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General Technical Specifications of the items:

Item No.	Item	Technical Specification	Lab detail
1	Analytical Balance (220 g)	Capacity: 220 g, Least Count: 0.1 mg, Automatic internal calibration, Tare Range Full, SS Pan, RS232C Interface, Minimum 1 year warranty period	Animal Science Genetic and Plant Breeding
2	Electronic Top Pan Balance (0.1 g)	Least Count – 0.1g Inbuilt battery backup Digital LCD or LED display, Inbuilt battery backup, Minimum 1 year warranty period	Soil Science & Microbiology Agronomy Horticulture
3	Electronic Top Pan Balance (1 mg)	Capacity 200–300 g; Least Count-1mg; SS Pan, draft shield, Digital LCD or LED display Minimum 1 year warranty period	Soil Science & Microbiology Plant Pathology



AGRICULTURE SCIENCES & ENGINEERING

Maharaja Ranjit Singh Punjab Technical University

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(Established by Govt. of Punjab vide Punjab Act No. 5 of 2015)

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਬਾਦਲ ਰੋਡ ਬਠਿੰਡਾ

SCHOOL OF AGRICULTURE SCIENCES & ENGINEERING

Ref. No.- MRSPTU/SASE/25/

Date-

4	Electronic Weighing Balance (3kg)	Capacity: 3 Kg or more, Least Count: 10 mg, SS Pan Size, Inbuilt battery backup, Minimum 1 year warranty period	Horticulture
5	Pan Balance (10 kg)	Capacity: 10 Kg, Least Count: 1g, SS Pan Inbuilt battery backup, Minimum 1 year warranty period	Horticulture
6	Platform Balance (100 kg) (100 Kg)	Capacity: 100 Kg, Least Count: 5 or 10 g, SS Pan Size: 400 mm X 400 mm, Inbuilt battery backup, Minimum 1 year warranty period	Animal Science
7	Electronic Balance (300g-500g)	Capacity (300g-500g) Least count 0.01g, SS Pan, Inbuilt battery backup, Minimum 1 year warranty period	Entomology Genetic and Plant Breeding, Biotechnology Plant Pathology
8	Spring Balance (10 Kg)	Spring balance, Mechanical/Electronic; 10 kg capacity; Hook type	Agronomy
9	Top Pan Balance (2 Kg)	Capacity: 2000 g, Least Count: 100 mg, SS Pan, Inbuilt battery backup, Minimum 1 year warranty period	Agronomy
10	Weighing Balance (5 kg)	Capacity: 5 Kg, Least Count: 1 g, SS Pan Size: 200mm x 200mm, Inbuilt battery backup, Minimum 1 year warranty period	Agronomy
11	Weighing balance Machine (50 kg)	Capacity: 50 Kg, Least Count: 5g or 10g, SS Pan Inbuilt battery backup, Minimum 1 year warranty period	Plant Pathology






Head