13	% of respondents	50	25	25	0	0	100
	Number of respondents	4	2	2	0	0	8
Q14	% of respondents	50	37.5	12.5	0	0	100
	Number of respondents	4	3	1	0	0	8
Q15	% of respondents	50	37.5	12.5	0	0	100
	Number of respondents	4	3	1	0	0	8
Q16	% of respondents	62.5	37.5	0	0	0	100
	Number of respondents	5	3	0	0	0	8
Q17	% of respondents	62.5	37.5	0	0	0	100
	Number of respondents	5	3	0	0	0	8
Q18	% of respondents	62.5	25	12.5	0	0	100
	Number of respondents	5	2	1	0	0	8
Q19	% of respondents	50	25	12.5	0	12.5	100
	Number of respondents	4	2	1	0	1	8

The course surveyed a total of 8 students (40 % of the students started the course this semester). The results of part 2 (Questions about What Happened during the Course) showed that 100 % students responded to the questions of this part. Overall, 85 % of

responses were “Agree” and favorable toward satisfaction, 12 % of responses were “Neutral”, 5 % of responses were “Disagree”, and 0% had no responses.

Questions 4, 5, 6, 10, 12, 16, and 17 yielded largest number of “Agree” responses with 100 % of respondents agreeing that they were satisfied the expert of the instructor and his availability during office hours, in addition to the course materials, assignments and the development of their skills.

The largest number of “Disagree” responses corresponds to Question 19. Almost 12.5 % of respondents disagreed with the statements indicating that the clarity of the link between the course and other courses of the program.

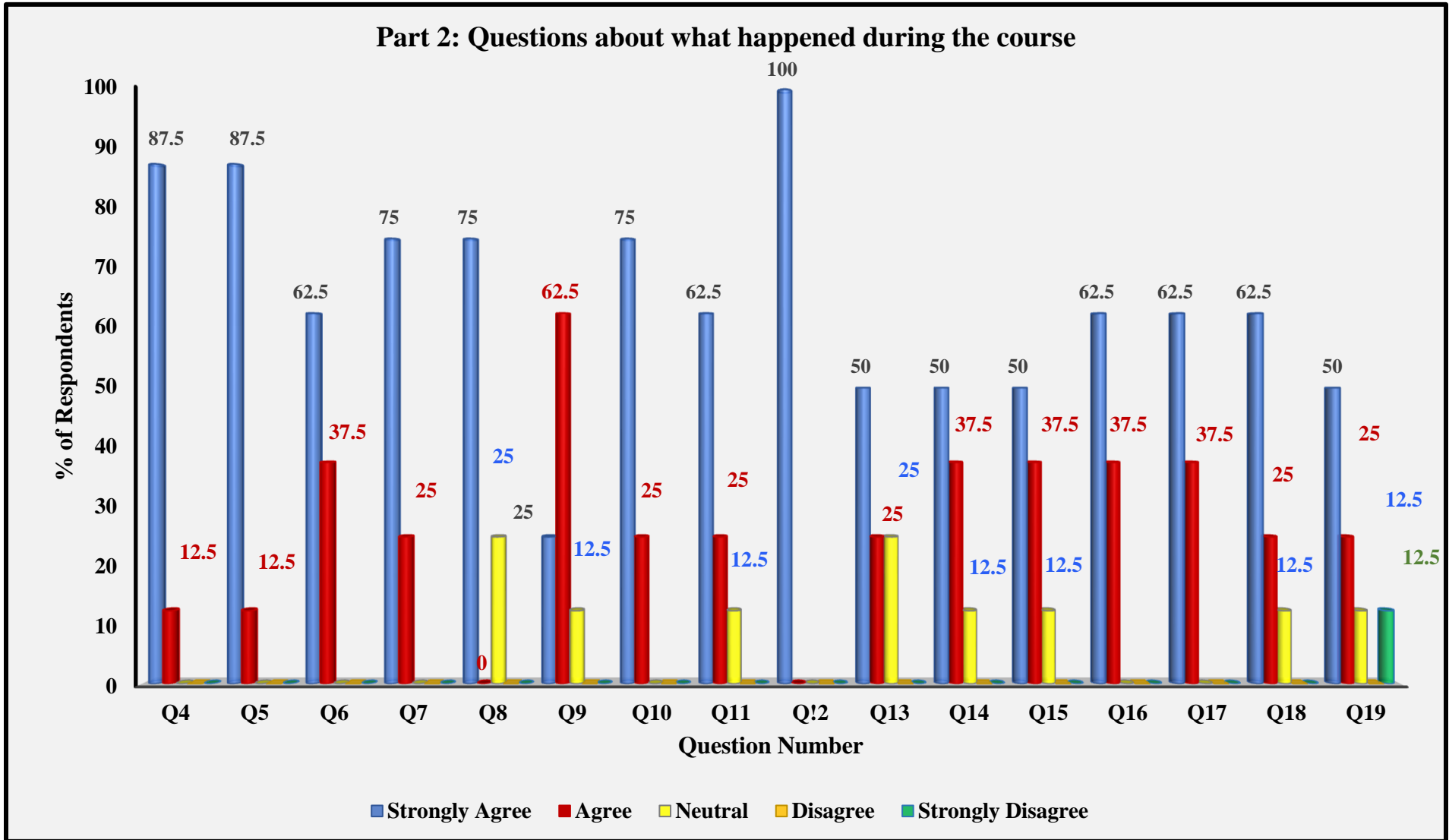


Fig.22: The percent of respondents for each question in Part 2: Questions about What Happened during the Course.

Part 3:

In course evaluation survey, part 3 contains 5 questions about “Evaluation of the Course”. The results are stated below:

Part 3: Evaluation of the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q20	% of respondents	62.5	37.5	0	0	0	100
	Number respondents of	5	3	0	0	0	8
Q21	% of respondents	62.5	25	12.5	0	0	100
	Number respondents of	5	2	1	0	0	8
Q22	% of respondents	62.5	12.5	12.5	12.5	0	100
	Number respondents of	5	1	1	1	0	8
Q23	% of respondents	62.5	25	12.5	0	0	100
	Number respondents of	5	2	1	0	0	8
Q24	% of respondents	50	50	0	0	0	100
	Number respondents of	4	4	0	0	0	8

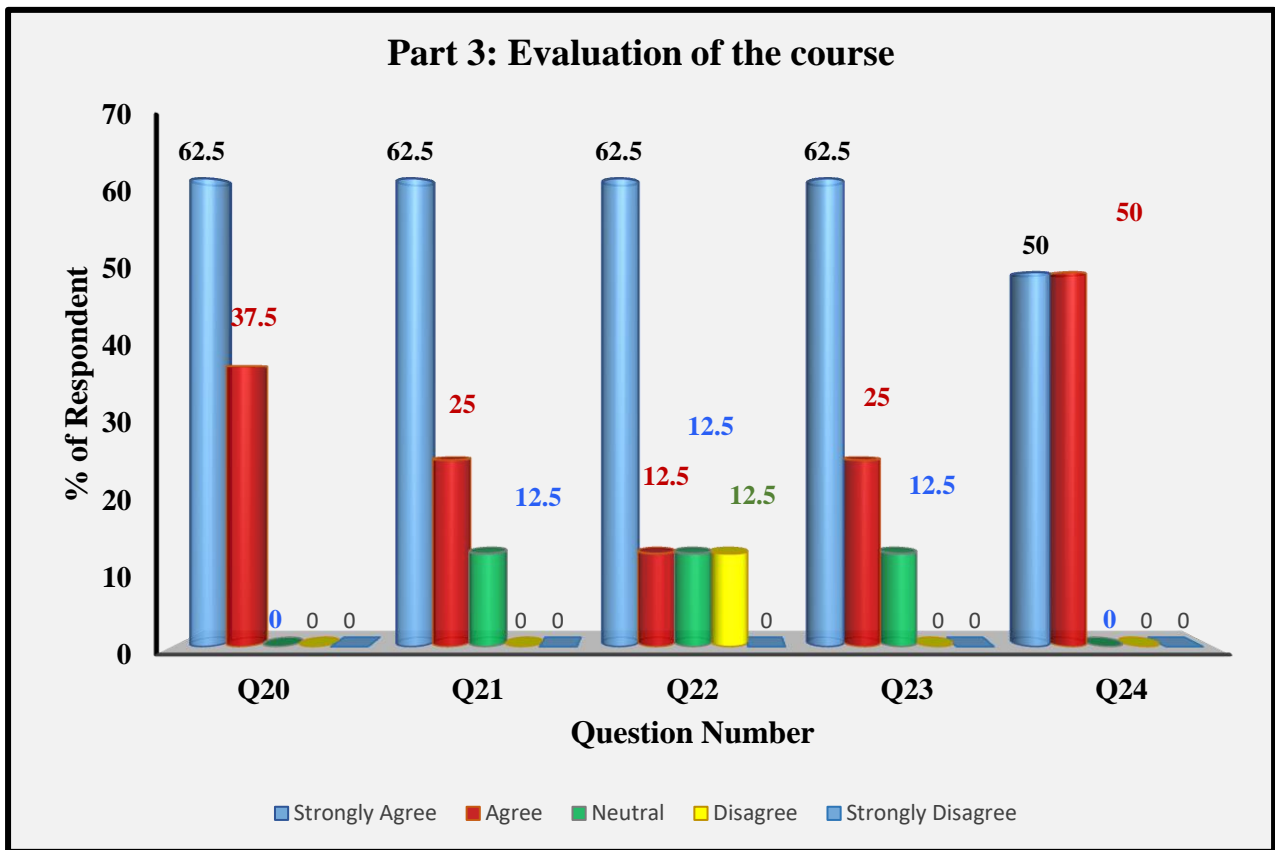


Fig.23: The percent of respondents for each question in Part 3: Evaluation of the Course.

The course surveyed a total of 6 students (40 % of the students started the course this semester). The results of part 3 (Evaluation of the Course) showed that 100 % students responded to the questions of this part. Overall, 82 % of responses were “Agree” and favorable toward satisfaction, 13 % of responses were “Neutral”, 5 % of responses were “Disagree”, and 0% had no responses.

Questions 20, and 24 yielded largest number of “Agree” responses with 100 % of respondents agreeing that improvement of their communication, solving problems, and working in group effectively rather than memorizing knowledge.

About 12.5 % “Disagree” responses recorded from the respondents for Q22, since the students disagreed with the activities improving their communication skills and their experts in field.

Part 4:

Part 4 contains 3 open ended questions asking the students about their likeness and dislikes for the course, in addition to their suggestion for course improvement. 100 % of students responded to these questions. Most of the responses mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

Students also commented on their needs for more workshops, practical activities, and training in field. Moreover, the activities of the course was not enough for them and expressed about their need for more practicing in field and solving problems.

Course Title: Physics of Biomaterials

Course Code: 403496

Instructor: Dr./ Hosam Ibrahim

Survey data were analyzed by computing means, standard deviations, percentages, and counts of survey participants who selected a given response. Additionally, writing responses were reviewed and summarized.

The students taken this survey were 26 in total, and all of them (100%) responded to the survey. 7.7 % of the respondents were in level 6, 76.9 % of respondents were in level 7, while 15.4% were from level 8 (12.5 %). The percent of students participated in this survey for each level is represented in the graph below:

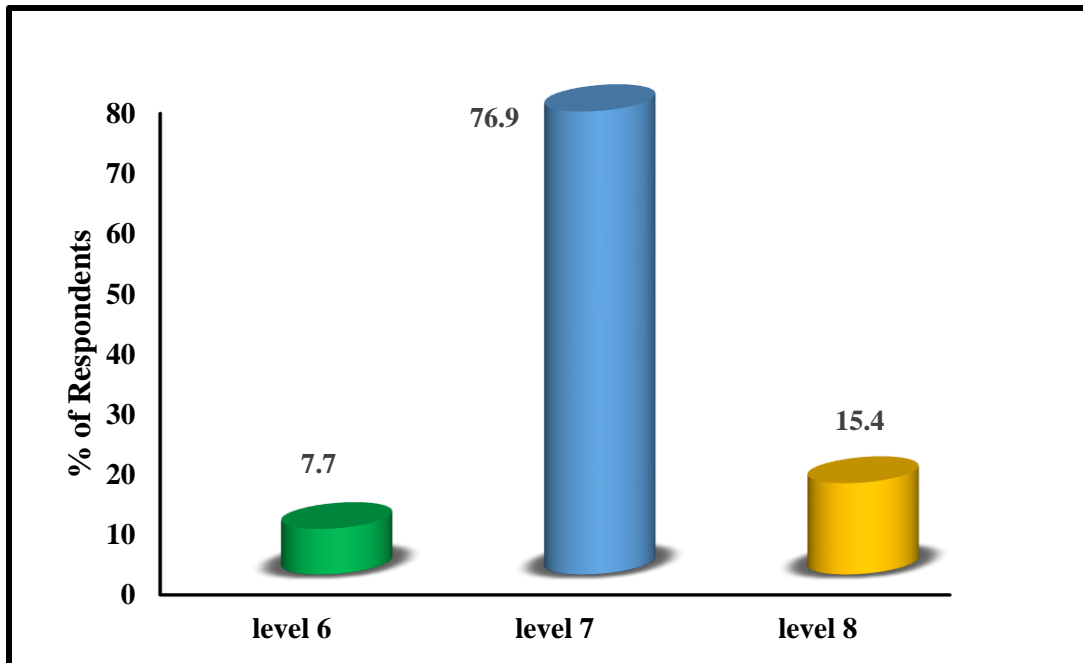


Fig.24: The percent of students participated in Health Physics Course Evaluation Survey for each academic level.

Part 1:

In course evaluation survey, part 1 contains 3 questions about “the start of the course”. The results are stated below:

Part 1: Questions about the start of the course:						
Q. No.	Question 1		Question 2		Question 3	
	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents	Number of respondents	Percent of respondents
Strongly agree	17	65.4	18	69.2	15	57.7
Agree	8	30.8	7	26.9	9	34.6
neutral	1	3.8	1	3.9	2	7.7
Disagree	0	0	0	0	0	0
Strongly Disagree	0	0	0	0	0	0
Total	26	100	26	100	26	100

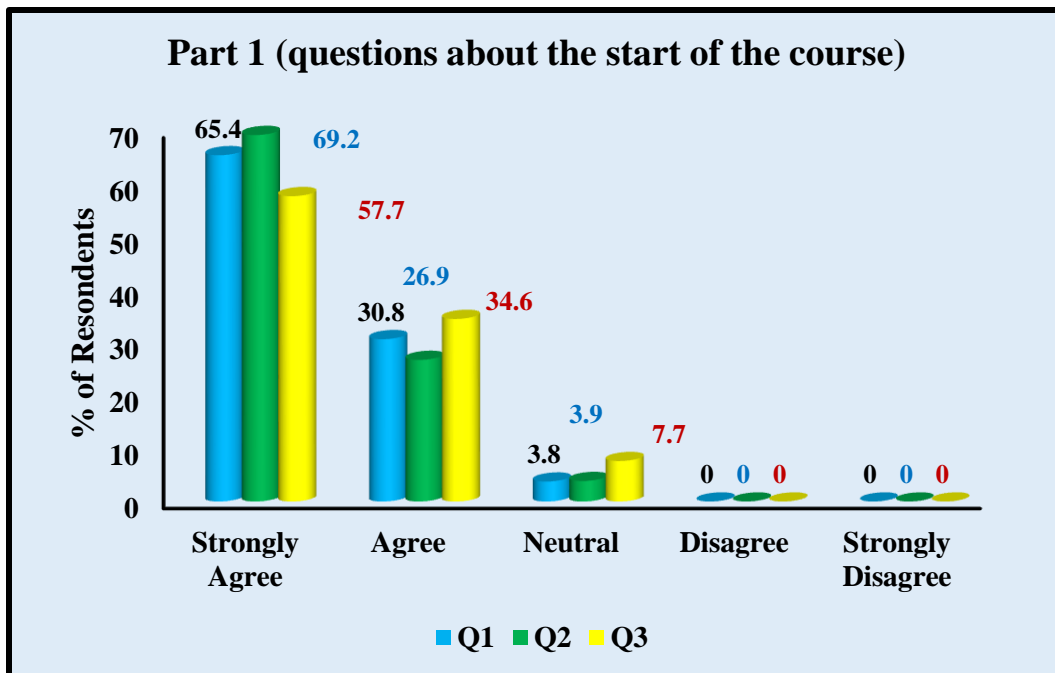


Fig.25: The percent of respondents for each question in Part 1: Questions about the Start of the Course.

The course surveyed by a total of 26 students (100 % of students started the course this semester). The results of part 1 (Questions about the Start of the Course)) showed that 100% students responded to the questions of this part. Overall, 95 % of responses were “Agree” and favorable toward satisfaction, 5 % of responses were “Neutral”, 0 % of responses were “Disagree”, and 0% had no responses.

Questions 1, and 2 yielded largest number of “Agree” responses with 87 % of respondents agreeing about the clarity of both course outline and assessment tasks of the course.

Part 2:

In course evaluation survey, part 2 contains 16 questions about “What Happened during the Course”. The results are stated below:

Part 2: Questions about what happened during the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q4	% of respondents	53.8	23.1	19.2	3.9	0	100
	Number of respondents	14	6	5	1	0	26
Q5	% of respondents	69.2	26.9	0	0	3.9	100
	Number of respondents	18	7	0	0	1	26
Q6	% of respondents	80.8	7.7	7.5	3.9	0	100
	Number of respondents	21	2	2	1	0	26
Q7	% of respondents	61.5	26.9	7.7	3.9	0	100
	Number of respondents	16	7	2	1	0	26
Q8	% of respondents	76.9	15.4	7.7	0	0	100
	Number of respondents	20	4	2	0	0	26
Q9	% of respondents	57.7	30.8	11.5	0	0	100
	Number of respondents	15	8	3	0	0	26

	respondents						
Q10	% of respondents	46.2	34.6	15.4	3.9	0	100
	Number of respondents	12	9	4	1	0	26
Q11	% of respondents	53.8	26.9	15.4	3.9	0	100
	Number of respondents	14	7	4	1	0	26
Q12	% of respondents	69.2	23.1	3.9	0	3.8	100
	Number of respondents	18	6	1	0	1	26
Q13	% of respondents	46.2	34.6	15.4	3.9	0	100
	Number of respondents	12	9	4	1	0	26
Q14	% of respondents	50	42.3	7.7	0	0	100
	Number of respondents	13	11	2	0	0	26
Q15	% of respondents	46.2	30.8	19.2	0	3.9	100
	Number of respondents	12	8	5	0	1	26
Q16	% of respondents	57.7	34.6	3.9	3.9	0	100
	Number of respondents	15	9	1	1	0	26
Q17	% of respondents	76.9	23.1	0	0	0	100
	Number of respondents	20	6	0	0	0	26
Q18	% of respondents	84.6	7.7	3.9	3.8	0	100
	Number of respondents	22	2	2	1	0	26
Q19	% of respondents	50	46.2	3.9	0	0	100
	Number of respondents	13	12	1	0	0	26

The course surveyed a total of 26 students (100 % of the students started the course this semester). The results of part 2 (Questions about What Happened during the Course) showed that 100 % students responded to the questions of this part. Overall, 89 % of

responses were “Agree” and favorable toward satisfaction, 9 % of responses were “Neutral”, 2 % of responses were “Disagree”, and 0% had no responses.

Questions 5, 8,12, 14, 16, 17, and 19 yielded largest number of “Agree” responses with more than 90 % of respondents agreeing that they were satisfied the expert of the instructor and his availability during office hours, in addition to the course materials, assignments and the development of their skills.

Minor percent of respondents (1 student) recorded “Disagree” responses corresponds to Questions 10, 11, 16, 18 and19. Almost 3.9 % of respondents disagreed with the statements indicating that the clarity of the link between the course and other courses of the program and assessment methods.

Part 2: Questions about what happened during the course:

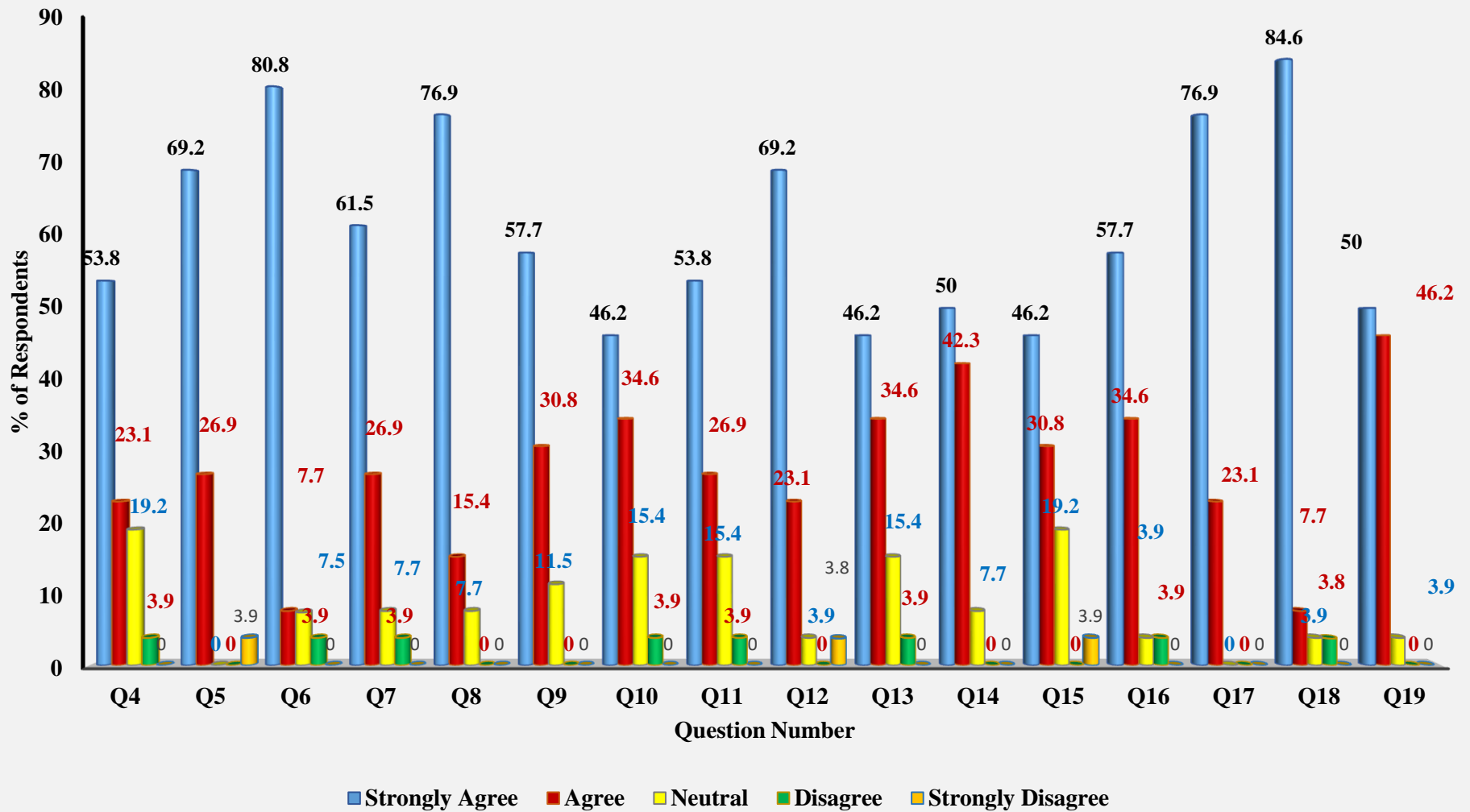


Fig.26: The percent of respondents for each question in Part 2: Questions about What Happened during the Course.

Part 3:

In course evaluation survey, part 3 contains 5 questions about “Evaluation of the Course”. The results are stated below:

Part 3: Evaluation of the course:							
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Q20	% of respondents	57.7	30.8	11.5	0	0	100
	Number of respondents	15	8	3	0	0	26
Q21	% of respondents	38.5	42.3	19.2	0	0	100
	Number of respondents	10	11	5	0	0	26
Q22	% of respondents	42.3	26.9	30.8	0	0	100
	Number of respondents	11	7	8	0	0	26
Q23	% of respondents	34.6	42.3	15.4	7.7	0	100
	Number of respondents	9	11	4	2	0	26
							100

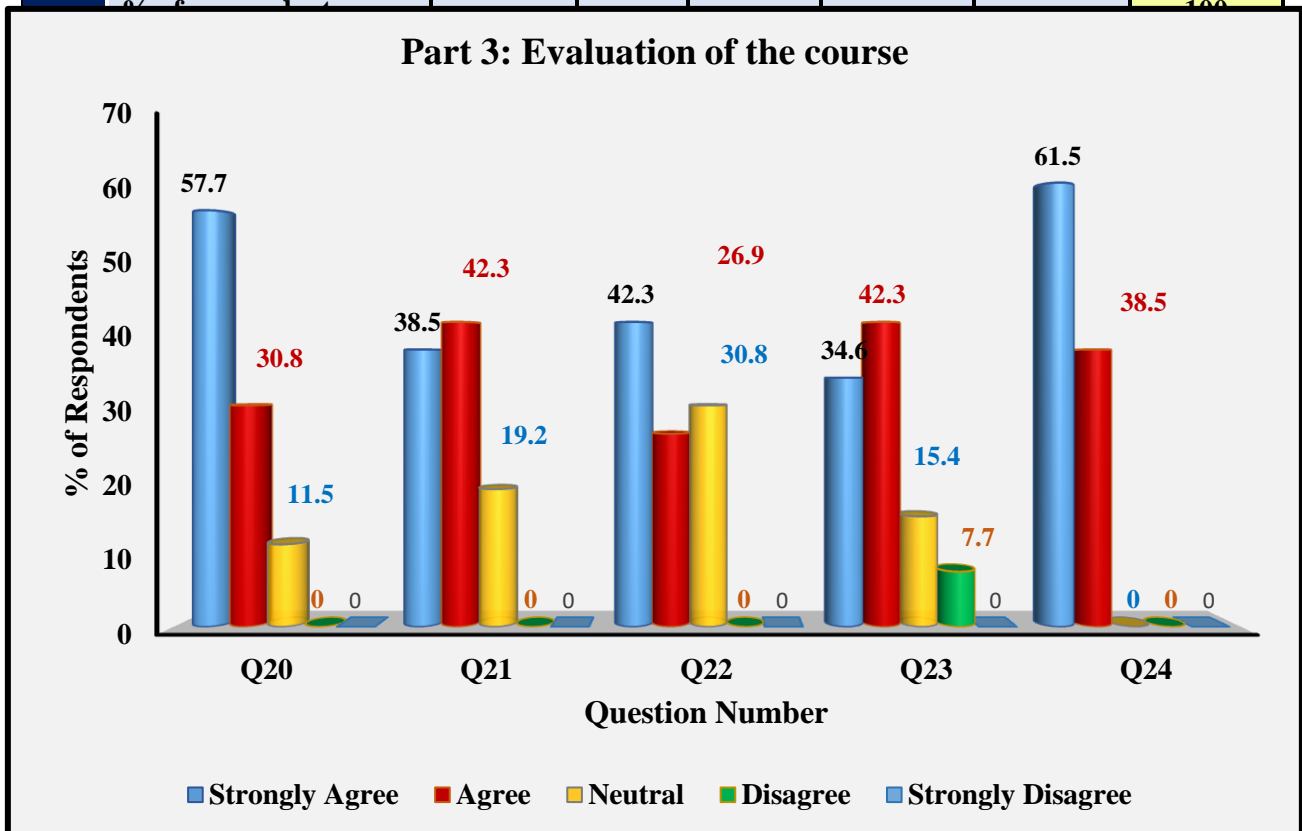


Fig.27: The percent of respondents for each question in Part 3: Evaluation of the Course.

The course surveyed a total of 26 students (100 % of the students started the course this semester). The results of part 3 (Evaluation of the Course) showed that 100 % students responded to the questions of this part. Overall, 83 % of responses were “Agree” and favorable toward satisfaction, 15 % of responses were “Neutral”, 2 % of responses were “Disagree”, and 0% had no responses.

Question 24 yielded largest number of “Agree” responses with 100 % of respondents agreeing that improvement of their communication, solving problems, and working in group effectively rather than memorizing knowledge.

About 7.7 % “Disagree” responses recorded from the respondents for Q23 and expressed their need for more activities in the course to improve their communication skills effectively.

Part 4:

Part 4 contains 3 open ended questions asking the students about their likeness and dislikes for the course, in addition to their suggestion for course improvement. 100 % of students responded to these questions. Most of the responses mentioned that the attitude and character of the instructor influence their ratings most. For example, answers like the instructor being “nice,” “caring about the subject,” and “patient,” were frequent. Many answers also focus on the course itself, whether it was “well organized and structured,” considered “relevant” to the academic program, and “interesting” that improved their skills effectively.

Respondents also commented on their needs for a practical part accompanied with the course. Moreover, some of them suggested that the credit hours of the course were not enough for them and expressed about their need to increase the theoretical part.