RESULTS with BLEU SCORES

Real Caption : black dog is digging in the snow
Greedy Search : black dog is running through the snow.(BLEU :59.7)
Beam Search(b=3): dog is digging in the snow.(BLEU :65.04)
Beam Search(b=7): the dog is digging in the snow.(BLEU :65.04)
Beam Search(b=10): a dog is digging in the snow.(BLEU :85.51)

<u>Observation</u> : Beam Search(b=10) is more meaningful here.

Real Caption : three people walking along a stream in a jungle
Greedy Search :three people are walking along a rocky mountain(BLEU :45.67)
Beam Search(b=3): four people are walking on a mountain(BLEU : 49.19)
Beam Search(b=7): three people are walking across a river(BLEU : 23.19)
Beam Search(b=10): three people are walking along a rocky mountain(BLEU :45.7)

<u>Observation</u> : Beam Search(b=10) is more meaningful here.

Real Caption : white and tan dog leaps through the air.
Greedy Search:dog in harness is running through the grass(BLEU:23)
Beam Search(b=3): dog is leaping through the grass.(BLEU:68.46)
Beam Search(b=7): dog is leaping through field (BLEU:73.19)
Beam Search(b=10): a dog is running through a grassy field(BLEU:50)

  <u>Observation</u> : Beam Search(b=7) is more meaningful here.

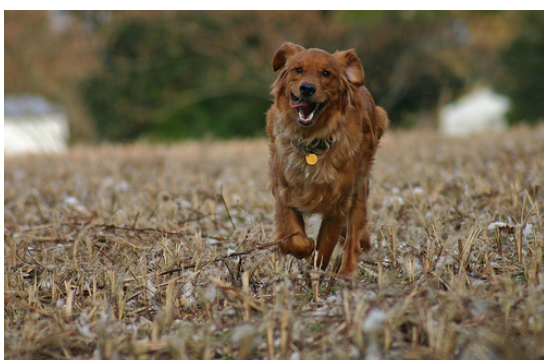**Real Caption** : lone man climbing high on snowy mountain.
Greedy Search : man is standing on top of glacier.(BLEU :53.45)
Beam Search(b=3): man is standing on top of glacier.(BLEU : 60.30)
Beam Search(b=7): man is standing in the snow(BLEU : 66.66)
Beam Search(b=10): a man is standing on a glacier(BLEU : 53.45)

<u>Observation</u> : Beam Search(b=7) is more meaningful here.

Real Caption : brown dog with his tongue out as he runs through field
Greedy Search : brown dog is running through the camera.(BLEU :15.09)
Beam Search(b=3): brown dog is running through the grass.(BLEU: 62.8)
Beam Search(b=7):
brown dog is running through the grass with his tongue out of grass with an orange toy in the dead leaves
.(BLEU: 40.2)
Beam Search(b=10):a brown dog is running through a grassy field(BLEU: 62.8)

<u>Observation</u> : Beam Search(b=10) is more meaningful here.