M.Sc.(CA) (3rd Semester)

040020315: Network Security

Assessment Policy

Assessment Code	Assessment Type	Duration of each	Occurrence	Each of marks	Weightage in CIE of 40 marks	Remark
A1	Quiz	50 mins	1	20	5 X 1 = 5	Quiz 1: After completion of Unit 2 & 3
A2	Unit Test	1.5 hrs.	2	30	6 X 2 = 12	Unit Test 1: After completion of Unit 1 & 2 Unit Test 2: After completion of Unit 3, 4 & 5
A3	Presentation	15 mins	1	20	6 X 1 = 6	Shall be beginning after completion of unit-2.
A4	Internal Exam	3 hrs.	1	60	17 X 1 = 17	Before completion of the term

Assessment Type Classification:

Assessment Code :	A1	**Coverage of Content :**	Topics covered from Unit 2,3
Assessment Type :	Quiz 1	**Tentative Date :**	3/9/2015
Kind of Question Format :	Q-1: Multiple Choice questions (attempt 20 questions, marks will be 0.5 X 20 =**10 marks**) Q-2: Short answers questions (10 questions, marks will be 1 X 10 = **10 marks**) Total marks = **10 + 10 = 20 marks**		
Assessment :	Formative		
To measure :	Knowledge		
Outcome :	CO1: Design solutions to provide confidentiality and integrity. CO2: Develop solutions to provide user authentication. CO3: Design secure web and email communication.		

Assessment Code	A2	**Coverage of Content :**	Topics covered from Unit 1 & 2
Assessment Type	Unit Test 1	**Tentative Date :**	10/8/2015
Kind of Question Format :	Q-1(A): Short answers questions of 1 mark each. (4 questions, marks will be 1 X 4 = **4 marks**) (B) :Short answers questions of 2 marks each. (3 out of 4 questions, marks will be 2 X 3 = **6 marks**). Q-2 Analytical based answers questions. (2 out of 4 questions, marks will be 5 X 2 = **10 marks**) Q-3 Descriptive answers questions. (2 out of 3 questions, marks will be 5 X 2 = **10 marks**)		

	Total marks **= 4 + 6 + 10 + 10 = 30 marks**
Assessment :	Formative
To measure :	Knowledge, Comprehension and Analysis
Outcome :	CO1: Design solutions to provide confidentiality and integrity. CO2: Develop solutions to provide user authentication.

Assessment Code :	A2	**Coverage of Content :**	Topics covered from Unit 4 & 5
Assessment Type :	Unit Test 2	**Tentative Date :**	19/10/2015
Kind of Question Format :	Q-1(A): Short answers questions of 1 mark each. (4 questions, marks will be 1 X 4 = **4 marks**) (B) :Short answers questions of 2 marks each. (3 out of 4 questions, marks will be 2 X 3 = **6 marks**). Q-2 Analytical based answers questions. (2 out of 4 questions, marks will be 5 X 2 = **10 marks**) Q-3 Descriptive answers questions. (2 out of 3 questions, marks will be 5 X 2 = **10 marks**) Total marks **= 4 + 6 + 10 + 10 = 30 marks**		
Assessment :	Formative		
To measure :	Knowledge, Comprehension, Analysis		
Outcome :	CO1: Design solutions to provide confidentiality and integrity. CO2: Develop solutions to provide user authentication. CO3: Design secure web and email communication. CO4: Create secure wireless communication. CO5: Develop solutions based on secure IP communication.		

Assessment Code :	A3	**Coverage of Content :**	Topics based on units 2,3,4,5 & 6
Assessment Type :	Presentation		
Kind of Question Ask :	Viva		
Assessment :	Formative		
T0 measure :	Evaluation		
Rules :	1) The teams shall be give presentation of typically minimum 25 minutes and maximum 30 minutes followed by Question – Answer session. 2) Each team shall have different presentation topics. 3) A team shall consist of at the most 3 and not less than 2 members. 4) Presentation topics will be finalized by teacher within the third week of semester starts. 5) Evaluation will begin after the 7th week. 6) Seminar topics can be like listed but not restricted to: ○ Intruders ○ Intrusion Detection		

	○ Password Management ○ Firewalls
Penalty Criteria :	Late seminar shall be penalized as 5% of full marks per day for maximum two days after the cut-off date. No seminar shall be accepted thereafter with the corresponding mark set to 0.
Outcome :	CO2: Develop solutions to provide user authentication. CO3: Design secure web and email communication. CO4: Create secure wireless communication. CO5: Develop solutions based on secure IP communication. CO6: Design secure network using Intrusion Detection System and firewall.

Assessment Code :	A4	**Coverage of Content :**	Topics covered from all units
Assessment Type :	Internal	**Tentative Date :**	
Kind of Question Format :	**Section-1** Q-1(A) : Short answers questions of 1 mark each. (4 questions, marks will be 1 X 4 = **4 marks**) (B) :Short answers questions of 2 marks each. (3 out of 4 questions, marks will be 2 X 3 = **6 marks**). Q-2 Analytical based answers questions. (2 out of 4 questions, marks will be 5 X 2 = **10 marks**) Q-3 Descriptive answers questions. (2 out of 3 questions, marks will be 5 X 2 = **10 marks**) **Section-2** Q-4(A) : Short answers questions of 1 mark each. (4 questions, marks will be 1 X 4 = **4 marks**) (B) :Short answers questions of 2 marks each. (3 out of 4 questions, marks will be 2 X 3 = **6 marks**). Q-5 Analytical based answers questions. (2 out of 4 questions, marks will be 5 X 2 = **10 marks**) Q-6 Descriptive answers questions. (2 out of 3 questions, marks will be 5 X 2 = **10 marks**) Total marks **= 60 marks**		
Assessment :	Formative		
To measure :	Knowledge, Comprehension, Analysis		
Outcome :	CO1: Design solutions to provide confidentiality and integrity. CO2: Develop solutions to provide user authentication. CO3: Design secure web and email communication. CO4: Create secure wireless communication. CO5: Develop solutions based on secure IP communication. CO6: Design secure network using Intrusion Detection System and firewall.		

- No make-up work shall be accepted for missed or failed tests.