

Specifications for Calculators to be used in the Physics Aptitude Test (PAT) 2019

Candidates are responsible for making sure that their calculators meet the PAT specification listed below:

<p>Calculators must be:</p> <ul style="list-style-type: none"> ❖ of a size suitable for use on the desk; ❖ either battery or solar powered; ❖ free of lids, cases and covers which have printed instructions or formulas; ❖ non-graphical. 	<p>Calculators must not:</p> <ul style="list-style-type: none"> • be designed or adapted to offer any of these facilities: - <ul style="list-style-type: none"> ❖ language translators; ❖ symbolic or numerical algebraic manipulation; ❖ symbolic or numerical differentiation or integration; ❖ able to solve inequalities; ❖ able to solve simultaneous equations; ❖ able to plot graphs; ❖ communication with other machines or the internet; • be borrowed from another candidate during an examination for any reason;* • have retrievable information stored in them - this includes: <ul style="list-style-type: none"> ❖ databanks; ❖ dictionaries; ❖ mathematical formulas; ❖ text;
<p>The candidate is responsible for the following:</p> <ul style="list-style-type: none"> ❖ the calculator's power supply; ❖ the calculator's working condition; ❖ Clearing anything stored in the calculator. 	

Advice:* An invigilator may give a candidate a replacement calculator which conforms to the specifications allowed for the PAT.

Examples of calculators which meet the specifications of the PAT are:

- ❖ Casio fx83GTplus and fx85GTplus;
- ❖ Sharp ELW531B;
- ❖ Aurora AX-595TV.

Examples of calculators which do **NOT** meet the specifications of the PAT are:

- ❖ Casio CLASSWIZ (e.g. fx-991EX, fx-991ESPLUS and fx-570EX);
- ❖ Canon F-789SGA;
- ❖ Sharp EL-9950.