Name of educator	Aamir Jardawala
Title of Project	Drone based Garbage monitoring system for Swachh Bharat

	Question	Options-provide 4 options **All of the above and None of the above Strictly not allowed**	Correct answer
Q1	What is the primary goal of the "Drone-based Garbage Monitoring System" project?	A) Monitor agricultural fields B) Detect waste and potholes on streets C) Track drones for security purposes D) Assist in medical supply delivery	**B) Detect waste and potholes on streets**
Q2	Which of the following is NOT a risk element mentioned for this drone project?	A) Public privacy issues B) Risk of collision with birds C) High maintenance costs D) Security vulnerabilities in the drones	**C) High maintenance costs**
Q3	What is the primary purpose of using TensorFlow in this project?	A) To control drone navigation B) To analyze and classify images captured by the drone C) To program the flight path of the drone D) To send	**B) To analyze and classify images captured by the drone**

		notifications to the workers	
Q4	Which layer of the GoogleNet model is modified in this project?	A) Pooling layer B) Fully connected layer C) Relu layer D) Convolution layer	**D) Convolution layer**
Q5	In this project, which algorithm is primarily used to generate waypoints for the drone's path?	A) Dijkstra's Algorithm B) Verifier Bee Algorithm C) A* Pathfinding D) Gradient Descent	**B) Verifier Bee Algorithm**
Q6	What is the purpose of the 'bottleneck' layer in the TensorFlow model used in this project?	A) To reduce overfitting in the model B) To store and optimize features before training C) To filter out noise from images D) To control the drone's trajectory	**B) To store and optimize features before training**
Q7	Which component of the project is used to determine if a road has less than 25% waste coverage?	A) Convolutional Neural Network (CNN) filter B) Hyperspectral imaging system C) Pseudo-code algorithm D) TensorFlow training model with validation threshold	**D) TensorFlow training model with validation threshold**
Q8	How does the project handle the issue of multiple drones potentially colliding with each	A) Avoidance using onboard radar	**B) Pre-defined waypoints with collision detection**

	other?	B) Pre-defined waypoints with collision detection algorithms C) Real-time path recalculations D) Use of altitude separation protocols	**algorithms**
Q9	Which of the following deep learning layers in GoogleNet helps to minimize computational cost?	A) 3x3 Convolution Layer B) 5x5 Convolution Layer C) 1x1 Convolution Layer D) Pooling Layer	**C) 1x1 Convolution Layer**
Q10	What technology is used to ensure a drone's flight path includes only specific, validated waypoints?	A) Localizer Bee Algorithm B) Trajectory Generation Software C) ROS (Robot Operating System) D) Kalman Filter	**A) Localizer Bee Algorithm**