

**PODAR INTERNATIONAL SCHOOL**  
**FORMATIVE ASSESSMENT-1 PORTION- Grade 9**

Date	Subject	Unit & LO to be assessed
2nd July	Math	<b>Trigonometry:</b> Apply Pythagoras' theorem and the sine, cosine and tangent ratios for acute angles to the calculation of a side or of an angle of a right-angled triangle Interpret and use three figure bearings; measured clockwise from the North, i.e. 000°–360° Solve trigonometrical problems in two dimensions involving angles of elevation and depression, Know that the perpendicular distance from a point to a line is the shortest distance to the line. Sine and Cosine Rule
2nd July	International Math	Coordinate Geometry and Mensuration
5th July	English	Comprehension and Summary Writing
9th July	Economics	"Unit 8 Price Elasticity of Demand -PED definition, formula, Types of PED, Numerical calculations, factors affecting PED , Revenue concept Unit -9 Price Elasticity of Supply, -PES definition formula, Types of PES, Numerical calculations, factors affecting PES, graphs Unit-11 Market failure Social costs & benefits- Define market failure, causes of market failure, Private cost, external cost , social cost- Private benefit, External benefit, social benefit, positive & negative externalities."
12th July	French	<b>French:</b> UNIT 3 -TOPIC AREA C - Hometown & local area (city/countryside) Passe Compose and Imparfait.
12th July	Hindi	<b>Hindi: Ex 1 अपठित गद्यांश (प्रश्न – उत्तर)</b> <b>Email &amp; Diary</b>
16th July	Chem	Electrolysis of lead bromide Aluminum extraction Brine electrolysis
19th July	ICT	5.1 Effects of IT on employment 5.2 Effects of IT on working patterns within organisations 5.3 Microprocessor-controlled devices in the home 5.4 Potential health problems related to the prolonged use of IT equipment
19th July	BS	2.1 Motivating employees 5.5 Analysis of accounts
23rd July	Accounting / Biology	<b>Accounting:</b> Purpose of Accounting : Understand and explain the difference between book-keeping and accounting State the purpose of measuring business profit and loss Explain the role of accounting in providing information for monitoring progress and decision making  <b>Biology(Sc) :</b> Enzymes :Definition, Tyueps of Enzymes, Mechanism of action, Factors affecting the rate of enzyme reaction i.e pH , concentration of substrate and temperature . Graphs based on the above reactions and its analysis . Planning questions based on the above concept .

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26th July	Physics/Biology(Com merce)	<b>Physics</b> : Effects of Forces- Moments of force and Vectors- Parallelogram, Thermal Physics- Heat capacity, Specific heat capacity and Latent heat capacity <b>Bio(Com)</b> : Enzymes : Factors affecting the rate of enzyme reaction i.e pH , concentration of substrate and temperature . Graphs based on the above reactions and its analysis . Planning questions based on the above concept .