

Course Specifications

Course Title: Introduction to Computer	
Course Code: 101CSC-3	
Program: BS in Computer Science BS in Information Technology BS in Computer & Network Engineering	
Department: Computer Science	
College: Computer Science and Information Technology	
Institution: Jazan University, Jazan	











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A. Course Identification

1. (1. Credit hours:			
2. C	Course type			
a.	University $$ College Department Others			
b.	Required √ Elective			
3. I	Level/year at which this course is offered: Level -01 / Year 01			
4. I	4. Pre-requisites for this course (if any): None			
5. (5. Co-requisites for this course (if any): None			

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	16	27%
2	Blended		
3	E-learning		
4	Distance learning	44	73%
5	Other		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	39
2	Laboratory/Studio	13
3	Tutorial	
4	Others (Final Exams and Review)	8
	Total	60

B. Course Objectives and Learning Outcomes

1. Course Description

This course introduces the fundamental concepts and features of Computer. It includes the basics of computer hardware, software, types, peripherals, input/output devices, computer network, computer user/client, computer architecture, storage devices, internet, operating system, programming, data representation, advantages and applications.

2. Course Main Objective

- 1. Discuss the basic hardware and software components of a personal computers and their application.
- 2. Describe how to use the text editor programs, spreadsheets, presentation and databases application programs.
- 3. Illustrate the methods of communication and information gathering using internet.
- 4. Explain the basic fundamentals of data representation, algorithms, flowcharts and computer programming languages.
- 5. Outline the various practical applications of computer skills.

3. Course Learning Outcomes

	Aligned PLOs	
1	Knowledge and Understanding	
1.1	Describe the major components of a personal computer and describe their functionalities.	K1
1.2	Define the different types of system software, programming languages, application software and their functionalities.	K1
2	Skills:	
2.1	Compare various types of network topologies and network.	S 1
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database.	S1
2.3	Apply various data representations, number system and solve given problems.	S 1
2.4	Design algorithms and flowchart for a basic given problem.	S2
3	Values:	
3.1		

C. Course Content

No	List of Topics	Contact Hours
1	Introduction to the world of computers What is a Computer? Hardware Data vs. Information, Software, Computer Users, End users, Programmers, Computer categories 4T+4	
2	The System Unit Processing and Memory: Data and Program Representation, Digital Data Representation, Byte, Bit, Bit pattern, Data Types Data representation Coding Systems for Text-Based Data, Image representation methods, Audio representation, and Video representation The Binary Numbering System Binary Number, Decimal Number, Hexadecimal Number, Octal Number, Binary to Decimal Conversion, Decimal to Binary Conversion, Inside the System Unit, The Motherboard, The CPU, Memory	4T+4P
3	Storage Storage System Characteristics, Magnetic Disks vs. Optical Discs, Magnetic Disk Systems, Floppy Disks and Drives, Hard Disk Drives (HDDs), Optical Disc Systems, Flash Memory Systems	4T+4P
4	Input and Output Keyboard, Pointing device, Electric Pen, Scanners, Readers, Touch, Screen, Output Devices, Monitor, Display Screen, Printers	4T+4P
5	Programming Algorithms, Flowchart, Pseudo Codes, Programming Languages, Machine Languages, Low Level Languages, High Level Languages, and Natural Languages	4T+4P
6	Computer Networks and internet:	2T+2P

	What is a network and internet? What are the benefits? Network Topologies,	
	Star Network, Bus Network, Ring Network, Mesh Network, Types of	
	Network by Size, LAN, WAN and MAN	
	System Software - Operating Systems and Utility Programs: System	
	Software and Application Software, The Operating System, Functions of	
7	an Operating System, Differences Among Operating Systems, Operating	4T+4P
	Systems for Desktop PCs and Servers, Operating Systems for Handheld	
	PCs and Mobile Devices, Utility Programs.	
Total		

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods		
1.0	Knowledge and Understanding				
1.1	Describe the major components of a personal computer and describe their functionalities.	 Online Virtual classes Tutorials Media Lectures On line discussion Lab Demonstration 	Mid-ExamAssignmentFinal Theory		
1.2	Define the different types of system software, operating system, application software and their functionalities.	Online Virtualclasses TutorialsMedia LecturesOn line discussion	 Quiz Assignment Final Theory		
2.0	Skills				
2.1	Compare various types of network topologies and network types.	 Online Virtual classes Tutorials Media Lectures On line discussion Lab Demonstration 	QuizAssignmentFinal PracticalFinal Theory		
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database	Lab Demonstration	• Lab Exam		
2.3	Apply various data representations, number system and solve given problems.	 Online Virtual classes Tutorials Media Lectures On line discussion 	Mid-ExamAssignmentFinal Theory		
2.4	Design algorithms and flowchart for a basic given problem	 Online Virtual classes Tutorials Media Lectures On line discussion 	 Quiz Assignment Final Theory		
3.0	Values				
3.1					

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Mid-Exam	7 th Week	15%
2	Assignment	9 th Week	10%
3	Quiz	10 th Week	5%
4	Attendance	All Weeks	10%
5	Final Practical	14th Week	20%
6	Final Theory	15 th Week	40%
7			

^{*}Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

Department have an arrangement for "Academic Counseling and Support" for each student by the department. The Department Coordinator nominates faculty members for "Student Academic Advisory Committee" every semester. These "Academic Advisors" are responsible for student counseling and advising to a group of fix number of students (around10-15 students) and maintaining students' files. At the beginning of semester and at time of course registration all students take counseling from Academic Advisor according to his previous grades and coverage of pre-requisite course and follow-up.

Also students with GPA below than 2.00are remained under deep observation and continuous meetings with respective course teachers about their performance are arranged to help and support the students. The course teacher is to be associated with this course provide a proper guidance for students who are looking to focus on their future career based on their intellectual interests, identify better opportunities related to this course and connections in their academic fields.

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Understanding Computers Today and Tomorrow, Deborah Morley, Charles S. Parker, Course Technology, Cengage Learning, 15th Edition, 2015, ISBN: 9781285767277.	
Essential References Materials	 Absolute beginner's guide to computer basics, Michael Miller, Que Publishing, 5th edition 2009, ISBN-13:978-0789742537 Step by Step Microsoft Office professional 2010, Joan Lambert and Curtis Frye, Microsoft Press, 1st edition, 2010, ISBN-13:978-0735626966 Foundations of Computer from Data Manipulation to Theory of Computation, Behrouz. A. Forouzan, Thomson Learning 2003, ISBN 0534379680 	
Electronic Materials	These are the few useful magazines that can provide latest trends and development in the field of Computer Science and application: a. PC World b. PC Magazine c. Computer World	

	a. b. c. d. e. f.	URL: http://www.tutorialspoint.com/computer_fundamentals/ URL: https://support.office.com/en-us/office-training-center URL: https://www.gcflearnfree.org/subjects/office/ URL: http://www.gcflearnfree.org/subjects/office/ URL: http://www.comptechdoc.org/basic/index.html URL: http://www.baycongroup.com/el0.htm- Description: Microsoft Excel 2007Tutorial URL: http://deitel.com/books/iw3HTP3/iw3htp3_powerpoin t.zip- Description: Download helping Power Point slides related tocourse URL: http://computer.howstuffworks.com/- Description: Averygoodknowledgerepository URL: http://www.thocp.net/hardware/embedded_computers. htm- Description: Embedded computers URL: https://en.wikipedia.org
Other Learning Materials		

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	 Classroom equipped with projector and whiteboard and sufficient seating arrangements. Lab with software installed and individual computer terminal for each student.
Technology Resources (AV, data show, Smart Board, software, etc.)	 Whiteboards and projectors for classroom and lab Following software for lab work: MS Office
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	None

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods	
Sufficiency of resources and facilities for students	Students	Course evaluation survey form	
Effectiveness of teaching / learning process	Students	Course evaluation survey form	
Effectiveness of teaching / learning process	CRC / QAU / HoD	Course reports / result analysis	
Quality of learning Resources	Track leaders / CRC	Review meetings and star rating with suggestions for further modification and improvements	

Evaluation Areas/Issues	Evaluators	Evaluation Methods	
Verifying standards of student achievement / evaluation	HoD / committee nominated by HoD	Random re-checking of evaluated answer sheets	
Achievement of course learning outcomes	Course Teachers / QAU	CLO assessment template that is further verified at course coordinator and QAU level.	

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	DEPARTMENT COUNCIL
Reference No.	05
Date	WEDNESDAY 06-02-2019







Course Report

Course Title:	Introduction to Computer	
Code:	101CSC-3	
Program:	BS in Computer Science	
	BS in Information Technology	
	BS in Computer Network	
Department:	Computer Science	
Institution:	Jazan University, Jazan	
Academic Year:	2019 – 20	
Semester:	Fall	
Course Coordinator:	Mr. Shiraz Ahmed Maniyar	
Date:	17-12-2019	

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1. Distribution of Grades	4
2. Comment on Student Results	5
3.Recommendations	5
D. Course Learning Outcomes	5
1. Course Learning OutcomesAssessment Results	5
2.Recommendations	6
E. Course Quality Evaluation	6
1. Students Evaluation of the Quality of the Course	6
2. Other Evaluations	6
3.Recommendations:	7
F. Difficulties and Challenges	7
G.Course Improvement Plan	7
1. Course ImprovementActions	7
2. Action Plan for Next Semester/Year	8

A. Course Identification

		Number of		Number of Students	
No	Instructor(s)	Location	Location Sections		Completing the course
01	Shiraz Ahmed Maniyar	Engineering College	1	24	18
02	Abdulrahman Alharbi	Business College	2	45	32
03	Abdulrahman Alharbi	Science College	1	114	99

B. Course Delivery

1. Course Contact Hours (per semester)

No.	Activity	Planned	Actual
1	Lecture	26	26
2	Laboratory/Studio	26	26
3	Tutorial		
4	Others(Specify)	8	8
	Total	60	60

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*
None	None	None None	None None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies	Were They Implemented?		~		~		~		*	*		~		· ·		*		Difficulties Experienced(if any)	Suggested Action
	Yes	No	in Implementation																
Lectures /Presentations	✓																		
Lab Demonstration	✓																		
Tutorials	✓																		
Media Lectures	✓																		
Group discussion	✓	•																	

4. Activities/Assessment Methods

Activities/Planned AssessmentMethods	Were They Implemented?		•		Difficulties Experienced(if	Suggested Action
Activities/1 faimed Assessmentivethous	Yes	No	any) in Implementation	Suggested Metion		
Assignment	✓					
Mid-Exam	✓					
Quiz	✓					
Attendance	✓					
Final Practical	✓					
Final Theory	✓					

5. Verification of Credibility of Students' Results

Method(s) of Verification	Conclusions
Exam committee reviews the totaling of individual answer	No error found
sheets and then HOD verifies the Grade Sheets.	
Student's assessment (Grades sheets) of different groups are	No error found
collected and consolidated by Course Coordinator after that	
present to QAU for further review.	
Final Exam Internal Review Committee reviews the answer	No error found
scripts randomly to verify the standard of evaluation of	
answer scripts.	

6.Recommendations			

C. Student Results

1. Distribution of Grades

		Grades					Status Distributions								
	A+	A	B+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	6	11	9	13	20	12	20	15	18	7	0	0	10 6	18	21
Percentage	5	8	7	10	15	9	15	11	14	4	0	0	67	11	13
1 el centage	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

2. Comment on Student Results

Students depend on old question bank which is old

3. Recommendations

Course coordinator should contact libraries and make sure the material is updated

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

Course learning Outcomes		PLOs			ssment sults	Comment
	(CLOs)		Assessment Methods	Target Level/ Criterio n for Success	Actual Level	Assessment Results
1	Knowledge:					
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware and describe their functionalities.	K1	QuizMid-ExamAssignmentFinal Theory	60%	81.5%	
1.2	Define the different types of system software, programming languages, application software and their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	57.5%	
2	Skills:		•			
2.1	Compare various types of network topologies and networks.	S1	Exam 1Assignment- 1Final Theory Exam	60%	74.69%	
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database.	S1	Exam 1Assignment- 1Final Theory Exam	60%	84.72%	
2.3	Apply various data representation and number and solve given problems.	S1	Exam 1Assignment- 1Final TheoryExam	60%	93.98%	
2.4	Design algorithms and flowchart for a basic given problem.	S2	Exam 1Assignment- 1Final Theory Exam	60%	48.15%	
3	Competence :					

2.Recommendations

- To make students work together in teams.
- To train them for analytical thinking.
- To make public speaking a usual task that's done on regular basis.
- To set homework that requires search in the internet.

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of	Number of	Percen	tage of	Evaluation	
Survey:16/04/2019	Participants:18	Partici	pation:100%	Result:4.0/5.0	
Students Feedback			Course Coordinator/Instructor Comments/Response		
Strengths:					
· ·	ling the knowledge and skills evelop) was made clear to me	the			
•					
Suggestions for Improv • •	ement:				

2. Other Evaluations

(e.g., Evaluations byfaculty, program leaders, peer reviewers, others)

Evaluation method:	Date:
Evaluator (s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	
•	
•	
Areas for improvement:	
•	
•	
G	
Suggestions for Improvement:	
Here your recommendations required	
•	

•		

3.Recommendations:	

F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken
Administrative Issues		
No	No	
Learning Resources		
Lack of reference book in the		Reference books should be
Library.		provided to the students in
		departmental library.
Facilities		1
No	No	
		
		

G.Course Improvement Plan

1. Course ImprovementActions

Recommended Actions	Actions Taken	Results	Comments		
a. Previous course R	a. Previous course Report Recommendations				
Improving the results of weak student	Extra Online sessions arranged for the weak student	Grade Improved			
Faculty Student Interaction	Students welcomed for open discussions	Few students turned up.			

^{*} Add separate table for each evaluation

Recommended Actions	Actions Taken	Results	Comments	
b. Other Improvement Actions*				
List Out				

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility	Time		Needed	
Recommendations	Actions	For Implementation	Start	End	Support	
1. Using Blackboard	BB should be use for uploading additional material, videos can also be upload on BB	Course Coordinator &Course Teachers	2019	2020		
2. Update Course as	Unrelated/ irrelevant	Course				
per Review report	document should be deleted	Coordinator &				
		Course Teachers				
3. Faculty/Student	Welcome students for	All Course				
Interaction	question and answer	Teachers				
	Session.					







Course Report

Course Title:	Introduction to Computer
Code:	101CSC-3
Program:	BS in Computer Science
	BS in Information Technology
	BS in Computer Network
Department:	Computer Science
Institution:	Jazan University, Jazan
Academic Year:	2019 – 20
Semester:	Fall
Course Coordinator:	Mr. Shiraz Ahmed Maniyar
Date:	17-12-2019

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6.Recommendations	4
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2. Other Evaluations	6
3.Recommendations:	7
F. Difficulties and Challenges	7
G.Course Improvement Plan	7
1. Course ImprovementActions	8
2 Action Plan for Next Semester/Year	8

A. Course Identification

			Number of		Number of Students			
No	Instructor(s)	Location	Sections	Starting the	Completing			
			Sections	course	the course			
01	Hassan Abueishah	<mark>Science</mark> College	1	<mark>78</mark>	<mark>68</mark>			

B. Course Delivery

1. Course Contact Hours (per semester)

No.	Activity	Planned	Actual
1	Lecture	26	26
2	Laboratory/Studio	26	26
3	Tutorial		
4	Others(Specify)	8	8
	Total	60	60

2. Topics not Covered

Topics	Topics Reason for Not Covering		Compensating Action*
None	None	None	None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies		e They mented?	Difficulties Experienced(if any)	Suggested Action
	Yes	No	in Implementation	
Lectures /Presentations	✓			
Lab Demonstration	✓			
Tutorials	✓			
Media Lectures	✓			
Group discussion	√			

4. Activities/Assessment Methods

Activities/Planned AssessmentMethods		e They mented?	Difficulties Experienced(if	Suggested Action	
Activities/1 familed /Assessmentivetrious	Yes	No	any) in Implementation	Buggesteu Metion	
Assignment	✓				
Mid-Exam	√				
Quiz	✓				
Attendance	✓				
Final Practical	√				
Final Theory	✓				

5. Verification of Credibility of Students' Results

Method(s) of Verification	Conclusions
Exam committee reviews the totaling of individual answer	No error found
sheets and then HOD verifies the Grade Sheets.	
Student's assessment (Grades sheets) of different groups are	No error found
collected and consolidated by Course Coordinator after that	
present to QAU for further review.	
Final Exam Internal Review Committee reviews the answer	No error found
scripts randomly to verify the standard of evaluation of	
answer scripts.	

6.Recommendati	ions		

C. Student Results

1. Distribution of Grades

Grades									Status Distributions						
	A+	A	B+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	5	2	7	4	7	10	23	4	6	3	0	0	62	6	7
Percentage	7 %	3 %	10 %	6 %	10 %	15 %	34 %	6%	9 %	4%	0%	0%	79 %	0%	9 %

2. Comment on Student Results

(including special factors (if any) affecting the results)

3.Recommendations

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

	Course learning Outcomes (CLOs)				ssment sults	Comment
			Assessment Methods	Target Level/ Criterio n for Success	Actual Level	on Assessment Results
1	Knowledge:					
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware and describe their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	81.5%	
1.2	Define the different types of system software, programming languages, application software and their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	57.5%	
2	Skills:	ı		ı	T	
2.1	Compare various types of network topologies and networks.	S1	Exam 1Assignment- 1Final Theory Exam	60%	74.69%	
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database.	S1	Exam 1Assignment- 1Final Theory Exam	60%	84.72%	
2.3	Apply various data representation and number and solve given problems.	S1	Exam 1Assignment- 1Final TheoryExam	60%	93.98%	
2.4	Design algorithms and flowchart for a basic given problem.	S2	Exam 1Assignment- 1	60%	48.15%	

Course learning Outcomes		PLOs		Assessment Results		Comment	
	(CLOs)	Code	Assessment Methods	Target Level/ Criterio n for Success	Actual Level	Assessment Results	
			• Final Theory Exam				
3	Competence :			<u> </u>			

2. Recommendations

- To make students work together in teams.
- To train them for analytical thinking.
- To make public speaking a usual task that's done on regular basis.
- To set homework that requires search in the internet.

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of	Number of		tage of	Evaluation	
Survey:16/12/2019	Participants:18	Partici	pation:100%	Result:4.0/5.0	
Stud	entsFeedback		Course Coordinator/Instructor Comments/Response		
Strengths:					
	ding the knowledge and skill evelop) was made clear to me				
•					
•					
Areas for improvement	t :				
•					
•					
Suggestions for Improv	rement:				
•					
•					
•				ļ	

2. Other Evaluations

(e.g., Evaluations byfaculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	

•			
Areas for improvement:			
•			
•			
Suggestions for Improvement:			
Here your recommendations required			
•			
•			

F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken
Administrative Issues		<u> </u>
No	No	
Learning Resources		
Lack of reference book in the		Reference books should be
Library.		provided to the students in
		departmental library.
Facilities		
No	No	

G.Course Improvement Plan

^{*} Add separate table for each evaluation

1. Course ImprovementActions

Recommended Actions	Actions Taken	Results	Comments
a. Previous course R	eport Recommend	ations	
Improving the results of weak student	Extra Online sessions arranged for the weak student	Grade Improved	
Faculty Student Interaction	Students welcomed for open discussions	Few students turned up.	
b. Other Improveme	ent Actions*		
List Out			

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility	Time		Needed
Recommendations	Actions For Implementation Start End		End	Support	
1. Using Blackboard	BB should be use for uploading additional material, videos can also be upload on BB	Course Coordinator &Course Teachers	2019	2020	
2. Update Course as	Unrelated/ irrelevant	Course			
per Review report	document should be deleted	Coordinator &			
		Course Teachers			
3. Faculty/Student Interaction	Welcome students for question and answer Session.	All Course Teachers			







Course Report

Course Title:	Introduction to Computer			
Code:	101CSC-3			
Program:	BS in Computer Science			
	BS in Information Technology			
	BS in Computer Network			
Department:	Computer Science			
Institution:	Jazan University, Jazan			
Academic Year:	2019 – 20			
Semester:	Fall			
Course Coordinator:	Mr. Shiraz Ahmed Maniyar			
Date:	28-12-2019			

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1. Course Learning OutcomesAssessment Results	5
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E. Course Quality Evaluation	6
1. Students Evaluation of the Quality of the Course	6
2. Other Evaluations	6
3.Recommendations:	7
F. Difficulties and Challenges	7
G.Course Improvement Plan	7
1. Course ImprovementActions	8
2 Action Plan for Next Semester/Year	8

A. Course Identification

		Location	Number of Sections	Number of Students		
No	Instructor(s)			Starting the	Completing	
				course	the course	
01	Khaled Hasan Alsinjlawi	Science for girls	1	91	88	

B. Course Delivery

1. Course Contact Hours (per semester)

No.	Activity	Planned	Actual
1	Lecture	26	26
2	Laboratory/Studio	26	26
3	Tutorial		
4	Others(Specify)	8	8
	Total	60	60

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*
None	None	None	None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies	Were They Implemented?		•		Difficulties Experienced(if any)	Suggested Action
	Yes	No	in Implementation			
Lectures /Presentations	✓					
Lab Demonstration	✓					
Tutorials	✓					
Media Lectures	✓					
Group discussion	√					

4. Activities/Assessment Methods

Activities/Planned Assessment Methods		e They mented?	Difficulties Experienced(if	Suggested Action	
Activities/1 familieu Assessment ivictious	Yes	No	any) in Implementation	Suggested Action	
Assignment	✓				
Mid-Exam	✓				
Quiz	✓				
Attendance	✓				
Final Practical	✓				
Final Theory	✓				

5. Verification of Credibility of Students' Results

Method(s) of Verification	Conclusions
Exam committee reviews the totaling of individual answer	No error found
sheets and then HOD verifies the Grade Sheets.	
Student's assessment (Grades sheets) of different groups are	No error found
collected and consolidated by Course Coordinator after that	
present to QAU for further review.	
Final Exam Internal Review Committee reviews the answer	No error found
scripts randomly to verify the standard of evaluation of	
answer scripts.	

6.Recommendati	ions		

C. Student Results

1. Distribution of Grades

		Grades								Status Distributions					
	A+	A	B+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	19	24	14	14	5	8	4	0	0	0	0	0	88	0	3
Percentage	22 %	27 %	16 %	16 %	6%	9%	5%	0%	0%	0%	0%	0%	97 %	0%	3%

2. Comment on Student Results

(including special factors (if any) affecting the results)

3.Recommendations

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

	Course learning Outcomes			Assessment Results		Comment
	(CLOs)	Assessment Methods		Target Level/ Criterio n for Success	Actual Level	Assessment Results
1	Knowledge:					
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware and describe their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	81.5%	
1.2	Define the different types of system software, programming languages, application software and their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	57.5%	
2	Skills:	0.1		600/	74.600/	
2.1	Compare various types of network topologies and networks.	S1	Exam 1Assignment- 1Final Theory Exam	60%	74.69%	
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database.	S1	Exam 1Assignment- 1Final Theory Exam	60%	84.72%	
2.3	Apply various data representation and number and solve given problems.	S1	Exam 1Assignment- 1Final TheoryExam	60%	93.98%	
2.4	Design algorithms and flowchart for a basic given problem.	S2	Exam 1Assignment- 1	60%	48.15%	

	Course learning Outcomes (CLOs)	PLOs Code	Assessment Methods	Assessment Results Target Level/ Criterio n for		Comment on Assessment Results
			• Final Theory Exam	Success		
3	Competence :	.L	Lixaiii	<u> </u>	L	

2. Recommendations

- To make students work together in teams.
- To train them for analytical thinking.
- To make public speaking a usual task that's done on regular basis.
- To set homework that requires search in the internet.

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of Survey:	Number of Participants:		tage of pation:	Evaluation Result:	
St	udents Feedback	Course Coordinator/Instructor Comments/Response			
	cluding the knowledge and skills o develop) was made clear to me				
Areas for improvem • •	ent:				
Suggestions for Imp • •	rovement:				

2. Other Evaluations

(e.g., Evaluations byfaculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	

•			
Areas for improvement: • •			
Suggestions for Improvement: Here your recommendations required • •			

3.Recommendations:			

F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken
Administrative Issues		<u> </u>
No	No	
Learning Resources		
Lack of reference book in the		Reference books should be
Library.		provided to the students in
		departmental library.
Facilities		
No	No	

G.Course Improvement Plan

^{*} Add separate table for each evaluation

1. Course Improvement Actions

Recommended Actions	Actions Taken	Results	Comments
a. Previous course R	eport Recommenda	ations	
Improving the	Extra Online	Grade Improved	
results of weak	sessions		
student	arranged for the		
	weak student		
Faculty Student	Students	Few students turned up.	
Interaction	welcomed for		
	open discussions		
b. Other Improveme	nt Actions*		
		 	

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility	Tir	ne	Needed
Recommendations	Actions	For Implementation	Start	End	Support
1. Using Blackboard	BB should be use for uploading additional material, videos can also be upload on BB	Course Coordinator &Course Teachers	2019	2020	
2. Update Course as	Unrelated/ irrelevant	Course			
per Review report	document should be deleted	Coordinator &			
	·				
3. Faculty/Student	Welcome students for	All Course			
Interaction	question and answer Session.	Teachers			







Course Report

Course Title:	Introduction to Computer					
Code:	101CSC-3					
Program:	BS in Computer Science					
	BS in Information Technology					
	BS in Computer Network					
Department:	Computer Science					
Institution:	Jazan University, Jazan					
Academic Year:	2019 – 20					
Semester:	Fall					
Course Coordinator:	Mr. Shiraz Ahmed Maniyar					
Date:	28-12-2019					

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3. Teaching Strategies	3
4. Activities/Assessment Methods	4
5. Verification of Credibility of Students' Results	4
6.Recommendations	4
C. Student Results	4
1. Distribution of Grades	4
2. Comment on Student Results	5
3.Recommendations	5
D. Course Learning Outcomes	5
1. Course Learning OutcomesAssessment Results	5
2.Recommendations	6
E. Course Quality Evaluation	6
1. Students Evaluation of the Quality of the Course	6
2. Other Evaluations	6
3.Recommendations:	7
F. Difficulties and Challenges	7
G.Course Improvement Plan	7
1. Course ImprovementActions	8
2 Action Plan for Next Semester/Year	8

A. Course Identification

			Number of	Number of Students			
No	Instructor(s)	Location	Sections	Starting the Co	Completing		
			Sections	course	the course		
01	Khaled Hasan Alsinjlawi	Science for girls	1	56	50		

B. Course Delivery

1. Course Contact Hours (per semester)

No.	Activity	Planned	Actual
1	Lecture	26	26
2	Laboratory/Studio	26	26
3	Tutorial		
4	Others(Specify)	8	8
	Total	60	60

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*
None	None	None	None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies		e They mented?	Difficulties Experienced(if any)	Suggested Action		
	Yes	No	in Implementation			
Lectures /Presentations	✓					
Lab Demonstration	✓					
Tutorials	✓					
Media Lectures	✓					
Group discussion	✓					

4. Activities/Assessment Methods

Activities/Planned Assessment Methods		e They mented?	Difficulties Experienced(if	Suggested Action		
Activities/1 familieu Assessment ivictious	Yes	No	any) in Implementation	Suggested Action		
Assignment	✓					
Mid-Exam	✓					
Quiz	✓					
Attendance	✓					
Final Practical	✓					
Final Theory	✓					

5. Verification of Credibility of Students' Results

Method(s) of Verification	Conclusions
Exam committee reviews the totaling of individual answer	No error found
sheets and then HOD verifies the Grade Sheets.	
Student's assessment (Grades sheets) of different groups are	No error found
collected and consolidated by Course Coordinator after that	
present to QAU for further review.	
Final Exam Internal Review Committee reviews the answer	No error found
scripts randomly to verify the standard of evaluation of	
answer scripts.	

6.Recommendations

C. Student Results

1. Distribution of Grades

		Grades									Status Distributions				
	A+	A	B+	В	C+	С	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	17	8	9	9	6	0	1	0	0	1	0	0	50	0	5
Percentage	34 %	16 %	18 %	18 %	12 %	0%	2%	0%	0%	2%	0%	0%	89 %	0%	9%

2. Comment on Student Results

(including special factors (if any) affecting the results)

3.Recommendations

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

	Course learning Outcomes (CLOs)				ssment sults	Comment
			PLOs Code Assessment Methods		Actual Level	Assessment Results
1	Knowledge:					
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware and describe their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	81.5%	
1.2	Define the different types of system software, programming languages, application software and their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	57.5%	
2	Skills:	0.1		600/	74.600/	
2.1	Compare various types of network topologies and networks.	S1	Exam 1Assignment- 1Final Theory Exam	60%	74.69%	
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database.	S1	Exam 1Assignment- 1Final Theory Exam	60%	84.72%	
2.3	Apply various data representation and number and solve given problems.	S1	Exam 1Assignment- 1Final TheoryExam	60%	93.98%	
2.4	Design algorithms and flowchart for a basic given problem.	S2	Exam 1Assignment- 1	60%	48.15%	

	Course learning Outcomes	PLOs	Assessment Methods	Assessment Results Target		Comment on	
	(CLOs)		Assessment Methods	Level/ Criterio n for Success	Actual Level	Assessment Results	
			• Final Theory Exam				
3	Competence :				<u></u>		

2. Recommendations

- To make students work together in teams.
- To train them for analytical thinking.
- To make public speaking a usual task that's done on regular basis.
- To set homework that requires search in the internet.

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of Survey:	Number of Participants:	Percenta Participa	,	Evaluation Result:
Students Feedback			Course Coordinator/Instructor Comments/Response	
,	ncluding the knowledge and s to develop) was made clear to			
Areas for improvem	nent:			
Suggestions for Imp • •	rovement:			

2. Other Evaluations

(e.g., Evaluations byfaculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	

•			
Areas for improvement: • •			
Suggestions for Improvement: Here your recommendations required • •			

3.Recommendations:			

F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken
Administrative Issues		<u> </u>
No	No	
Learning Resources		
Lack of reference book in the		Reference books should be
Library.		provided to the students in
		departmental library.
Facilities		
No	No	

G.Course Improvement Plan

^{*} Add separate table for each evaluation

1. Course Improvement Actions

Recommended Actions	Actions Taken	Results	Comments				
a. Previous course R	a. Previous course Report Recommendations						
Improving the	Extra Online	Grade Improved					
results of weak	sessions						
student	arranged for the						
	weak student						
Faculty Student	Students	Few students turned up.					
Interaction	welcomed for						
	open discussions						
b. Other Improveme	b. Other Improvement Actions*						
		 					

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility	Time		Needed
Recommendations	Actions	For Implementation	Start	End	Support
1. Using Blackboard	BB should be use for uploading additional material, videos can also be upload on BB	Course Coordinator &Course Teachers	2019	2020	
2. Update Course as	Unrelated/ irrelevant	Course			
per Review report	document should be deleted	Coordinator &			
		Course Teachers			
3. Faculty/Student	Welcome students for	All Course			
Interaction	question and answer Session.	Teachers			







Course Report

Course Title:	Introduction to Computer
Code:	101CSC-3
Program:	BS in Computer Science
	BS in Information Technology
	BS in Computer Network
Department:	Computer Science
Institution:	Jazan University, Jazan
Academic Year:	2019 – 20
Semester:	Fall
Course Coordinator:	Mr. Shiraz Ahmed Maniyar
Date:	17-12-2019

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3. Teaching Strategies	3
4. Activities/Assessment Methods	4
5. Verification of Credibility of Students' Results	4
6.Recommendations	4
C. Student Results	4
1. Distribution of Grades	4
2. Comment on Student Results	5
3.Recommendations	5
D. Course Learning Outcomes	5
1. Course Learning OutcomesAssessment Results	5
2.Recommendations	6
E. Course Quality Evaluation	6
1. Students Evaluation of the Quality of the Course	6
2. Other Evaluations	6
3.Recommendations:	7
F. Difficulties and Challenges	7
G.Course Improvement Plan	7
1. Course ImprovementActions	8
2 Action Plan for Next Semester/Year	8

A. Course Identification

			Number of	Number of Students		
No	Instructor(s)	Location	Sections	Starting the	Completing	
			Sections	course	the course	
01	Goutham	Science College	4725	85	78	

B. Course Delivery

1. Course Contact Hours (per semester)

No.	Activity	Planned	Actual
1	Lecture	26	26
2	Laboratory/Studio	26	26
3	Tutorial		
4	Others(Specify)	8	8
	Total	60	60

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*	
None	None	None	None	

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies		e They mented?	Difficulties Experienced(if any)	Suggested Action	
	Yes	No	in Implementation		
Lectures /Presentations	✓				
Lab Demonstration	✓				
Tutorials	✓				
Media Lectures	✓				
Group discussion	✓				

4. Activities/Assessment Methods

Activities/Planned AssessmentMethods		e They mented?	Difficulties Experienced(if	Suggested Action
Activities/1 familed /Assessmentivictious	Yes	No	any) in Implementation	buggested rection
Assignment	✓			
Mid-Exam	✓			
Quiz	✓			
Attendance	✓			
Final Practical	✓			
Final Theory	✓			

5. Verification of Credibility of Students' Results

Method(s) of Verification	Conclusions
Exam committee reviews the totaling of individual answer	No error found
sheets and then HOD verifies the Grade Sheets.	
Student's assessment (Grades sheets) of different groups are	No error found
collected and consolidated by Course Coordinator after that	
present to QAU for further review.	
Final Exam Internal Review Committee reviews the answer	No error found
scripts randomly to verify the standard of evaluation of	
answer scripts.	

6.Recommendations			

C. Student Results

1. Distribution of Grades

		Grades								Status Distributions					
	A+	A	B+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	5	8	15	20	12	8	9	1	0	1	0	0	78	0	4
Percentage	6	10	19	25	15	10	11	1	0	1	0	0	92	0	5

2. Comment on Student Results

(including special factors (if any) affecting the results)

3.Recommendations

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

Course learning Outcomes		PLOs			ssment sults	Comment
	(CLOs)		Code Assessment Methods		Actual Level	Assessment Results
1	Knowledge:					
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware and describe their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	87.41%	
1.2	Define the different types of system software, programming languages, application software and their functionalities. Skills:	K1	 Quiz Mid-Exam Assignment Final Theory	60%	66.13%	
	SKIIIS:	G 1		600/	00.100/	
2.1	Compare various types of network topologies and networks.	S1	Exam 1Assignment- 1Final Theory Exam	60%	88.19%	
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database.	S1	Exam 1Assignment- 1Final Theory Exam	60%	92.24%	
2.3	Apply various data representation and number and solve given problems.	S1	Exam 1Assignment- 1Final TheoryExam	60%	90.72%	
2.4	Design algorithms and flowchart for a basic given problem.	S2	Exam 1Assignment- 1	60%	66.67%	

	Course learning Outcomes	PLOs		Assessment Results		Comment on Assessment Results	
	Course learning Outcomes (CLOs)		Assessment Methods	Target Level/ Criterio n for Success	Actual Level		
			• Final Theory Exam				
3	Competence :			<u> </u>			

2. Recommendations

- To make students work together in teams.
- To train them for analytical thinking.
- To make public speaking a usual task that's done on regular basis.
- To set homework that requires search in the internet.

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of	Number of	Percen	tage of	Evaluation
Survey:16/04/2019	Participants:18	Partici	pation:100%	Result:4.0/5.0
Stud	entsFeedback	Course Coordinator/Instructor Comments/Response		
Strengths:				
	ding the knowledge and skill evelop) was made clear to m			
Areas for improvemen	t:			
•				
•				
Suggestions for Improv	vement:			
•				
•				
•				

2. Other Evaluations

(e.g., Evaluations byfaculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	

•				
Areas for improvement: •				
•				
Suggestions for Improvement: Here your recommendations required				
•				

F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken
Administrative Issues		<u> </u>
No	No	
Learning Resources		
Lack of reference book in the		Reference books should be
Library.		provided to the students in
		departmental library.
Facilities		
No	No	

G.Course Improvement Plan

^{*} Add separate table for each evaluation

1. Course ImprovementActions

Recommended Actions	Actions Taken	Results	Comments				
a. Previous course R	a. Previous course Report Recommendations						
Improving the results of weak student	Extra Online sessions arranged for the weak student	Grade Improved					
Faculty Student Interaction	Students welcomed for open discussions	Few students turned up.					
b. Other Improveme	ent Actions*						
List Out							

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility	Time		Needed
Recommendations	endations Actions For Implementation		Start	End	Support
1. Using Blackboard	BB should be use for uploading additional material, videos can also be upload on BB	Course Coordinator &Course Teachers	2019	2020	
2. Update Course as	Unrelated/ irrelevant	Course			
per Review report	document should be deleted	Coordinator &			
		Course Teachers			
3. Faculty/Student Interaction	Welcome students for question and answer Session.	All Course Teachers			







Course Report

Course Title:	Introduction to Computer	
Code:	101CSC-3	
Program:	BS in Computer Science	
	BS in Information Technology	
	BS in Computer Network	
Department:	Computer Science	
Institution:	Jazan University, Jazan	
Academic Year:	2019 – 20	
Semester:	Fall	
Course Coordinator:	Mr. Shiraz Ahmed Maniyar	
Date:	17-12-2019	

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1. Distribution of Grades	4
2. Comment on Student Results	5
3.Recommendations	5
D. Course Learning Outcomes	5
1. Course Learning OutcomesAssessment Results	5
2.Recommendations	6
E. Course Quality Evaluation	6
1. Students Evaluation of the Quality of the Course	6
2. Other Evaluations	6
3.Recommendations:	7
F. Difficulties and Challenges	7
G.Course Improvement Plan	7
1. Course ImprovementActions	8
2 Action Plan for Next Semester/Year	8

A. Course Identification

			Number of	Number o	f Students
No	Instructor(s)	Location	Sections	Starting the	Completing
			Sections	course	the course
01	<mark>Zaid Hakami</mark>	ScienceCollege	(3)(61)(60)(10)	<mark>187</mark>	<mark>170</mark>

B. Course Delivery

1. Course Contact Hours (per semester)

No.	Activity	Planned	Actual
1	Lecture	26	26
2	Laboratory/Studio	26	26
3	Tutorial		
4	Others(Specify)	8	8
	Total	60	60

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*
None	None None	None None	None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies	Were They Implemented?		•		Difficulties Experienced(if any)	Suggested Action
	Yes	No	in Implementation			
Lectures /Presentations	✓					
Lab Demonstration	✓					
Tutorials	✓					
Media Lectures	✓					
Group discussion	✓					

4. Activities/Assessment Methods

Activities/Planned AssessmentMethods	Were They Implemented? Yes No		Difficulties Experienced(if	Suggested Action
Activities/1 familed /Assessmentivictious			any) in Implementation	buggested rection
Assignment	✓			
Mid-Exam	✓			
Quiz	✓			
Attendance	✓			
Final Practical	✓			
Final Theory	✓			

5. Verification of Credibility of Students' Results

Method(s) of Verification	Conclusions
Exam committee reviews the totaling of individual answer	No error found
sheets and then HOD verifies the Grade Sheets.	
Student's assessment (Grades sheets) of different groups are	No error found
collected and consolidated by Course Coordinator after that	
present to QAU for further review.	
Final Exam Internal Review Committee reviews the answer	No error found
scripts randomly to verify the standard of evaluation of	
answer scripts.	

	6.Recommendations
I	

C. Student Results

1. Distribution of Grades

		Grades					Status Distributions								
	A+	A	B+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	22	17. 6	37	33	33	32	19	4	0	6	0	0	17 0	0	11
Percentage	11. 7 %	6 %	19. 7%	17. 6%	17. 6%	17. 11 %	10. 1%	2.1 %	0 %	3.2 %	0%	0%	91 %	0%	5.8 %

2. Comment on Student Results

(including special factors (if any) affecting the results)

3.Recommendations

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

Course learning Outcomes		Course learning Outcomes PLOs			ssment sults	Comment
	(CLOs)		Assessment Methods	Target Level/ Criterio n for Success	Actual Level	Assessment Results
1	Knowledge:					
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware and describe their functionalities.	K1	 Quiz Mid-Exam Assignment Final Theory	60%	81.5%	
1.2	Define the different types of system software, programming languages, application software and their functionalities. Skills:	tware, programming languages, olication software and their ctionalities. • Mid-Exam • Assignment • Final Theory		60%	57.5%	
	Skiiis:	G 1		600/	74.600/	
2.1	Compare various types of network topologies and networks.	S1	Exam 1Assignment- 1Final Theory Exam	60%	74.69%	
2.2	Demonstrate the working of M.S. office application software for text editing, spreadsheet, presentation and database.	S1	Exam 1Assignment- 1Final Theory Exam	60%	84.72%	
2.3	Apply various data representation and number and solve given problems.		Exam 1Assignment- 1Final TheoryExam	60%	93.98%	
2.4	Design algorithms and flowchart for a basic given problem.	S2	Exam 1Assignment- 1	60%	48.15%	

	Course learning Outcomes	PLOs		Assessment Results		Comment	
(CLOs)		Code	Assessment Methods	Target Level/ Criterio n for Success	Actual Level	Assessment Results	
			• Final Theory Exam				
3	Competence :			<u> </u>			

2. Recommendations

- To make students work together in teams.
- To train them for analytical thinking.
- To make public speaking a usual task that's done on regular basis.
- To set homework that requires search in the internet.

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of	Number of	Percen	tage of	Evaluation
Survey:16/04/2019	Participants:18	Partici	pation:100%	Result:4.0/5.0
Stud	entsFeedback	Course Coordinator/Instructor Comments/Response		
Strengths:				
	ding the knowledge and skill evelop) was made clear to m			
Areas for improvemen	t:			
•				
•				
Suggestions for Improv	vement:			
•				
•				
•				

2. Other Evaluations

(e.g., Evaluations byfaculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	

•			
Areas for improvement:			
•			
•			
Suggestions for Improvement:			
Here your recommendations required			
•			
•			

F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken
Administrative Issues		<u> </u>
No	No	
Learning Resources		
Lack of reference book in the		Reference books should be
Library.		provided to the students in
		departmental library.
Facilities		
No	No	

G.Course Improvement Plan

^{*} Add separate table for each evaluation

1. Course ImprovementActions

Recommended Actions	Actions Taken	Results	Comments					
a. Previous course Report Recommendations								
Improving the results of weak student	Extra Online sessions arranged for the weak student	Grade Improved						
Faculty Student Interaction	Students welcomed for open discussions	Few students turned up.						
b. Other Improveme	ent Actions*							
List Out								

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility For	Tiı	ne	Needed
Recommendations	Recommendations Actions		Start	End	Support
1. Using Blackboard	BB should be use for uploading additional material, videos can also be upload on BB	Course Coordinator &Course Teachers	2019	2020	
2. Update Course as	Unrelated/ irrelevant	Course			
per Review report	document should be deleted	Coordinator &			
		Course Teachers			
3. Faculty/Student Interaction	Welcome students for question and answer Session.	All Course Teachers			



المملكة العربية السعودية وزارة التعليم - جامعة جازان كلية علوم الحاسب وتقنية المعلومات

MIDTERM EXAMINATION QUESTION PAPER

	Т	Term: (☑ Fa	ılı / □Sp	ring)		Academic Y	Year: 201	19 - 2020	
Section Cour	on Nu se Na	ame:	tion to Comp	outer	Student ID: Level: 1 Course Code: 101CSC - 3 tion: 1 Hour. Start Time: 12:00 PM Marks:				
Cho	•	2 سؤال / 15 در. he correct a	,	n the multipl		حة من الاختياران		فتر/ اختاري رمز الاج estions / 15 marks)	
No.				C	UESTION				
1			_	le, electronic do ults as needed Hardware		ccepts data, pe	rforms op	erations on that Router	
2	A-	Knowledge	aw, unorganiz	zed facts. Data	C-	Information	D-	Bit pattern	
3	 A-	is an inp	out device. B-	Printer	C-	Modem	D-	Keyboard	
4	Trans	sistors used in First	1 the B-	generation of Second	_	rs. Third	D-	Fourth	
5				al parts of a co	-	Software	D-	Information	
6	 A-	Super	puter is a sma	all computer de Mainframe	•	e used by one p	person at a	Embedded	
7	Com A-	puter Analysts	are peo	Ople who use a Users	-	o obtain inform Professionals	nation. D-	Engineers	
8	Stora A-	age System ca internal	n be:	external	C-	remote	D-	All	

		information	n that	contains numbers, t	ext, i	images, audio, and v	/ideo					
9	A-	Software	B-	Data	C-	Programs	D-	Multimedia				
10	Deci	mal numbering system	symb	ols are:								
10	A-	(0 – 10)	B-	(1 – 10)	C-	(0 – 9)	D-	(1-9)				
11		disc can be read from, but not written to, by the user										
11	A-	Read Only	B-	Recordable	C-	Rewritable	D-	Register				
12	Bitm	ap and Vector coding s	system	s are use to represe	nt	••••••						
12	A-	text	B-	audio	C-	video	D-	image				
13	Byte	= bits.										
13	A-	7	B-	8	C-	16	D-	32				
1/1	is a temporary and volatile memory, its contents is lost when the computer is shut off.											
14	A-	ROM	B-	Register	C-	RAM	D-	Flash				
15	Hard	disks are divided into										
	A-	Tracks	B-	Sectors	C-	Clusters	D-	All				
16	Mon	itors, printers, speaker	s and	projectors are	•••••	devices.						
10	Α-	Input	B-	Output	C-	Storage	D-	Processing				
17		logically divid	des the	e physical capacity o	f a si	ngle drive into sepa	rate	areas.				
	A-	Partitioning	B-	Deleting	C-	Recording	D-	Erasing				
18	CD, E	OVD and BD are	disc	s								
10	A-	Optical	B-	Magnetic	C-	Solid-State	D-	Metal				
19	The r	result of converting the	e binar	y number (10011) ₂ t	o de	cimal is:						
	A-	18	B-	19	C-	21	D-	23				
		A- 18 B- 19 C- 21 D- 23										
20	The	result of converting the	e decir	nal number (14) ₁₀ to	o bin	ary is:						

***** Good Luck *****



المملكة العربية السعودية وزارة التعليم - جامعة جازان كلية علوم الحاسب وتقنية المعلومات

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Section Cour	on Nu se Na	ame:	tion to Com		Level Cour	se Code: 101C	SC - 3		15		
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3	 A-	is an inp	ut device. B-	Printer	C-	Modem	D-	Keyboard			
4	Tran	sistors used in	the	generation	of compute	rs.					
4	A-	First	B-	Second	C-	Third	D-	Fourth			
5				cal parts of a co	-	Software	D-	Information			
6	A-	Super	puter is a sm B-	all computer d Mainframe	•	e used by one personal	person at a	a time. Embedded			
7	Com A-	puter Analysts	are pe B-	ople who use a	-	o obtain inform Professionals		Engineers			
8	Stora A-	age System ca	n be:	external	C-	remote	D-	All			

	•••••	information	n that	contains numbers, t	ext, i	mages, audio, and v	/ided).					
9	A-	Software	B-	Data	C-	Programs	D-	Multimedia					
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11	A-	Read Only	B-	Recordable	C-	Rewritable	D-	Register					
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12	A-	text	B-	audio	C-	video	D-	image					
13	Byte	= bits.											
13	A-	7	B-	8	C-	16	D-	32					
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14	A-	ROM	B-	Register	C-	RAM	D-	Flash					
15	Hard	disks are divided into											
13	A-	Tracks	B-	Sectors	C-	Clusters	D-	All					
16	Mon	Monitors, printers, speakers and projectors are devices.											
10	A-	Input	B-	Output	C-	Storage	D-	Processing					
17		logically divides the physical capacity of a single drive into separate areas.											
17	A-	Partitioning	B-	Deleting	C-	Recording	D-	Erasing					
18	CD, E	OVD and BD are	disc	5									
10	A-	Optical	B-	Magnetic	C-	Solid-State	D-	Metal					
19	The r	esult of converting the	binar	y number (10011) ₂ t	o de	cimal is:							
19	A-	18	B-	19	C-	21	D-	23					
20	The	esult of converting the	e decin	nal number (14) ₁₀ to	bin	ary is:							
20	A-	1111	B-	1011	C-	1110	D-	1001					

اختر/اختاري رمز الاجابة الصحيحة من الاختيارات الموجودة ومن ثم ظلل / ظللي الرمز الصحيح على ورقة الاجابة

Choose the correct answer from the multiple choices then fill in answer sheet.

No	QUESTION											
1	•••••	are data tl	hat ha	s been processed into	o a m	eaningful form						
1	А-	Software	B-	Information	C-	Knowledge	D-	Data				
2	Com	Computer professionals include:										
2	A-	security specialist	B-	systems analysts	C-	programmers	D-	All				
3	The i	integrated circuits (I	(Cs) u	sed in the	genei	ration computers.						
3	A-	first	B-	second	C-	third	D-	fourth				
4												
_	A-	Super	B-	Embedded	C-	Personal	D-	Mainframe				
5	are the programs or instructions used to tell the computer hardware what to do.											
3	A-	Internet	B-	Hardware	C-	Software	D-	operating system				
6	Keyb	ooard, Mouse, Scann	er ar	e Devices								
	A-	Input	B-	Output	C-	Storage	D-	Processing				
7	Wor	Word processing, playing a game, preparing taxes and browsing the web are software										
,	A-	Application	B-	System	C-	Internet	D-	Analysis				
8	The	result of converting	the bi	nary number (1011) ₂	to de	ecimal is:						
o .	A-	7	B-	9	C-	11	D-	12				
9	Octa	l numbering system	symb	ols are:								
	A-	1 to 8	B-	0 to 8	C-	1 to 7	D-	0 to 7				
10	•••••	is the smallest u	nit of	data that a binary co	ompu	ter can recognize	(a sin	gle 1 or 0).				
10	A-	Kilobyte	B-	Byte	C-	Bit	D-	Megabyte				
11	The	functions of operatir	ng sys	tem is / are:								
11	А-	File Management	B-	Security	C-	Booting	D-	All				
12	Whic	ch of the following is	/ are	type of data?								
12	A-	Text	B-	Image	C-	Video	D-	All				
13	•••••	is a pict	orial ı	representation of an	algor	ithm.						
13	A-	Flowchart	B-	Algorithm	C-	Pseudocode	D-	None of these				

14	•••••	use charge	d liqu	ıid crystals between s	heets	s of glass or plastic	2.				
14	A-	Mouse	B-	LCD	C-	Scanner	D-	LED			
15	••••	discs store	data	using laser beams.							
13	A-	Magnetic	B-	Optical	C-	Flash	D-	Electron			
16	Inpu	t device that reads p	rintec	l text and graphics ar	nd tra	ansfers them to a c	comp	uter in digital form			
10	A-	Monitor	B-	Touch Screen	C-	Mouse	D-	Scanner			
17	•••••	printer uses tone	er pov	vder and technology	simil	ar to a photocopie	r to p	oroduce images.			
17	A-	3D	B-	Photo	C-	Laser	D-	Ink-jet			
18	The	only language under	stood	by a computer is	•••••	language	e				
	A-	High level	B-	Machine	C-	Natural	D-	Assembly			
19	•••••	is somethin	g stor	ed on a storage medi	um, s	such as a program	, doc	ument, or image			
	A-	File	B-	Folder	C-	Desktop	D-	All			
20	Whic	ch of the following is	/are l	oiometric data?							
20	A-	Fingerprint	B-	Iris of the eye	C-	Voice	D-	All			
21	••••	is a displa	y dev	ice that projects all c	ompi	uter output to a wa	all or	projection screen			
21	A-	Scanner	B-	Data Projector	C-	OMR	D-	Printer			
22	A sp	ecial program called	an	is used to tra	nslat	e symbolic code in	to m	achine language.			
	A-	Assembler	B-	Developer	C-	Compiler	D-	Coder			
23	•••••	the primary PC operating system developed by Microsoft Corporation.									
	A-	Mac OS	B-	Unix	C-	Windows	D-	Symbian OS			
24	In	network	the d	levices connected in a	clos	ed loop.					
	A-	Mesh	B-	Bus	C-	Star	D-	Ring			
25	C, C	++ and Java are	•••••	Lang	uage	s.					
	A-	Low Level	B-	High Level	C-	Assembly	D-	Machine			
26	Whi	ch of the following is	s/are o	output devices?							
	A-	Printer	B-	Monitor	C-	Speaker	D-	All			
27	••••	D	iscs c	an be recorded on, er	ased	, and overwritten	just l	ike magnetic discs.			
21	A-	Recordable	B-	Read-Only	C-	Rewritable	D-	All			
28	•••••	is a step b	y ste	p method for solving	a pro	oblem or doing a ta	ask.				
20	A-	Flowchart	B-	Algorithm	C-	Compiler	D-	Pseudocode			

29	, and other symbols										
<i></i>	A-	Keyboard	B-	OMR	C-	Mouse	D-	RFID			
30	•••••	is an Engl	ish lil	ke representation of a	n alg	gorithm					
<i>3</i> 0	A-	Flowchart	B-	Algorithm	C-	Compiler	D-	Pseudocode			
31		is a network that connects devices located in a large geographical area									
31	A-	LAN	B-	MAN	C-	WAN	D-	All			
32	Which of the following is an operating system for mobile phone?										
34	A-	Windows	B-	Mac	C-	IPhone OS	D-	DOS			
	is a collection of computers and other devices that are connected together to										
33	share	e hardware and softv	vare								
	A-	Operating system	В-	Computer Network	C-	Hardware	D-	Utility program			
34	A net	A network uses a central or host device (like hub or router) connected directly to other devices.									
J T	A-	Star	B-	Bus	C-	Mesh	D-	Ring			
35	•••••	is an older oper	rating	system created for II	BM a	and used a comma	nd-li	ne interface			
	A-	Unix	B-	Mac	C-	Windows	D-	DOS			
36	•••••	network consisting of a central cable to which all network devices are attached.									
<i>J</i> u	A-	Star	B-	Bus	C-	Mesh	D-	Ring			
37	••••	is a network th	at co	nnects devices located	l in a	small geographic	al are	ea.			
31	A-	LAN	B-	MAN	C-	WAN	D-	None of these			
38	•••••	is the largest computer network in the world.									
30	A-	LAN	B-	Router	C-	Internet	D-	MAN			
39	•••••	is a version	ı (flav	vor) of UNIX availabl	e wit	thout charge over	the I	nternet			
39	A-	Mac OS	B-	Linux	C-	Windows	D-	Symbian OS			
	••••	is a co	llection	on of programs that r	nana	ge and coordinate	the a	activities taking			
40	place	e within a computer s	systen	a.							
	A-	Hardware	B-	Operating system	C-	Driver	D-	Utility Program			

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Choose the correct answer from the multiple choices.

No	QUESTION											
1	•••••	are data t	hat ha	s been processed int	o a m	eaningful form						
1	A-	Software	B-	Information	C-	Knowledge	D-	Data				
2	Com	puter professionals	includ	le:								
4	A-	security specialist	B-	systems analysts	C-	programmers	D-	All				
3	The	integrated circuits (l	(Cs) u	sed in the	gener	ration computers.						
3	A-	first	B-	second	C-	third	D-	fourth				
4	Computer is the fastest, most expensive, most powerful type of computer											
4	A-	Super	B-	Embedded	C-	Personal	D-	Mainframe				
5	•••••	are the prog	grams	or instructions used	to tel	l the computer ha	rdwa	re what to do.				
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	A-	Unix	B-		C-	Windows	D-	DOS		
35	A-	Unix	B-	Mac	C- ch al	Windows	D- are a	DOS		
36	A- 	Unix network consistin Star	B- ng of a B-	Mac a central cable to whi	C- ch al C-	Windows I network devices Mesh	D- are a D-	ttached. Ring		
	A- A-	Unix network consistin Star	B- ng of a B-	Mac a central cable to whi	C- ch al C- l in a	Windows I network devices Mesh	D- are a D-	ttached. Ring		
36	A- A- A-	Unix network consisting Star is a network the	B- ng of a B- nat con B-	Mac a central cable to whi Bus anects devices located	C- ch al C- l in a	Windows I network devices Mesh small geographic WAN	D- are a D- al are	ttached. Ring		
36	A- A- A-	Unix network consisting Star is a network the LAN is the large	B- ng of a B- nat con B- gest co	Mac a central cable to whi Bus anects devices located MAN	C- ch al C- l in a C-	Windows I network devices Mesh small geographic WAN orld.	D- are a D- al are	ttached. Ring		
36 37 38	A- A- A-	Unix network consisting Star is a network the LAN is the large LAN	B- ng of a B- nat con B- gest co	Mac a central cable to whi Bus annects devices located MAN omputer network in t	C- ch al C- l in a C- he w	Windows I network devices Mesh small geographic WAN orld. Internet	D- are a D- al arc D-	DOS ttached. Ring ea. None of these MAN		
36	A- A- A-	Unix network consisting Star is a network the LAN is the large LAN	B- ng of a B- nat con B- gest co	Mac a central cable to whi Bus nnects devices located MAN omputer network in t	C- ch al C- l in a C- he w C-	Windows I network devices Mesh small geographic WAN orld. Internet	D- are a D- al arc D-	DOS ttached. Ring ea. None of these MAN		
36 37 38	A- A- A- A-	Unix network consisting Star is a network the LAN LAN LAN LAN LAN LAN Mac OS	B- ng of a B- nat con B- gest co B- n (flav	Mac a central cable to whi Bus anects devices located MAN amputer network in t Router or) of UNIX available	C- ch al C- l in a C- che with	Windows I network devices Mesh small geographic WAN orld. Internet thout charge over Windows	D- are a D- al are D- the In	ttached. Ring ea. None of these MAN nternet Symbian OS		
36 37 38	A- A- A- A- A-	Unix network consisting Star is a network the LAN LAN LAN LAN LAN LAN Mac OS	B- ng of a B- nat con B- gest co B- n (flav B-	Mac a central cable to whi Bus annects devices located MAN amputer network in t Router aror) of UNIX available Linux an of programs that i	C- ch al C- l in a C- che with	Windows I network devices Mesh small geographic WAN orld. Internet thout charge over Windows	D- are a D- al are D- the In	ttached. Ring ea. None of these MAN nternet Symbian OS		

نهاية الأسئلة







Course Report

Course Title:	Introduction to Computer
Code:	101-CSC-3
	BS in Computer Science
Program:	BS in Information Technology
	BS in Computer Network
Department:	Computer Science
Institution:	Jazan University, Jazan
Academic Year:	2019-20
Semester:	Spring Term(2020-2)
Course Coordinator:	Mr. Shiraz Ahmed Maniyar
Date:	5/5/2020

A. Course Identification	3
B. Course Delivery	3
1. Course Contact Hours (per semester)	3
2. Topics not Covered	3
3. Teaching Strategies	3
4. Activities/Assessment Methods	4
5. Verification of Credibility of Students' Results	Error! Bookmark not defined.
6. Recommendations	Error! Bookmark not defined.
C. Student Results	4
1. Distribution of Grades	4
2. Comment on Student Results	4
3.Recommendations	4
D. Course Learning Outcomes	4
1. Course Learning Outcomes Assessment Results	4
2. Recommendations	5
E. Course Quality Evaluation	5
1. Students Evaluation of the Quality of the Course	
2. Other Evaluations	6
3.Recommendations:	6
F. Difficulties and Challenges	6
G. Course Improvement Plan	7
1. Course Improvement Actions	7
2. Action Plan for Next Semester/Year	7

A. Course Identification

	Instructor(s)		Castian	Number of Students		
No		Location	Section Number	Starting the	Completing	
			Nullibei	course	the course	
1	Fahad Ahmed Aati	Science College	220	114	102	
2						

B. Course Delivery

1. Course Contact Hours (per semester)

Nie	A _4°°4	Planned	Actual Lectures		
NO.	No. Activity		Regular	Online	
1	Lecture	26	0	26	
2	Laboratory	13	7	6	
3	Exercise	13	0	13	
4	Others(Exam + Revision)	8	2	6	
	Total		60		

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*
None	None	None	None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies	Were They Implemented?		Difficulties Experienced	Suggested Action	
	Yes	No	in Implementation	Action	
Lectures / Presentations	✓		No		
Media Lectures	✓		No		
Tutorials	✓		No		
Lab Demonstration	✓		No		
Group discussion	✓		No		
Additional Teaching Strategies adopted due	to Lockd	own Sit	uation		
Online Lectures: Virtual Learning	./		Slight low		
Environment (VLE) through Blackboard	*		attendance rate.		

4. Activities/Assessment Methods

Planned Assessment Methods		e They mented?	Difficulties Experienced(if any)in	Suggested Action		
		No	Implementation	(for next semester)		
MidTerm Exam	✓		No			
Assignment 1	✓		No			
Assignment 2	✓		No			
Revised Assessment Methods due to Lockdown Situation						
Assingment-3/Online Quiz	✓		No			
Lab (Attendance / Assignments / Participation)	✓		No			
Theory (Class Attendance / participation)	✓		No			
Final Exam - Online	✓		No			

C. Student Results

1. Distribution of Grades

Grades									tus D	istribu	tions				
	A+	A	B+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	67	18	8	1	2	1	2	0	3	0	0	0	99	3	12
Percentage	66	18	8	1	2	1	2	0	3	0	0	0	87	3	11

2. Comment on Student Results

(including special factors (if any) affecting the results)

Higher than usual due to multiple tries for every assessment.

3. Recommendations

Limit the number of tries for some assessments.

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

Course learning Outcomes	PLO	Assessment	Assessment	Comment on
(CLOs)	S	Methods	Results	Assessment

		Code		Target Level/	Actu	Results
				Criterion for	al Leve	
				Success	l	
1	Knowledge:	Т	I			
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware anddescribe their functionalities.	K1	 MidTerm Exam Assignment -1 Final Evaluation 	60%	55%	
1.2	Define the fundamentals of Programming using procedural statements, use of conditional statements, loops, iterations and Data Structures.	K1	 Assignment -2 Assignment 3 / Online Quiz Final Evaluation 	60%	55%	
2	Skills:	4			4	
2.1	Apply various number system formats and solve number system conversion problems.	S1	Assignment-1MidTerm	60%	59%	
2.2	Design algorithms and flowchart for a basic given problem.	S2	Assignment-1Assignment -2Final Evaluation	60%	50%	
2.3	Develop a program to solve a given problem using the language syntax and semantics.	S 3	 Assignment-3 / Online Quiz, Lab (Attendance / Assignment / Participation) 	60%	50%	
3	Competence :					
3.1	Ability to work in a team to solve a given problem.	C2	Online Class (Attendance / Participation	60%	52%	

2.Recommendations

•

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of Survey: Number of Percentage of Evaluation Result:
--

	Participants:	Particip	pation:	
Stude	ents Feedback	Course Coordinator/Instructor Comments/Response		
Strengths:				<u>-</u>
•				
Areas for improvement	•			
•				
Suggestions for Improv	ement:			
•				

2. Other Evaluations

(e.g., Evaluations by faculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	•
•	
Areas for improvement:	
•	
Suggestions for Improvement:	
•	

^{*} Add separate table for each evaluation

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F. Difficulties and Challenges

F. Difficulties and Chane	nges						
Difficulties and Challenges	Consequences	Actions Taken					
Administrative Issues	Administrative Issues						
No							
Learning Resources	***************************************						
No difficulties							
Essential References							
Materials							
Facilities							
	0						
	0						
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	0						

G. Course Improvement Plan

1. Course Improvement Actions

Recommended Actions	Actions Taken	Results	Comments					
a. Previous course Report Recommendations								
b. Other Improvemen	nt Actions*							
List Out								

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility	Tir	ne	Needed	
Recommendations	Actions	For Implementation	Start	End	Support	
1.			2019	2020		
			2019	2020		
2.			2019	2020		







Course Report

Course Title:	Introduction to Computer
Code:	101-CSC-3
	BS in Computer Science
Program:	BS in Information Technology
	BS in Computer Network
Department:	Computer Science
Institution:	Jazan University, Jazan
Academic Year:	2019-20
Semester:	Spring Term(2020-2)
Course Coordinator:	Mr. Shiraz Ahmed Maniyar
Date:	5/5/2020

A. Course Identification	3
B. Course Delivery	3
1. Course Contact Hours (per semester)	3
2. Topics not Covered	3
3. Teaching Strategies	3
4. Activities/Assessment Methods	4
5. Verification of Credibility of Students' Results	Error! Bookmark not defined.
6. Recommendations	Error! Bookmark not defined.
C. Student Results	4
1. Distribution of Grades	4
2. Comment on Student Results	4
3.Recommendations	4
D. Course Learning Outcomes	4
1. Course Learning Outcomes Assessment Results	4
2. Recommendations	5
E. Course Quality Evaluation	5
1. Students Evaluation of the Quality of the Course	
2. Other Evaluations	6
3.Recommendations:	6
F. Difficulties and Challenges	6
G. Course Improvement Plan	7
1. Course Improvement Actions	7
2. Action Plan for Next Semester/Year	7

A. Course Identification

			Castian	Number of Students			
No	No Instructor(s) Location	Section Number	Starting the	Completing			
			Nullibei	course	the course		
1	Fahad Ahmed Aati	Science College	269	77	72		
2							

B. Course Delivery

1. Course Contact Hours (per semester)

Nie	A _4!:4	Planned	Actual Lectures			
No.	Activity	Lectures	Regular	Online		
1	Lecture	26	0	26		
2	Laboratory	13	7	6		
3	Exercise	13	0	13		
4	Others(Exam + Revision)	8	2	6		
	Total		60			

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*
None	None	None	None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies	Were Implem	•	Difficulties Experienced	Suggested Action	
	Yes	No	in Implementation	Action	
Lectures / Presentations	✓		No		
Media Lectures	✓		No		
Tutorials	✓		No		
Lab Demonstration	✓		No		
Group discussion	✓		No		
Additional Teaching Strategies adopted due	to Lockd	own Sit	uation		
Online Lectures: Virtual Learning	./		Slight low		
Environment (VLE) through Blackboard			attendance rate.		

4. Activities/Assessment Methods

Planned Assessment Methods		e They mented?	Difficulties Experienced(if any)in	Suggested Action
1 Milled Passessificht Weethous	Yes	No	Implementation	(for next semester)
MidTerm Exam	✓		No	
Assignment 1	✓		No	
Assignment 2	✓		No	
Revised Assessment Methods due to Lock	down S	ituation		
Assingment-3/Online Quiz	✓		No	
Lab (Attendance / Assignments / Participation)	✓		No	
Theory (Class Attendance / participation)	✓		No	
Final Exam - Online	✓		No	

C. Student Results

1. Distribution of Grades

		Grades									Status Distributions				
	A+	A	B+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	44	12	10	2	2	0	0	1	1	0	0	0	71	1	5
Percentage	61	17	14	3	3	0	0	1	1	0	0	0	92	1	6

2. Comment on Student Results

(including special factors (if any) affecting the results)

Higher than usual due to multiple tries for every assessment.

3. Recommendations

Limit the number of tries for some assessments.

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

Course learning Outcomes	PLO	Assessment	Assessment	Comment on
(CLOs)	S	Methods	Results	Assessment

		Code		Target Level/	Actu	Results
				Criterion for	al Leve	
				Success	l	
1	Knowledge:	Т	I			
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware anddescribe their functionalities.	K1	 MidTerm Exam Assignment -1 Final Evaluation 	60%	55%	
1.2	Define the fundamentals of Programming using procedural statements, use of conditional statements, loops, iterations and Data Structures.	K1	 Assignment -2 Assignment 3 / Online Quiz Final Evaluation 	60%	55%	
2	Skills:	4			4	
2.1	Apply various number system formats and solve number system conversion problems.	S1	Assignment-1MidTerm	60%	59%	
2.2	Design algorithms and flowchart for a basic given problem.	S2	Assignment-1Assignment -2Final Evaluation	60%	50%	
2.3	Develop a program to solve a given problem using the language syntax and semantics.	S 3	 Assignment-3 / Online Quiz, Lab (Attendance / Assignment / Participation) 	60%	50%	
3	Competence :					
3.1	Ability to work in a team to solve a given problem.	C2	Online Class (Attendance / Participation	60%	52%	

2.Recommendations

•

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of Survey: Number of Percentage of Evaluation Result:
--

	Participants:	Participation:			
Students Feedback			Course Coordinator/Instructor Comments/Response		
Strengths:					
•					
Areas for improvement:					
•					
Suggestions for Improvement:					
•					

2. Other Evaluations

(e.g., Evaluations by faculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	
•	
Areas for improvement:	
•	
Suggestions for Improvement:	
•	

^{*} Add separate table for each evaluation

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F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken					
Administrative Issues	Administrative Issues						
No							
Learning Resources							
No difficulties							
Essential References							
Materials							
Facilities							
	0						
	0						
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	0						

G. Course Improvement Plan

1. Course Improvement Actions

Recommended Actions	Actions Taken	Results	Comments				
a. Previous course Re	a. Previous course Report Recommendations						
b. Other Improvemen	b. Other Improvement Actions*						
List Out							

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

		Responsibility	Tir	ne	Needed
Recommendations	Actions	For Implementation	Start	End	Support
1.			2019	2020	
			2019	2020	
2.			2019	2020	







Course Report

Course Title:	Introduction to Computer	
Code:	101-CSC-3	
	BS in Computer Science	
Program:	BS in Information Technology	
	BS in Computer Network	
Department:	Computer Science	
Institution:	Jazan University, Jazan	
Academic Year:	2019-20	
Semester:	Spring Term(2020-2)	
Course Coordinator:	Mr. Shiraz Ahmed Maniyar	
Date:	5/5/2020	

A. Course Identification	3
B. Course Delivery	3
1. Course Contact Hours (per semester)	3
2. Topics not Covered	3
3. Teaching Strategies	3
4. Activities/Assessment Methods	4
5. Verification of Credibility of Students' Results	Error! Bookmark not defined.
6. Recommendations	Error! Bookmark not defined.
C. Student Results	4
1. Distribution of Grades	4
2. Comment on Student Results	4
3.Recommendations	4
D. Course Learning Outcomes	4
1. Course Learning Outcomes Assessment Results	4
2. Recommendations	5
E. Course Quality Evaluation	5
1. Students Evaluation of the Quality of the Course	
2. Other Evaluations	6
3.Recommendations:	6
F. Difficulties and Challenges	6
G. Course Improvement Plan	7
1. Course Improvement Actions	7
2. Action Plan for Next Semester/Year	7

A. Course Identification

			Saction Number		of Students	
No	Instructor(s)	Location	Section Number	Starting the	Completing	
			Nullibei	course	the course	
1	Fahad Ahmed Aati	Science College	279	56	53	
2						

B. Course Delivery

1. Course Contact Hours (per semester)

No.	A -40-04	Planned	Actual I	Actual Lectures	
NO.	Activity	Lectures	Regular	Online	
1	Lecture	26	0	26	
2	Laboratory	13	7	6	
3	Exercise	13	0	13	
4	Others(Exam + Revision)	8	2	6	
	Total		60		

2. Topics not Covered

Topics	Reason for Not Covering	Extent of their Impact on Learning Outcomes	Compensating Action*
None	None	None	None

^{*}Compensating actions already taken or suggested

3. Teaching Strategies

Planned Teaching Strategies	Were Implem	•	Difficulties Experienced	Suggested Action
	Yes	No	in Implementation	Action
Lectures / Presentations	✓		No	
Media Lectures	✓		No	
Tutorials	✓		No	
Lab Demonstration	✓		No	
Group discussion	✓		No	
Additional Teaching Strategies adopted due	to Lockd	own Sit	uation	
Online Lectures: Virtual Learning	./		Slight low	
Environment (VLE) through Blackboard			attendance rate.	

4. Activities/Assessment Methods

Planned Assessment Methods		e They mented?	Difficulties Experienced(if any)in	Suggested Action
1 Milled Passessificate Metalous	Yes No		Implementation	(for next semester)
MidTerm Exam	✓		No	
Assignment 1	✓		No	
Assignment 2	✓		No	
Revised Assessment Methods due to Lock	down S	ituation		
Assingment-3/Online Quiz	✓		No	
Lab (Attendance / Assignments / Participation)	✓		No	
Theory (Class Attendance / participation)	✓		No	
Final Exam - Online	✓		No	

C. Student Results

1. Distribution of Grades

		Grades								Status Distributions					
	A+	A	В+	В	C+	C	D+	D	F	Denied Entry	In Progress	Incomplete	Pass	Fail	Withdrawn
Number of Students	38	6	5	2	0	2	0	0	0	0	0	0	53	0	3
Percentage	72	11	9	4	0	4	0	0	0	0	0	0	95	0	5

2. Comment on Student Results

(including special factors (if any) affecting the results)

Higher than usual due to multiple tries for every assessment.

3. Recommendations

Limit the number of tries for some assessments.

D. Course Learning Outcomes

1. Course Learning Outcomes Assessment Results

Course learning Outcomes	PLO	Assessment	Assessment	Comment on
(CLOs)	S	Methods	Results	Assessment

		Code		Target Level/	Actu	Results
				Criterion for	al Leve	
				Success	l	
1	Knowledge:	Т	I			
1.1	Describe the major components of a personal computer, including input, output and process, storage, communications hardware anddescribe their functionalities.	K1	 MidTerm Exam Assignment -1 Final Evaluation 	60%	55%	
1.2	Define the fundamentals of Programming using procedural statements, use of conditional statements, loops, iterations and Data Structures.	K1	 Assignment -2 Assignment 3 / Online Quiz Final Evaluation 	60%	55%	
2	Skills:	4			4	
2.1	Apply various number system formats and solve number system conversion problems.	S1	Assignment-1MidTerm	60%	59%	
2.2	Design algorithms and flowchart for a basic given problem.	S2	Assignment-1Assignment -2Final Evaluation	60%	50%	
2.3	Develop a program to solve a given problem using the language syntax and semantics.	S 3	 Assignment-3 / Online Quiz, Lab (Attendance / Assignment / Participation) 	60%	50%	
3	Competence :					
3.1	Ability to work in a team to solve a given problem.	C2	Online Class (Attendance / Participation	60%	52%	

2.Recommendations

•

E. Course Quality Evaluation

1. Students Evaluation of the Quality of the Course

Date of Survey: Number of Percentage of Evaluation Result:
--

	Participants:	Particip	pation:		
Stude	ents Feedback	Course Coordinator/Instructor Comments/Response			
Strengths:				<u>-</u>	
•					
Areas for improvement	•				
•					
Suggestions for Improvement:					
•					

2. Other Evaluations

(e.g., Evaluations by faculty, program leaders, peer reviewers, others)

Evaluation method :	Date:
Evaluator(s)Comments	Course Coordinator/Instructor Comments/Response
Strengths:	-
•	
Areas for improvement:	
•	
Suggestions for Improvement:	
•	

^{*} Add separate table for each evaluation

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F. Difficulties and Challenges

Difficulties and Challenges	Consequences	Actions Taken
Administrative Issues		
No		
Learning Resources	•	
No difficulties		
Essential References		
Materials		
Facilities		
	0	
	0	
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	0	

G. Course Improvement Plan

1. Course Improvement Actions

Recommended Actions	Actions Taken	Results	Comments				
a. Previous course Report Recommendations							
b. Other Improvement Actions*							
List Out							

^{* (}The developmental measures taken during teaching the course and not included in the development plan of it)

2. Action Plan for Next Semester/Year

	Responsibility		Tir	ne	Needed
Recommendations	ndations Actions	For Implementation	Start	End	Support
1.			2019	2020	
			2019	2020	
2.			2019	2020	



المملكة العربية السعودية وزارة التعليم - جامعة جسازان كلية علوم الحاسب وتقنية المعلومات

MIDTERM EXAMINATION QUESTION PAPER

Term: (□Fall / ☑Spring)				()	Academic Year: 2019 - 2020				
Student Name:				Stude Level	nt ID: : 1	•••••			
Cour	se Na	me: Introduct	ion to Co	mputer		Cour	se Code: 101C	SC - 3	
Date	: 03-03	3-2020	Day: Tu	esday	Duration	: 1 Hou	r. Start Time	e: 12:00 PN	Marks: 15
`	اختر/ اختاري رمز الاجابة الصحيحة من الاختيارات الموجودة $0.75 - 0.75 = 0.75$ درجة لكل سؤال) Choose the correct answer from the multiple choices. $(20 \times 0.75 = 15 \text{ marks})$								
No.					QUES	TION			
1			tores the	data or	ble, electronic results as need lardware	led.	that accepts da	, <u>-</u>	rms operations Processor
2	 A-	Information			n processed int oftware			D-	Knowledge
3	Wind A-	•	and Linu		river		utility	D-	system
4	Integrated Circuits (ICs) used in the generation of computers.								
7	A-	First]	B- S	econd	C-	Third	D-	Fourth
5	 A-	Hardware			ical parts of a onternet	-	t er. Software	D-	Information
6	A-	computer Mainframe			ost expensive, n uper		werful type of Personal	computer D-	s Embedded
	Com	puter	incl	lude pro	ogrammers, sys	stems a	nalysts, compi	uter opera	tions personnel
7	and s	security specia	alists.						
	A-	Professionals	3	B- U	Jsers	C-	Guests	D-	Hackers
8	Stora	age System car	n be:						
O	A-	internal]	B- e:	xternal	C-	remote	D-	All

9	information that contains numbers, text, images, audio, and video.									
9	A-	Multimedia	B-	Data	C-	Programs	D-	Software		
10	Octa	Octal numbering system symbols are:								
10	A-	(0 - 8)	B-	(0-7)	C-	(1 - 8)	D-	(1-7)		
11	•••••	disc can be	e recor	ded on, erased, and	love	rwritten just like m	agne	tic discs.		
11	A-	Read Only	B-	Recordable	C-	Rewritable	D-	Register		
12	•••••	is an image co	oding s	system use mathema	atical	l formulas to repres	sent i	mages.		
12	A-	ASCII	B-	ISO	C-	Bitmap	D-	Vector		
13	Byte	= bits.								
13	A-	8	B-	10	C-	2	D-	16		
14	•••••	is a high-sp	eed m	emory built into the	e CP	U; used by the CPU	J			
17	A-	ROM	B-	Register	C-	RAM	D-	Flash		
15	•••••	Discs store da	ta usi	ng laser beams.						
13	A-	Solid-State	B-	Magnetic	C-	Optical	D-	Metal		
16	Keyboard, Scanner and Mouse are devices.									
10	A-	Processing	B-	Output	C-	Storage	D-	Input		
17	•••••	logically divides the physical capacity of a single drive into separate areas.								
17	A-	Recording	B-	Deleting	C-	Partitioning	D-	Erasing		
18	••••	is something sto	ored o	n a storage medium	, suc	h as a program, do	cume	ent, or image		
10	A-	Folder	B-	File	C-	Track	D-	Sector		
19	The 1	result of converting th	e bina	ry number (10101)	2 to d	lecimal is:				
1)	A-	17	B-	18	C-	21	D-	23		
20	The	result of converting th	ne deci	mal number (19) ₁₀	to bi	nary is:				
20	A-	11011	B-	10011	C-	11110	D-	10001		

يمكن للطالب استخدام هذا الجزء لحل اسئلة التحويل رقم 19 و 20



المملكة العربية السعودية وزارة التعليم - جامعة جسازان كلية علوم الحاسب وتقنية المعلومات

MIDTERM EXAMINATION QUESTION PAPER

Term: (□Fall / ☑Spring)				()	Academic Year: 2019 - 2020				
Student Name: Section Number: Course Name: Introduction to Computer				Level:	nt ID: : 1 se Code: 101C				
		3-2020		-	Duration				Marks: 15
ختر/ اختاري رمز الاجابة الصحيحة من الاختيارات الموجودة 0.75 درجة لكل سؤال) ختر/ اختاري رمز الاجابة الصحيحة من الاختيارات الموجودة $0.75 \times 0.75 = 15 \text{ marks}$									
No.					QUES	TION			
1			stores the	data or	ble, electronic results as need Hardware	ded.	that accepts da	, .	ms operations Processor
2	 A-	Information			n processed in oftware		nningful form. Bit pattern	D-	Knowledge
3	Wind A-	dows, Mac OS application			river		utility	D-	system
4	Integ A-	grated Circuit First			he econd		eration of com	puters. D-	Fourth
5	 A-	Hardware		B- Ir	ical parts of a	C-	Software	D-	Information
6	A-	computer Mainframe			ost expensive, i		werful type of Personal	computers	s Embedded
	_	•		lude pro	ogrammers, sy	stems a	nalysts, compi	 uter operat	tions personnel
7	and s	Security special Professionals		B- U	Jsers	C-	Guests	D-	Hackers
8	Stora	age System car	n be:						
O	A-	internal		B- ex	xternal	C-	remote	D-	All

0	information that contains numbers, text, images, audio, and video.										
9	A-	Multimedia	B-	Data	C-	Programs	D-	Software			
10	Octa	Octal numbering system symbols are:									
10	A-	(0 - 8)	B-	(0-7)	C-	(1 - 8)	D-	(1 – 7)			
11	•••••	disc can be	e recor	ded on, erased, and	love	rwritten just like m	agne	tic discs.			
11	A-	Read Only	B-	Recordable	C-	Rewritable	D-	Register			
12	•••••	is an image co	oding s	system use mathem	atical	l formulas to repres	ent i	mages.			
12	A-	ASCII	B-	ISO	C-	Bitmap	D-	Vector			
13	Byte	= bits.									
13	A-	8	B-	10	C-	2	D-	16			
14	•••••	is a high-sp	eed m	emory built into the	e CP	U; used by the CPU					
14	A-	ROM	B-	Register	C-	RAM	D-	Flash			
15	•••••	Discs store da	ata usi	ng laser beams.							
13	A-	Solid-State	B-	Magnetic	C-	Optical	D-	Metal			
16	Keyb	Keyboard, Scanner and Mouse are devices.									
10	A-	Processing	B-	Output	C-	Storage	D-	Input			
17	•••••	logically divides the physical capacity of a single drive into separate areas.									
17	A-	Recording	B-	Deleting	C-	Partitioning	D-	Erasing			
18	••••	is something ste	ored o	n a storage medium	, suc	h as a program, do	cume	nt, or image			
10	A-	Folder	B-	File	C-	Track	D-	Sector			
19	The	result of converting th	ne bina	ry number (10101)	2 to d	lecimal is:					
19	A-	17	B-	18	C-	21	D-	23			
20	The	result of converting th	ne deci	mal number (19) ₁₀	to bi	nary is:					
20	A-	11011	B-	10011	C-	11110	D-	10001			

يمكن للطالب استخدام هذا الجزء لحل اسئلة التحويل رقم 19 و 20

FINAL EXAM 20202 – BLACKBOARD -- ONLINE

	QUESTION 1	
1.	is the smallest colorable area in an electronic image	
	C A.Bit	
	© B. Inch	
	C. Pixel	
	O D. data	
		1 points
	QUESTION 2	- P
1.	device presents output visually	
	• A.Display	
	© B. Processing	
	© C. Communication	
	O D. Input	
		1 points
	QUESTION 3	- P
1.	Biometric data based on unique physiological characteristics or per like:	rsonal trait
	• A. Fingerprint	
	© B. Hand or face geometry	
	C. Iris of the eye	
	O D. All	
		1 points
	QUESTION 4	
1.	Record images on digital storage medium rather that	an film.
	C A. Printer	
	© B. Mouse	
	C. Data Projector	
	O. Digital cameras	
		1 points
	OUESTION 5	_

Input data from special forms to score or tally exams, questionnaires, ballots	
A. Biometric	
© B. OMR	
O C.LCD	
© D. Barcode	
D. Barcode	
OHECTION	1 points
QUESTION 6is the process of converting High level languages to machine	inα
language.	
• A.Coding	
© B. Assembler	
© C. Compilation	
© D. syntax	
	1 points
QUESTION 7	1 points
is a pictorial representation of an algorithm.	
• A. Flowchart	
 B. Natural Language 	
C. Algorithm	
 D. Pseudocode 	
	1 points
QUESTION 8	1
language is using your language (e. g., English, French, o and the computer, would understand it and execute your requests	r Chinese),
immediately.	
A. AssemblyB. Natural	
C. MachineD. High level	
O D. High level	
OHECTION	1 points
QUESTION 9 The only language understood by a computer is:	
The only language understood by a computer is: O High-level language	
Titeli icvoi ianguago	

	\circ	symbolic language	
	0	natural language	
	0	machine language	
			1 points
	QU	UESTION 10	-
	1.	BASIC, COBOL, Pascal, Ada, C, C++, and Java are examples of:	
	0	machine language	
	0	natural language	
	0	High-level language	
	0	symbolic language	
			1 points
1	_	JESTION 11	
1.	are	is a network that connects devices located in a large geograp	onicai
		A.LAN	
		B. CAN	
		C. WAN	
	0	D. MAN	
			1 points
1	_	JESTION 12	4•
1.		network is a network in which there are multiple conne ween the devices on the network so that messages can take any of	
		sible paths.	severar
	0	A. Ring	
	0	B. Mesh	
	0	C. Star	
		D. Bus	
			4 • .
	ΟĪ	JESTION 13	1 points
1.	_	is the largest computer network in the world.	
		A. Internet	
		B. Hardware	
		C. Operating System	
		opolumia bysicin	

	O D. Data	
		1 points
	QUESTION 14	
1.	is a network that connects devices located in a small geograrea, such as within a building.	aphical
	O A.MAN	
	O B. CAN	
	O C. LAN	
	O D. WAN	
		1 points
	QUESTION 15	
1.	network is a network consisting of a central cable to whenetwork devices are attached.	nich all
	C A. Mesh	
	O B. Ring	
	O C. Star	
	O D.Bus	
		1 points
	QUESTION 16	
1.	software are the Programs that allow a user to perform tasks on a computer	specific
	• A. Application	
	O B. System	
	C. Hybrid	
	O D. Operating System	
		1 points
	QUESTION 17	
1.	Commands are entered by the keyboard in Operating	ng system
	C A. Utilty	
	O B. Command line	
	° C. GUI	
	C D. Hybrid	

		1 points
1.	QUESTION 18 operating system designed to be installed on a network	rk server
	O A. Personal	
	O B. Server	
	C. Hybrid	
	O D. All	
		1 points
	QUESTION 19	
1.	OS: Designed for Apple Mobile phones and mobile de	evices.
	• A.iPhone	
	© B. Symbian	
	C. Palm	
	O D. BlackBerry	
		1 points
	QUESTION 20	
1.	operating system designed to be installed on a single	PC
	• A. Personal	
	O B. Server	
	° C. All	
		1 points

FINAL EXAM 20202 – BLACKBOARD – ONLINE (ANSWERS)

	QUESTION 1	
1.	is the smallest colorable area in an electronic image	
	O A.Bit	
	O B. Inch	
	C. Pixel	
	O D. data	
		1 points
	QUESTION 2	- P 33
1.	device presents output visually	
	O A. Display	
	© B. Processing	
	C. Communication	
	O D. Input	
		1 points
	QUESTION 3	_
1.	Biometric data based on unique physiological characteristics or pers	onal trait
	like: A. Fingerprint	
	6	
	B. Hand or face geometry	
	C. Iris of the eye	
	O D. All	
		1 points
1	QUESTION 4	. 6 °1
1.	Record images on digital storage medium rather than A. Printer	n IIIM.
	O B. Mouse	
	C. Data Projector	
	O D. Digital cameras	
	OUTCETON 5	1 points
1	QUESTION 5Input data from special forms to score or tally exams,	
1.	questionnaires, ballots	
	O A. Biometric	
	O B. OMR	
	° C. LCD	
	O D. Barcode	

		1 points
	QUESTION 6	
1.	is the process of converting High level languages to machin	ne
	language.	
	O A. Coding	
	O B. Assembler	
	C. Compilation	
	O D. syntax	
		1 points
1	QUESTION 7	
1.		
	O A. Flowchart	
	B. Natural Languge	
	C. Algorithm	
	O D. Pseudocode	
		1 points
	QUESTION 8	
1.	language is using your language (e. g., English, French, or	Chinese),
	and the computer, would understand it and execute your requests immediately.	
	O A. Assembly	
	O B. Natural	
	C. Machine	
	O D. High level	
	D. High level	
	OUEGEION A	1 points
1	QUESTION 9 The only language understood by a computer is:	
1.	The only language understood by a computer is: O High-level language	
	Symbolic language	
	o natural language	
	• machine language	
	OUTCETON 10	1 points
	QUESTION 10 1. BASIC, COBOL, Pascal, Ada, C, C++, and Java are examples of:	
	O symbolic language	
		1 points

QUESTION 11

1 is a network that connects devices located in a large geographical					
	area.				
	O A.LAN				
	O B. CAN				
	C. WAN				
	O D.MAN				
		1 points			
	QUESTION 12				
1.	network is a network in which there are multiple conne				
	between the devices on the network so that messages can take any of possible paths.	severai			
	O A. Ring				
	O B. Mesh				
	C. Star				
	O D. Bus				
		1 points			
1	QUESTION 13is the largest computer network in the world.				
1.	C A. Internet				
	O B. Hardware				
	C. Operating System				
	O D. Data				
		1 points			
1	QUESTION 14is a network that connects devices located in a small geogr	onhical			
1.	area, such as within a building.	аршсаг			
	C A.MAN				
	O B. CAN				
	C. LAN				
	O D. WAN				
	VV 2 11 V	1 nainta			
	QUESTION 15	1 points			
1.	network is a network consisting of a central cable to w	hich all			
	network devices are attached.				
	O A. Mesh				
	© B. Ring				
	O C. Star				
	O D.Bus				

	QUESTION 16	
1.	software are the Programs that allow a user to perform specific	
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	C A. Personal	
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	C A. Personal	
	O B. Server	
	C. All	

1 points

1 points