

# SENIOR SCHOOL CERTIFICATE EXAMINATION JULY-2015

## MARKING SCHEME – ECONOMICS (DELHI)

### Expected Answers / Value Points

#### (SET-III)

#### GENERAL INSTRUCTIONS :

1. Please examine each part of a question carefully and then allocate the marks allotted for the part as given in the marking scheme below. TOTAL MARKS FOR ANY ANSWER MAY BE PUT IN A CIRCLE ON THE LEFT SIDE WHERE THE ANSWER ENDS.
2. Expected suggested answers have been given in the Marking Scheme. To evaluate the answers the value points indicated in the marking scheme be followed.
3. For questions asking the candidate to explain or define, the detailed explanation and definition have been indicated alongwith the value points.
4. For mere arithmetical errors, there should be minimal deduction. Only  $\frac{1}{2}$  mark be deducted for such an error.
5. Wherever only two / three or a “given” number of examples / factors / points are expected only the first two / three or expected number should be read. The rest are irrelevant and must not be examined.
6. There should be no effort at “moderation” of the marks by the evaluating teachers. The actual total marks obtained by the candidate may be of no concern to the evaluators.
7. Higher order thinking ability questions are assessing student’s understanding / analytical ability.

*General Note* : In case of numerical question no mark is to be given if only the final answer is given.

A3	Expected Answer / Value Points	Distribution of Marks
1	(c) Rs. 18 Per unit	1
2	Reduce price by giving subsidy. <span style="float: right;"><b>(or any other relevant measure)</b></span>	1
3	(c) Rise in the prices of substitute goods.	1
4	Central problems arise because resources are scarce and have alternate uses and wants are unlimited.	3
5	Floods have damaged and reduced resources. Since potential production declines the production possibility frontier shifts to the left.	3
6	For some crops fall in price below a certain level is not good for the farmers. Hence the government fixes minimum price for these crops.	3



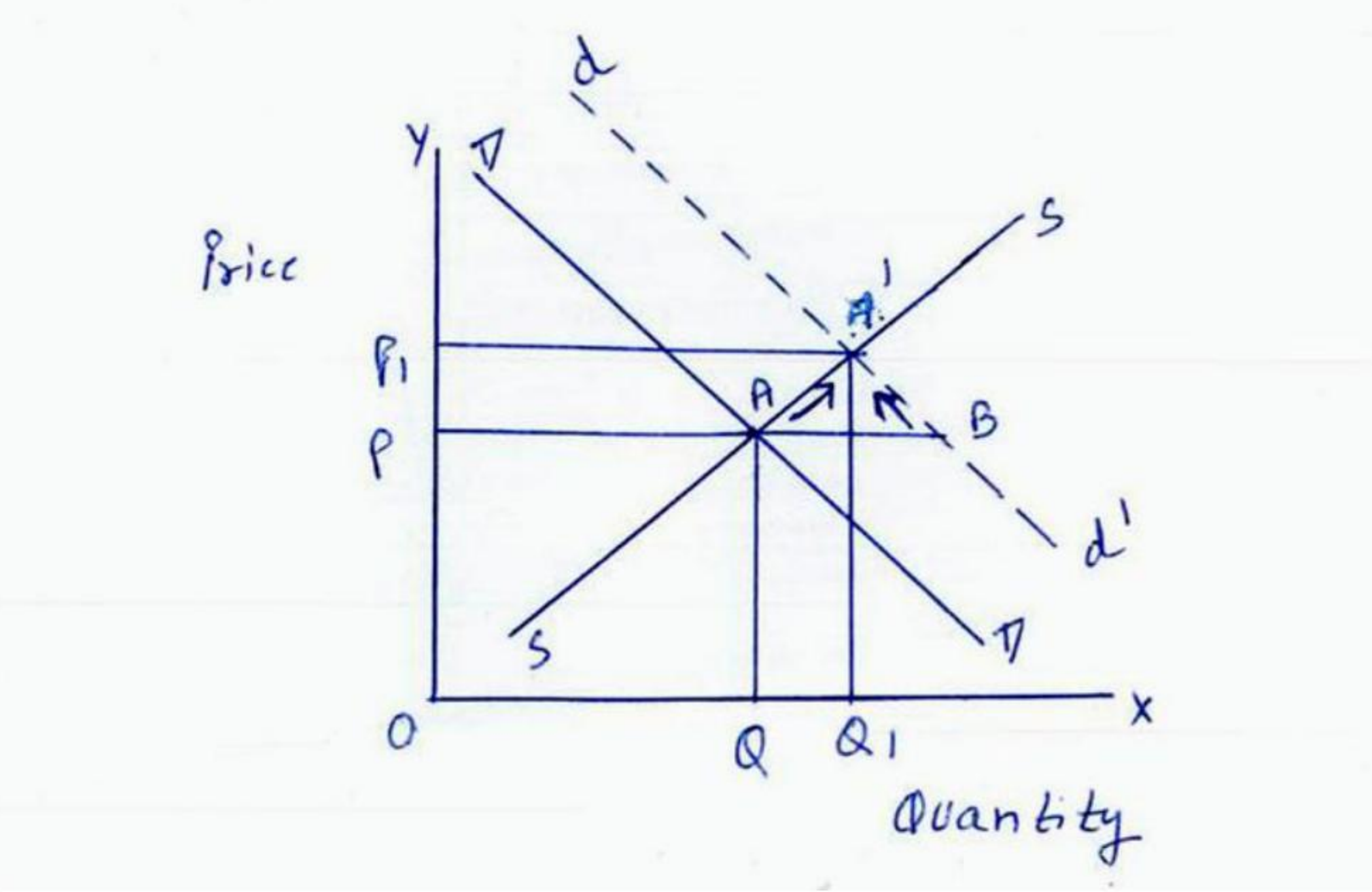


7	<p>When firms in oligopoly produce homogenous products it is called perfect oligopoly, whereas when firms produce differentiated products it is called imperfect oligopoly.</p> <p style="text-align: center;"><b>OR</b></p> <p>Under monopolistic competition the products are differentiated or heterogeneous. A firm can sell more by reducing the price, as its product is a close substitute for other firms' products.</p>	<p style="text-align: center;"><b>3</b></p> <p style="text-align: center;"><b>3</b></p>
8	<p>When <math>MC &lt; AVC</math> , then AVC falls  When <math>MC = AVC</math>, then AVC is constant  When <math>MC &gt; AVC</math>, then AVC rises</p>	<p style="text-align: center;"><b>1x3</b></p>
9	<p>A consumer buys a good upto the point where  Price = MU  Now suppose price falls, it makes  Price &lt; MU  Since price is lower than MU, this induces the consumer to buy more units of the good. It shows inverse relation between price and demand.</p> <p style="text-align: center;"><b>OR</b></p> <p><b>(i) Nature of the good</b> : If good is a necessity, its demand is not likely to be affected by change in its price. So, demand for such goods is price – inelastic. On the other hand, demand for luxuries is elastic, because with rise in price consumer may reduce demand for luxuries.</p> <p><b>(ii) Availability of the close substitutes of the good.</b> Larger the number of substitutes available more is the choice before the consumer and so more elastic is the demand.</p> <p style="text-align: right;"><b>(Any other relevant factor)</b></p>	<p style="text-align: center;"><b>4</b></p> <p style="text-align: center;"><b>2</b></p> <p style="text-align: center;"><b>2</b></p>
10	<p>Market demand is sum of the demand of all buyers of a commodity at a given price during a period of time.</p> <p>Factor affecting market demand:</p> <p><b>(i)</b> Number of buyers.  <b>(ii)</b> Price of the commodity  <b>(iii)</b> Income of its buyers  <b>(iv)</b> Prices of the related goods  <b>(v)</b> Tastes and preferences of the consumers.  <b>(vi)</b> Distribution of income.</p> <p style="text-align: right;"><b>(Statement only)</b>  <b>(Any Three)</b></p>	<p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>1x3</b></p>
11	<p>Given income of the consumer and the prices of goods he buys the consumer is said to be in equilibrium when he spends income in such a way that he gets maximum satisfaction.</p> <p>The two conditions of equilibrium, assuming only two goods consumed, are</p> <p><b>(i)</b> <math>MRS = \frac{P_x}{P_y}</math>  <b>(ii)</b> MRS falls as more is consumed of X</p>	<p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>1</b></p>



	<p><b>Explanation :</b></p> <p>(1) Suppose <math>MRS &gt; \frac{P_x}{P_y}</math>. It means that consumer is willing to pay more for good X, then the prevailing market price. Consumer buys more of X and less of Y till <math>MRS = \frac{P_x}{P_y}</math> again.</p> <p>(2) Unless MRS has a tendency to fall as more is purchased the consumer will never reach equilibrium again.</p> <p style="text-align: center;"><b>(Note : Explanation <math>MRS &lt; \frac{P_x}{P_y}</math> is also correct)</b></p>	<p style="text-align: center;">2</p> <p style="text-align: center;">1</p>
<p>12</p>	<p><b>The two conditions of producer's equilibrium are</b></p> <p>(i) <math>MC = MR</math></p> <p>(ii) <math>MC</math> becomes greater than <math>MR</math> if more is produced after the point of equilibrium.</p> <p><b>Explanation</b></p> <p>(i) If <math>MC</math> is less than <math>MR</math>. it is profitable to produce more units till <math>MC</math> becomes equal to <math>MR</math>.</p> <p>(ii) When <math>MC</math> becomes greater than <math>MR</math> after the <math>MR = MC</math> condition, production of each new unit is sold at a loss, which leads to decline in profits.</p> <p style="text-align: center;"><b>OR</b></p> <p>(a) (i) When <math>MR &gt; AR</math>, <math>AR</math> rises.  (ii) When <math>MR &lt; AR</math>, <math>AR</math> falls.  (iii) When <math>MR = AR</math>, <math>AR</math> is constant.</p> <p>(b) (i) When <math>MR</math> is positive <math>TR</math> rises.  (ii) When <math>MR</math> is zero <math>TR</math> is maximum.  (iii) When <math>MR</math> negative <math>TR</math> falls.</p>	<p style="text-align: center;">1</p> <p style="text-align: center;">1</p> <p style="text-align: center;">2</p> <p style="text-align: center;">2</p> <p style="text-align: center;">1x3</p> <p style="text-align: center;">1x3</p>
<p>13</p>	<div style="text-align: center;"> </div> <p><b>Explanation :</b> As variable input is increased :</p> <p>Phase I : <math>TP</math> rises at increasing rate and <math>MP</math> rises i.e. upto A on <math>TP</math> curve.</p> <p>Phase II : <math>TP</math> rises at decreasing rate and <math>MP</math> falls but remains positive between A and B.</p> <p>Phase III : <math>TP</math> falls and <math>MP</math> becomes negative after B.</p> <p style="text-align: right;"><b>(Explanation)</b></p> <p><b><u>For blind Candidate only</u></b></p> <p>Schedule</p> <p>Explanation (on the above lines)</p>	<p style="text-align: center;">3</p> <p style="text-align: center;">3</p> <p style="text-align: center;">3</p> <p style="text-align: center;">3</p>



14	 <p>Increase in income results in increase in demand for the normal good DD curve shifts to dd'. There is excess demand (equal to AB) at OP price. The buyers compete. price starts rising. Demand starts falling (contraction) and supply starts rising (expansion). These changes continue till price reaches OP<sub>1</sub>. At this price DD=SS. Market is in equilibrium again at a higher price and equilibrium quantity rises to OQ<sub>1</sub>.</p> <p><b>For Blind Candidates :</b></p> <p>When supply decreases, there is excess demand at the given price. Explanation on same lines as above.</p>	2  4  2 4
<b>SECTION – B</b>		
15	(b)	1
16	(c)	1
17	(a)	1
18	(i) Money with the public (ii) Demand Deposits	1
19	(d)	1
20	<p>(a) Investment Multiplier refers to the multiple increase in income, due to given increase in investment.</p> <p>(b) Aggregate supply is the total quantity of goods and services planned to be produced in an economy during a period .</p> <p style="text-align: center;"><b>OR</b></p> <p>(a) <b>Aggregate demand</b> is total value of final goods and services planned to be bought in an economy at a given level of income during a period.</p> <p>(b) <b>Full Employment</b> is a situation when all those who are able and willing to work get employment at the prevailing wage rate.</p>	1½  1½  1½ 1½
21	It means fall in price of domestic currency in terms of foreign currency. So domestic goods become cheaper for foreigners. So exports may rise.	3





22	$Y = C + I \text{ and } C = 200 + 0.9y; I = 1000$ $Y = 200 + 0.9Y + 1000$ $0.1y = 1200$ $Y = 12000$	<p>1</p> <p>1</p> <p>½</p> <p>½</p>
23	<p>Autonomous transactions are made independently of other transactions in balance of payments. Accommodating transactions are made to cover up deficit or surplus in autonomous transactions.</p> <p>The significance of distinction is that deficit / surplus in balance of payments equals deficit/ surplus in autonomous transactions only.</p>	<p>2</p> <p>2</p>
24	$NVA_{fc} = i + vi - iv - iii - vii$ $= 300 + 20 - 120 - 30 - 15$ $= \text{Rs. } 155 \text{ crore}$	<p>1½</p> <p>2</p> <p>½</p>
25	<p>Goods purchased by a production unit from other production units for resale or for using them completely during the same year are intermediate goods whereas goods purchased for consumption / investment are final goods.</p> <p>Intermediate good : raw material... etc.</p> <p>Final good : Machine purchased for installation in factory.... etc.</p> <div data-bbox="393 1423 1387 1920" data-label="Diagram"> </div> <p>Production units engage factor owners from households and in return make factor payments to them. The households spend income on goods and services produced by production units. This completes the circular flow of income.</p> <p><b>Note : For Blind candidate flow chart is not necessary. Full marks will be awarded if only explanation is given.</b></p>	<p>3</p> <p>½</p> <p>½</p> <p>1</p> <p>3</p>
26	<p>When <math>AD &lt; AS</math> inventories accumulate. As a result producers reduce production, AS falls. This process continues till <math>AD = AS</math>.</p> <p>If <math>AD &gt; AS</math>, inventories fall. To make up for this producer's increase production. AS increases. This process continues till <math>AD = AS</math>.</p>	<p>3</p> <p>3</p>



27	<p>Inequalities of income and wealth reflect a section of society being deprived of even basic necessities. Thus arises the need for reducing them in the society.</p> <ul style="list-style-type: none"> <li>• Progressive taxation.</li> <li>• Increasing government's expenditure.</li> </ul> <p style="text-align: right;"><b>(Explanation)</b></p>	<p style="text-align: center;"><b>2</b></p> <p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>(1x2)</b></p>
28	<p>(i) Banker to the Government  (ii) Bankers' bank  (iii) Controller of credit  (iv) Bank of issue</p> <p style="text-align: center;"><b>OR</b></p> <p>Bank rate is the rate of interest at which commercial banks can borrow from the central bank. Lowering bank rate encourages commercial banks to reduce their lending rate to public. Since borrowing becomes cheaper, people borrow more. This raises money supply. Raising bank rate has the opposite effect.</p> <p style="text-align: right;"><b>(any two)</b> <b>(Explanation)</b></p>	<p style="text-align: center;"><b>1x2</b></p> <p style="text-align: center;"><b>2x2</b></p> <p style="text-align: center;"><b>6</b></p>
29	$N.I. = (iv) + (viii) + \{(i) + (ii)\} - (iii) - (v) + (vi) - (ix)$ $= 1500 + 600 + (200 - 30) - 50 - 100 + 60 - 20$ $= Rs. 2160 \text{ Crore.}$ $N.N.D.I. = N.I. + (v) - (x)$ $= 2160 + 100 - (-10)$ $= Rs. 2270 \text{ Crore.}$	<p style="text-align: center;"><b>1 ½</b></p> <p style="text-align: center;"><b>2</b></p> <p style="text-align: center;"><b>½</b></p> <p style="text-align: center;"><b>1</b></p> <p style="text-align: center;"><b>½</b></p> <p style="text-align: center;"><b>½</b></p>

