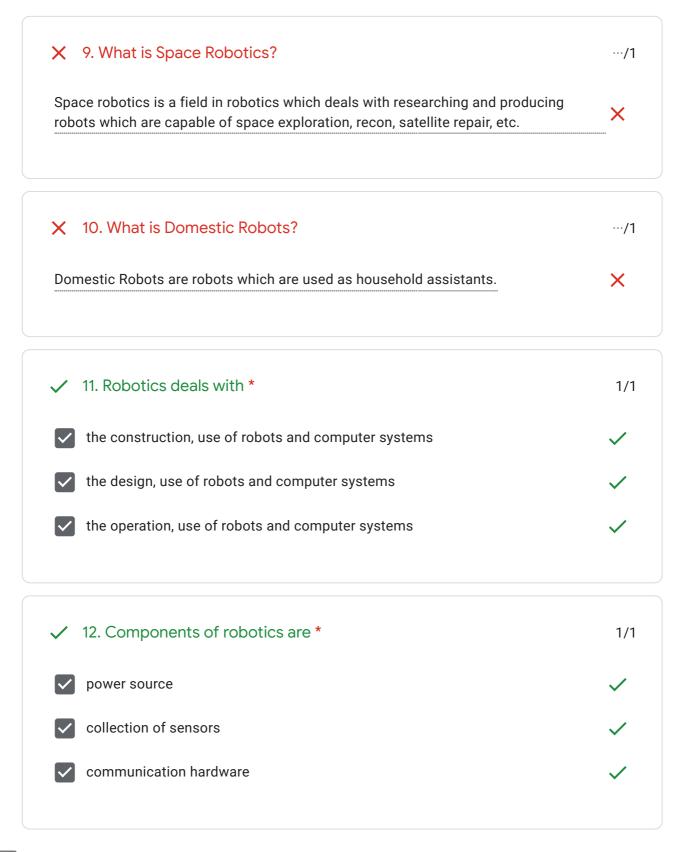
410242 AIR	Total points 11/20 ?
MCQ Test1 for Defaulters	
Email address *	
yash7454@outlook.com	
★ 1. Types of Localization *	0/1
Global and Local Localization	×
Strong and Week Localization	
Correct answer	
Strong and Week Localization	
× 2. Landmark Classes are *	0/1
active or passive	
natural or artificial	×
Sound navigate and range	

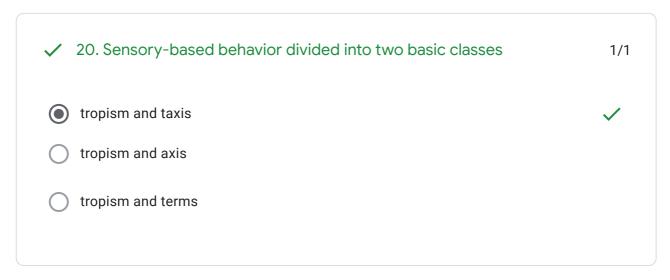
✓ 3. Trilateration refers to *	1/1
the use of distance contraints	✓
the use of angle (orientation) constraints.	
the use of free space	
★ 4. What is Delivery Robots? *	/1
Robots that are used to deliver a parcel to a location are called delivery robots.	×
Correct answer	
A delivery robot is an automated robot that brings your delivery directly to your door.	
✓ 5. Triangulation refers to	1/1
the use of angle (orientation) constraints.	✓
the use of variable constraints.	

	X 6. Mapping Techniques are	0/1
	✓ Sensorial	✓
	Topological	✓
	Geometric	
	Correct answer	
	✓ Sensorial	
	Topological	
	Geometric	
	✓ 7. Metric maps	1/1
	which are based on an absolute reference frame and numerical estimates of where objects are in space	✓
	which are based on an absolute variable frame	
	× 8. Topological maps also known as	0/1
	relational maps	
	topological maps	×
	sensors maps	
H	Correct answer	



✓	13. Path Planning algorithm *	1/1
/	Bug2 Algorithm	✓
	Point to algorithm	
	Bug_P algorithm	
✓	14. Bug2 Algorithm is *	1/1
	from the class of bug algorithms.	~
\bigcirc	from the class of bug-free algorithms.	
0	from the class of bug-miss algorithms.	
×	15. Range Sensors returns infinity if exists in that direction. *	0/1
	no obstacle	×
\bigcirc	obstacle	
0	free space	
Corre	ect answer	
	obstacle	

(used for obstacle avoidance robots. used to refer to accelerometers and gyroscopes, which measure the second derivatives of position	✓
~	′ 17. Sonar sensor stands for *	1/1
6	Sound navigation and ranging	✓
(Sound navigate and ranging	
	Sound navigate and range	
>	18. Laser rangefinders are based on methodologies like	0/1
	Triangulation	
	Time of flight (TOF)	✓
	✓ Phase-based	✓
Co	rrect answer	
6	Triangulation	
6	Time of flight (TOF)	
	Phase-based	
~	' 19. Radar stands for	1/1
(Radio detecting and ranging	✓
(Radio detecting and ringing	
(Ratio detecting and ranging	



This form was created inside of Sinhgad Technical Education Society.

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