

National University of Sciences and Technology (NUST) School of Electrical Engineering and Computer Science

End Semester Exam [BEE-4 ABCD]

[EE-333: Digital Image Processing] [January 30, 2016] [Time Allowed: 180 Minutes]

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|---------------|----|------|-----|-----|-------|-----|---|---|---|---|---|------|------|---------------------------------------|-----|--|--|------|--|------|--|
| Name | 1 | R | A | M | | B | H | A | T | T | I | | | | | | | | | | |
| Registration | 1 | 1 | 8 | 6 | 2 | 6 | | | | | | | | | | | | | | | |
| Class/Section | r | 154 | p. | -7 | | | | | | | | Si | igna | atui | res | | | | | | |

- Instructions

- Closed book, closed notes.
- Calculators are allowed, but you cannot borrow from anyone.
- Clearly write the steps of your solution.
- Invigilators will NOT answer any query, therefore solve whatever you understand.
- Talking to anyone during the exam is strictly prohibited, and will result in cancellation of your exam.
- Solve the questions only in given space. Anything written elsewhere will not get any credit.
- In case of any ambiguity, make reasonable assumption and solve the question.
- Write in a neat and clean manner, utilize the space wisely.
- Good Luck!

| Questions | Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Total |
|-----------|------|------|------|------|------|------|------|------|------|------|-------|
| CLO: BTL | 1:C1 | 3:C6 | 1:C1 | 1:C1 | 1:C1 | 3:C2 | 2:C4 | 3:C2 | 1:C1 | 2:C2 | Total |
| Marks | 10 | 10 | 20 | 15 | 15 | 20 | 07 | 08 | 06 | 09 | 120 |
| Obtained | 8 | 7 | 9 | 12 | 15 | 3 | 6 | 5 | 4 | 8 | 77 |

CLO = Course Learning Outcome, BTL = Bloom's Taxonomy Level C = Cognitive Domain, P = Psychomotor Domain, A = Affective Domain

| | Name | Signatures |
|--------------------|----------------------|------------|
| Instructor | Engr. Muhammad Ahmad | |
| Head of Department | Dr. Khawar Khurshid | |
| Invigilator | | |