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#### Topic:- BE PHD S2

1) Read the given passage and answer the question that follows.

Erosion is regarded not merely as the physical removal of soil by water and wind, but rather as the deterioration of all the component parts of the habitat in which man and his crops and livestock have to exist. Since there is no conclusive evidence for any major climatic change in historic times to explain this deterioration, we must conclude that the eroding of the total environment has been due primarily to thoughtless destruction of the vegetative cover. This has led to deterioration of the microclimate above and below the surface, generally in the direction of a general drying out of the soil which has exposed it to erosive action of wind and rainfall of high intensity or frequency, and to the loss of organic matter in the soil, thus reducing its capacity to resist erosion by conserving the water that falls on the surface. If everything possible is done within the total environment to conserve the naturally planted or cultivated vegetation, this will also ensure optimal conservation of soil and water.

The definition of erosion given in this passage \_\_\_\_\_\_

[Question ID = 1834] 1. is a strictly regional one
[Option ID = 7330] 2. disregards man's role in it
[Option ID = 7332] 3. concentrates on flooding
[Option ID = 7334] 4. is a broad one
[Option ID = 7336]
Correct Answer :- • is a broad one [Option ID = 7336]
2) Choose the answer that is closest in meaning to the given word in capital.
AUDACIOUS

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[Question ID = 1836]

1. Useless

[Option ID = 7338]

2. Bold

[Option ID = 7340]

3. Foolish

[Option ID = 7342]

4. Necessary

[Option ID = 7344]

Correct Answer :-

• Bold

[Option ID = 7340]

3) Choose the answer that is closest in meaning to the given word in capital.

RETROSPECT
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### [Question ID = 1838]

1. second thoughts

[Option ID = 7346]

2. think deeply

[Option ID = 7347] 3. admiration

Correct Answer :-	www.FirstRanker.com	www.FirstRanker.com
<ul> <li>second thoughts</li> </ul>		
[Option ID = 7346]		
4) Choose the answer that is close	est in meaning to the given word in capital.	
CONGENITAL		
[Question ID = 1840] 1. peaceful		
[Option ID = 7354] 2. inherent		
[Option ID = 7356] 3. happy		
[Option ID = 7358] 4. illness		
[Option ID = 7360]		
Correct Answer :- <ul> <li>inherent</li> </ul>		
[Option ID = 7356]		
5) Choose the answer that is oppo	osite in meaning to the given word in capital.	
ABNEGATION		
[Question ID = 1843]		
[Option ID = 7363]		
[Option ID = 7365]		
[Option ID = 7367]		
[Option ID = 7369]		
Correct Answer :-		
<ul> <li>indulgence</li> <li>[Option ID = 7369]</li> </ul>		
6) Choose the answer that is oppo	osite in meaning to the given word in capital.	
AVUNCULAR		
[Question ID = 1844]		
[Option ID = 7371]		
[Option ID = 7373] 3. like an uncle		
[Option ID = 7375] 4. hurtful		
[Option ID = 7377]		
Correct Answer :- • hurtful		

PREAMBLE

	WWW.FIIStrainel.com	www.FirstRanker.com
2. introduction		
[Option ID = 7379] 3. walk fast		
[Option ID = 7380] 4. starting		
[Option ID = 7382]		
Correct Answer :-		
• concluding		
[Option ID = 7378]		
8) Choose the answer that is oppo	site in meaning to the given word in capital.	
SOPORIFIC		
[Question ID = 1849] 1. drowsiness		
[Option ID = 7387] 2. sick		
[Option ID = 7389] 3. alert		
[Option ID = 7391] 4. sleeping pill		
[Option ID = 7393]		
Correct Answer :-		
<ul> <li>alert</li> <li>[Option ID = 7391]</li> <li>9) Choose the answer that is opposite</li> </ul>	site in meaning to the given word in capital	
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert [Option ID = 7391]</li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert         [Option ID = 7391]</li> <li>9) Choose the answer that is oppo         KNEE-JERK         [Question ID = 1851]         1. thumb-jerk</li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert         [Option ID = 7391]</li> <li>9) Choose the answer that is oppo         KNEE-JERK         [Question ID = 1851]         thumb-jerk         [Option ID = 7397]         well planned</li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK </li> <li>[Question ID = 1851] <ul> <li>thumb-jerk</li> <li>[Option ID = 7397]</li> <li>well planned</li> <li>[Option ID = 7398]</li> <li>instant</li> </ul> </li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> <li>[Question ID = 1851] <ul> <li>thumb-jerk</li> <li>[Option ID = 7397]</li> <li>well planned</li> <li>[Option ID = 7398]</li> <li>instant</li> <li>[Option ID = 7400]</li> <li>instantaneous</li> </ul> </li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert [Option ID = 7391]</li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> <li>[Question ID = 1851]</li> <li>1. thumb-jerk [Option ID = 7397]</li> <li>2. well planned [Option ID = 7398]</li> <li>3. instant [Option ID = 7400]</li> <li>4. instantaneous [Option ID = 7401]</li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> </ul> <li>[Question ID = 1851] <ul> <li>thumb-jerk</li> <li>[Option ID = 7397]</li> <li>well planned</li> <li>[Option ID = 7398]</li> <li>instant</li> <li>[Option ID = 7400]</li> <li>instantaneous</li> <li>[Option ID = 7401]</li> </ul> </li> <li>Correct Answer :-</li>	nsite in meaning to the given word in capital.	
<ul> <li>alert [Option ID = 7391]</li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> <li>[Question ID = 1851]</li> <li>1. thumb-jerk [Option ID = 7397]</li> <li>2. well planned [Option ID = 7398]</li> <li>3. instant [Option ID = 7400]</li> <li>4. instantaneous [Option ID = 7401]</li> <li>Correct Answer :-</li> <li>well planned</li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert [Option ID = 7391]</li> <li>9) Choose the answer that is oppo</li> <li>69) Choose the answer that is oppo</li> <li>60</li> <li>60</li> <li>60</li> <li>60</li> <li>7397]</li> <li>7398]</li> </ul>	site in meaning to the given word in capital.	
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> <li>[Question ID = 1851] <ul> <li>thumb-jerk</li> <li>[Option ID = 7397]</li> </ul> </li> <li>well planned <ul> <li>[Option ID = 7398]</li> </ul> </li> <li>instant <ul> <li>[Option ID = 7400]</li> </ul> </li> <li>instantaneous <ul> <li>[Option ID = 7401]</li> </ul> </li> <li>Correct Answer :- <ul> <li>well planned</li> <li>[Option ID = 7398]</li> </ul> </li> <li>10) The following sentence has be</li> </ul>	rsite in meaning to the given word in capital.	which part is grammatically incorre
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> <li>[Question ID = 1851] <ul> <li>thumb-jerk</li> <li>[Option ID = 7397]</li> </ul> </li> <li>Well planned <ul> <li>[Option ID = 7398]</li> </ul> </li> <li>instant <ul> <li>[Option ID = 7400]</li> </ul> </li> <li>instantaneous <ul> <li>[Option ID = 7401]</li> </ul> </li> <li>Correct Answer :- <ul> <li>well planned</li> <li>[Option ID = 7398]</li> </ul> </li> <li>10) The following sentence has be Rahul a genuine raconteur whose</li> </ul>	esite in meaning to the given word in capital. een divided into parts 1, 2, 3, and 4. Point out se stories fascinate his listeners.	which part is grammatically incorre
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is opported by the second secon</li></ul>	esite in meaning to the given word in capital. een divided into parts 1, 2, 3, and 4. Point out se stories fascinate his listeners. 3 4	which part is grammatically incorre
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is opported by the second secon</li></ul>	eren divided into parts 1, 2, 3, and 4. Point out se stories fascinate his listeners.	which part is grammatically incorre
<ul> <li>alert [Option ID = 7391]</li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> <li>[Question ID = 1851]</li> <li>1. thumb-jerk [Option ID = 7397]</li> <li>2. well planned [Option ID = 7400]</li> <li>3. instant [Option ID = 7400]</li> <li>4. instantaneous [Option ID = 7401]</li> <li>Correct Answer :- <ul> <li>well planned</li> <li>[Option ID = 7398]</li> </ul> </li> <li>10) The following sentence has bee Rahul a genuine raconteur whose <ul> <li>1</li> <li>2</li> </ul> </li> </ul>	esite in meaning to the given word in capital. een divided into parts 1, 2, 3, and 4. Point out se stories fascinate his listeners. 3 4	which part is grammatically incorre
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is opported by the second state of t</li></ul>	een divided into parts 1, 2, 3, and 4. Point out <u>se stories</u> <u>fascinate his listeners</u> .	which part is grammatically incorre
<ul> <li>alert <ul> <li>[Option ID = 7391]</li> </ul> </li> <li>9) Choose the answer that is opported by the second secon</li></ul>	esite in meaning to the given word in capital. even divided into parts 1, 2, 3, and 4. Point out se stories fascinate his listeners. 3 4	which part is grammatically incorre
<ul> <li>alert [Option ID = 7391]</li> <li>9) Choose the answer that is oppo</li> <li>KNEE-JERK</li> <li>[Question ID = 1851]</li> <li>1. thumb-jerk [Option ID = 7397]</li> <li>2. well planned [Option ID = 7400]</li> <li>3. instant [Option ID = 7400]</li> <li>4. instantaneous [Option ID = 7401]</li> <li>Correct Answer :- <ul> <li>well planned</li> <li>[Option ID = 7398]</li> </ul> </li> <li>10) The following sentence has bee <ul> <li>Rahul a genuine raconteur whose</li> <li>1</li> <li>2</li> </ul> </li> <li>[Question ID = 1852]</li> <li>1. Rahul a genuine [Option ID = 7402]</li> </ul>	even divided into parts 1, 2, 3, and 4. Point out se stories fascinate his listeners. 3 4	which part is grammatically incorre

<ul> <li>Almit a sensitive [Option 10 - 7402]</li> <li>11) Consider the following Statement and choose the correct option below : "Domestic minus foreign interest rate would equal the expected rate of depreciation of the domestic currency". [Question 10 = 1854] . This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option 10 - 740] . This Statement would be True in the presence of limited capital mobility under which domestic on foreign rates would always be equal. [Option 10 - 741] . This Statement is Theoring in case the spot rate is equal to the Forward rate of exchange. [Option 10 - 741] . This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option 10 - 741] . This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option 10 - 741] . This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option 10 - 741] . This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option 10 - 741] . This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option 10 - 741] . The stata sales S of a one-product firm are given by S (L,M) = ML - L<sup>2</sup> , where M = cost of materials and L = cost of [abor: The maximum value of this function subject to the budget constraint M + L = 80 is;- [Question 10 - 1856] . 5 = 800 at L = 20, M = 90 [Option 10 - 742] . So and L = 20, M = 90 [Option 10 - 742] . So and L = 20, M = 90 [Option 10 - 742] . So and L = 20, M = 90 [Option 10 - 742] . Average total cost is decreasing marginal cost is also decreasing and lies left of average cost but when average cost is fing, marginal cost is also rising and lies right of average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing, marginal cost is equal to average variable costs. Which of the above is/ are true? [Q</li></ul>	Correct Answer :-	www.FirstRanker.com	www.FirstRanker.com
<pre>[Option ID - 7402] 11) Consider the following Statement and choose the correct option below : "Domestic minus foreign interest rate would equal the expected rate of depreciation of the domestic currency". [Question ID = 1854] This Statement would be true in the presence of capital account convertibility and flexible exchange rates states [Option ID = 7410] This Statement is False in the presence of perfect capital mobility under which domestic and foreign rates would always be equal. [Option ID = 7411] This Statement is False in the presence of perfect capital mobility under which domestic and foreign rates would always be equal. [Option ID = 7413] This Statement is False in the presence of capital account convertibility and flexible exchange rates [Option ID = 7415] Correct Answer :-</pre>	Rahul a genuine		
<ul> <li>1) Consider the following Statement and choose the correct option below :</li> <li>"Domestic minus foreign interest rate would equal the expected rate of depreciation of the domestic currency".</li> <li>(Question ID = 1854)</li> <li>This Statement would be true in the presence of capital account convertibility and flexible exchange rates system in the domestic country (Dption ID = 741)</li> <li>This Statement is faile in the presence of perfect capital mobility under which domestic and foreign rates would always be equal. (Dption ID = 741)</li> <li>This Statement would be true in the presence of perfect capital mobility under which domestic and foreign rates would always be equal. (Dption ID = 7413)</li> <li>This Statement would be true in the presence of capital account convertibility and flexible exchange rates (Dption ID = 7413)</li> <li>This Statement would be true in the presence of capital account convertibility and flexible exchange rates (Dption ID = 7416)</li> <li>This Statement would be true in the presence of capital account convertibility and flexible exchange rates (Dption ID = 7416)</li> <li>The total sales 5 of a one-product firm are given by 5 (L,M) = ML - L<sup>2</sup> , where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 Is:-</li> <li>(Question ID = 1856)</li> <li>S = 600 at L = 20, M = 60 (Dption ID = 7442)</li> <li>So = 600 at L = 20, M = 60 (Dption ID = 7442)</li> <li>So = 600 at L = 20, M = 60 (Dption ID = 7443)</li> <li>S = 100 at L = 20, M = 60 (Dption ID = 7443)</li> <li>S = 100 at L = 20, M = 60 (Dption ID = 7443)</li> <li>S = 100 at L = 20, M = 60 (Dption ID = 7443)</li> <li>S = 100 at L = 20, M = 60 (Dption ID = 7443)</li> <li>S = 100 at L = 20, M = 60 (Dption ID = 7443)</li> <li>S = 100 at L = 20, M = 60 (Dption ID = 7443)</li> <li>S = 100 at Si also rising and lies right of average variable costs (AVC) are generally 'U' shaped. </li> <li>S When average cost is decreasing, marginal cost is also decreasing</li></ul>	[Option ID = 7402]		
"Domestic minus foreign interest rate would equal the expected rate of depreciation of the domestic currency".          Question ID = 1854]         • This Statement would be true in the presence of capital account convertibility and flexible exchange rates         [Option ID = 7410]         • This Statement would be true only in the presence of perfect capital mobility under which domestic and foreign rates would always be equal.         (Option ID = 7411]         • This Statement is True only in case the spot rate is equal to the Forward rate of exchange.         (Option ID = 7415)         Carrect Answer :         • This Statement would be true in the presence of capital account convertibility and flexible exchange rates         (Option ID = 7415)         Carrect Answer :         • This Statement would be true in the presence of capital account convertibility and flexible exchange rates         (Option ID = 7415)         Carrect Answer :         • This Statement would be true in the presence of capital account convertibility and flexible exchange rates         (Option ID = 7416]         Carrect Answer :         • 100 at L = 30, M = 40         (Option ID = 7420)         • 5 = 1000 at L = 30, M = 50         (Option ID = 7421)         • Fore of these         (Option ID = 7423)         • So at L = 20, M = 40         (Option ID = 7424)         Carre	11) Consider the following Statement	and choose the correct option below :	
Question ID = 1854]           This Statement would be True in the presence of capital account convertibility and flexible exchange rates splice in the domestic country (Dption ID = 7410)           This Statement would be true only in the presence of limited capital mobility under which domestic and foreign rates would always be equal.           (Dption ID = 7413)           This Statement is False in the presence of perfect capital mobility under which domestic and foreign rates would always be equal.           (Dption ID = 7413)           This Statement is False in the presence of capital account convertibility and flexible exchange rates           (Dption ID = 7415)           Correct Answer :-           * This Statement would be True in the presence of capital account convertibility and flexible exchange rates           (Dption ID = 7416)           Correct Answer :-           * This Statement would be True in the presence of capital account convertibility and flexible exchange rates           (Dption ID = 7416)           Correct Answer :-           * This Statement would be True in the presence of capital account convertibility and flexible exchange rates           (Dption ID = 7418)           : 5 = 1000 at L = 20. M = 60           (Dption ID = 7420)           : 5 = 1000 at L = 0. M = 60           (Dption ID = 7421)           : Note of these           (Dption ID = 7428)           : Average total costs	"Domestic minus foreign interest rate	would equal the expected rate of depreciati	ion of the domestic currency".
<pre>[Option ID - 7410] This Statement would be true only in the presence of limited capital mobility and fixed exchange rate system in the domestic country [Option ID - 7411] This Statement Is False in the presence of perfect capital mobility under which domestic and foreign rates would always be equal. [Option ID - 7413] This Statement is True only in case the spot rate is equal to the forward rate of exchange. [Option ID - 7413] This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option ID - 7410] This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option ID - 7410] To the tast sales S of a one-product firm are given by S (L,M) = ML - L<sup>2</sup>, where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 is:- [Question ID = 1856] . S = 800 at L = 20, M = 60 [Option ID - 748] . S = 1000 at L - 30, M = 50 [Option ID - 7420] . S = 1000 at L - 0, M = 60 [Option ID - 7422] . None of these [Option ID - 7424] Correct Answer :- . S = 800 at L = 20, M = 60 [Option ID - 7424] Correct Answer :- . S = 800 at L = 20, M = 60 [Option ID - 7428] . S = 100 at L = 30, M = 30 [Option ID - 7428] . S = 100 at L = 30, M = 40 [Option ID - 7428] . S = 100 at L = 30, M = 60 [Option ID = 7428] . So all cost (ATC), marginal cost is also decreasing and lies left of average cost but when average cost is ring, marginal cost is also ring and lies right of average cost. . Shut down refers to the point where marginal cost is also decreasing and lies left of average cost but when average cost is ring, marginal cost is also ring and lies right of average cost. Which of the above is/ are true? [Question ID = 7428] . Owly &amp; b &amp; [Option ID = 7427] . Owly &amp; b &amp; [Option ID = 7427] . Owly &amp; b &amp; [Option ID = 7427] . Owly &amp; b &amp; [Option ID = 7428] . All of these [Option ID = 7428] . All of these [Option ID = 7427] . Owly a fab [Option ID = 7428] . All of these [Option ID = 7428</pre>	<b>[Question ID = 1854]</b> 1. This Statement would be True in the present	ce of capital account convertibility and flexible exchar	nge rates
<pre>[Option ID = 7411] This Statement is False in the presence of perfect capital mobility under which domestic and foreign rates would always be equal. [Option ID = 7413] This Statement is True only in case the spot rate is equal to the Forward rate of exchange. [Option ID = 7415] Correct Answer :- This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option ID = 7410] 12) The total sales S of a one-product firm are given by S (L,M) = ML - L<sup>2</sup> , where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 is:- [Question ID = 1856] . 5 = 800 at L = 20, M = 60 [Option ID = 7448] . 5 = 1000 at L = 30, M = 50 [Option ID = 7422] . None of these [Option ID = 7424] . None of these [Option ID = 7424] . S = 800 at L = 20, M = 60 [Option ID = 7424] . S = 800 at L = 20, M = 60 [Option ID = 7424] . S = 800 at L = 20, M = 60 [Option ID = 7424] . Some of these [Option ID = 7428] . S = 1000 at L = 30, M = 50 [Option ID = 7428] . S = 800 at L = 20, M = 60 [Option ID = 7428] . Some of these [Option ID = 7428] . Subject of the following:- a. Average total cost (ACC), marginal cost is also decreasing and lies left of average cost but when average cost is fing, marginal cost is also rising and lies right of average variable costs. (Which of the above is/ are true? [Question ID = 1859] . Only a b [Option ID = 7427] . Only a b [Option ID = 7427] . Only a b [Option ID = 7427] . Only a b [Option ID = 7428] . Both a £ c [Option ID = 7428] . All of these [Option ID = 7428] . All</pre>	[Option ID = 7410] 2. This Statement would be true only in the pro-	esence of limited capital mobility and fixed exchange	rate system in the domestic country
<pre>[Option ID - 7413] This Statement is True only in case the spot rate is equal to the Forward rate of exchange. [Option ID - 7415] Correct Answer :- This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option ID - 7410] 12) The total sales S of a one-product firm are given by S (L,M) = AL - L<sup>2</sup> , where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 is:- [Question ID = 1856] S = 800 at L = 20, M = 60 [Option ID = 7418] S = 1000 at L = 30, M = 50 [Option ID = 7420] S = 1200 at L = 40, M = 40 [Option ID = 7421] Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost I rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is also decreasing and lies left of average cost but when average cost I rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is also decreasing and lies left of average cost but when average cost I rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is also decreasing and lies left of average cost but when average cost I rising, marginal cost is also rising and lies right of average variable cost. Which of the above is/ are true? [Question ID = 7428] only b &amp; b [Option ID = 7428] only b &amp; c [Option ID = 7429] correct Answer ;-</pre>	[Option ID = 7411] 3. This Statement is False in the presence of po	erfect capital mobility under which domestic and forei	ign rates would always be equal.
[Option ID - 7415] Greet Answer :- • This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option ID - 7410] 12) The total sales S of a one-product firm are given by S (L,M) = ML - L <sup>2</sup> , where M = cost of materials and L = cost of lador. The maximum value of this function subject to the budget constraint M + L = 80 is:- [Question ID = 1856] . S - 800 at L - 20 , M - 60 [Option ID - 7418] . S = 1000 at L = 30 , M = 50 [Option ID - 7420] . S = 1200 at L = 40 , M = 40 [Option ID - 7421] . None of these [Option ID - 7424] Correct Answer :- . S - 800 at L - 20 , M - 60 [Option ID - 7418] 13) Consider the following:- a, Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing marginal cost is also decreasing and lies left of average cost but when average cost is rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is equal to average variable cost. Which of the above is/ are true? [Question ID = 1859] . Only a Eb [Option ID - 742] . Only 6 c [Option ID - 742] . Only 6 c [Option ID - 742] . Only 6 c [Option ID - 742] . Othy 6 c [Option ID - 742] . All of these [Option ID - 742] . Correct Answer :-	[Option ID = 7413] 4. This Statement is True only in case the spot	rate is equal to the Forward rate of exchange.	
<pre>Correct Answer :- • This Statement would be True in the presence of capital account convertibility and flexible exchange rates [Option ID - 7410] 12) The total sales S of a one-product firm are given by S (L,M) = ML - L<sup>2</sup> , where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 is:- [Question ID = 1855] . S - 800 at L - 20 , M - 60 [Option ID - 7412] . So not of these [Option ID - 7422] . None of these [Option ID - 7423] 13) Consider the following:- a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost is rising, marginal cost is also decreasing and lies left of average cost. c. Shut down refers to the point where marginal cost is equal to average variable cost. Which of the above is/ are true? [Question ID = 1859] . Only a b [Option ID - 7423] . All of these [Option ID - 7423] . Correct Answer :</pre>	[Option ID = 7415]		
Intersection model with the model product of copied account connectioning and next dome exchange facts         (Option ID - 7410)         12) The total sales S of a one-product firm are given by S (L,M) = ML - L <sup>2</sup> , where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 is;-         [Question ID = 1856]         . 5 - 800 at L - 20 , M - 60         [Option ID - 748]         . 5 - 1000 at L - 30 , M - 50         [Option ID - 7420]         . S - 1000 at L - 30 , M - 50         [Option ID - 7420]         . S - 1000 at L - 20 , M - 60         [Option ID - 7421]         . None of these         [Option ID - 7423]         . None of these         [Option ID - 7424]         Correct Answer :-         . S - 800 at L = 20 , M - 60         [Option ID - 7418]         13) Consider the following:-         a. Average tost a cost (ACC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped.         b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost.         Which of the above is/ are true?         [Question ID = 1859]       . Only a & b         [Option ID - 7428]       . Both a & c         [Option ID - 7429] </td <td>Correct Answer :- • This Statement would be True in the present</td> <td>ce of capital account convertibility and flovible system</td> <td>nge rates</td>	Correct Answer :- • This Statement would be True in the present	ce of capital account convertibility and flovible system	nge rates
<ul> <li>12) The total sales S of a one-product firm are given by S (L,M) = ML - L<sup>2</sup>, where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 is;-</li> <li>[Question ID = 1856]</li> <li>S = 800 at L = 20, M = 60</li> <li>[Option ID - 742]</li> <li>S = 1200 at L = 40, M = 40</li> <li>[Option ID = 742]</li> <li>None of these</li> <li>[Option ID = 742]</li> <li>Correct Answer :-</li> <li>S = 800 at L = 20, M = 60</li> <li>[Option ID = 7418]</li> <li>13) Consider the following:-</li> <li>a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped.</li> <li>b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost.</li> <li>c. Shut down refers to the point where marginal cost is equal to average variable cost.</li> <li>Which of the above is/ are true?</li> <li>[Question ID = 7423]</li> <li>Only a E b [Option ID = 7423]</li> <li>Only a E c [Option ID = 7423]</li> <li>Both a E c [Option ID = 7423]</li> <li>Both a E c [Option ID = 7423]</li> <li>Servet Anwer :-</li> </ul>	[Option ID = 7410]	כי סי כמסונמו מכנסטות נסוועפו נוסוותy מוט תפצוסופ פאכחמו	ווצר ומוכט
12) The total sales S of a one-product firm are given by S (L,M) = ML - L <sup>2</sup> , where M = cost of materials and L = cost of labor. The maximum value of this function subject to the budget constraint M + L = 80 is:-          [Question ID = 1856]       .         S = 800 at L - 20 , M = 60       [Option ID = 7420]         . S = 1000 at L = 30 , M = 50       [Option ID = 7422]         . None of these       [Option ID = 7422]         . None of these       [Option ID = 7423]         . S = 800 at L - 20 , M = 60       [Option ID = 7424]         Correct Answer :-       .         S = 800 at L - 20 , M = 60       [Option ID = 7418]         . Onsider the following:-       .         a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped.         b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost.         c. Shut down refers to the point where marginal cost is equal to average variable cost.         Which of the above is/ are true?         [Question ID = 7428]         . Only & b         [Option ID = 7428]         . Only a b         [Option ID = 7430]         . All of these         [Option ID = 7432]	······		· · · · · · · · · · · · · · · · · · ·
[Question ID = 1856]         . S = 800 at L = 20 , M = 60         [Option ID = 7418]         . S = 1000 at L = 30 , M = 50         [Option ID = 7420]         . S = 1200 at L = 40 , M = 40         [Option ID = 7421]         . None of these         [Option ID = 7424]         Correct Answer :-         S = 500 at L = 20 , M = 60         [Option ID = 7418]         13) Consider the following:-         a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped.         b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost is right of average cost.         c. Shut down refers to the point where marginal cost is equal to average variable cost.         Which of the above is/ are true?         [Question ID = 7427]         Only b £         [Option ID = 7428]         . Both a £ c         [Option ID = 7428]         . Both a £ c         [Option ID = 7428]         . Both a £ c         [Option ID = 7430]         . All of these         [Option ID = 7432]	12) The total sales S of a one-product labor. The maximum value of this fun	t firm are given by S (L,M) = ML - L <sup>2</sup> , where ction subject to the budget constraint M + L	e M = cost of materials and L = cost of . = 80 is:-
<pre>[Option ID = 7418] 1. 5 = 1000 at L = 30 , M = 50 [Option ID = 7420] 5. 5 = 1200 at L = 40 , M = 40 [Option ID = 7422] 1. None of these [Option ID = 7424] Correct Answer :- 5 = 800 at L = 20 , M = 60 [Option ID = 7418] 13) Consider the following:- a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is equal to average variable cost. Which of the above is/ are true? [Question ID = 1859] . Only a &amp; b [Option ID = 7427] . Only b &amp; c [Option ID = 7428] . Both a &amp; c [Option ID = 7430] . All of these [Option ID = 7430] . All of these [Option ID = 7432] Correct Answer :-</pre>	<b>[Question ID = 1856]</b> 1. S = 800 at L = 20 , M = 60		
<pre>[Option ID = 7420] i. S = 1200 at L = 40 , M = 40 [Option ID = 7422] . None of these [Option ID = 7424] Correct Answer :- • S = 800 at L = 20 , M = 60 [Option ID = 7418] </pre>	[Option ID = 7418] 2. S = 1000 at L = 30 , M = 50		
[Option ID = 7422]         . None of these         [Option ID = 7424]         Correct Answer :-         • S = 800 at L = 20 , M = 60         [Option ID = 7418]         13) Consider the following:-         a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped.         b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost.         c. Shut down refers to the point where marginal cost is equal to average variable cost.         Which of the above is/ are true?         [Question ID = 1859]         . Only a & b         [Option ID = 7428]         . Both a & c         [Option ID = 7430]         . All of these         [Option ID = 7432]	[Option ID = 7420] 3. S = 1200 at L = 40 , M = 40		
[Option ID = 7424]         Correct Answer :-         • S = 800 at L = 20 , M = 60 [Option ID = 7418]         13) Consider the following:-         a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped.         b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost.         c. Shut down refers to the point where marginal cost is equal to average variable cost.         Which of the above is/ are true?         [Question ID = 1859]         . Only a & b         [Option ID = 7428]         Both a & c         [Option ID = 7430]         . All of these         [Option ID = 7432]	[Option ID = 7422] 4. None of these		
Correct Answer :- • S = 800 at L = 20 , M = 60 [Option ID = 7418] 13) Consider the following:- a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is equal to average variable cost. Which of the above is/ are true? [Question ID = 1859] . Only a E b [Option ID = 7427] . Only b C [Option ID = 7428] . Both a & c [Option ID = 7430] . All of these [Option ID = 7432] Correct Answer :-	[Option ID = 7424]		
[Option ID = 7418] 13) Consider the following:- a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is equal to average variable cost. Which of the above is/ are true? [Question ID = 1859] . Only a & b [Option ID = 7427] . Only b & c [Option ID = 7428] . Both a & c [Option ID = 7430] . All of these [Option ID = 7432] Correct Answer :-	Correct Answer :- • S = 800 at L = 20 , M = 60		
<ul> <li>13) Consider the following:-</li> <li>a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped.</li> <li>b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost.</li> <li>c. Shut down refers to the point where marginal cost is equal to average variable cost.</li> <li>Which of the above is/ are true?</li> <li>[Question ID = 1859]</li> <li>Only a &amp; b</li> <li>[Option ID = 7427]</li> <li>Only b &amp; c</li> <li>[Option ID = 7438]</li> <li>Both a &amp; c</li> <li>[Option ID = 7430]</li> <li>All of these</li> <li>[Option ID = 7432]</li> </ul>	[Option ID = 7418]		
a. Average total cost (ATC), marginal cost (MC) and average variable costs (AVC) are generally 'U' shaped. b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost. c. Shut down refers to the point where marginal cost is equal to average variable cost. Which of the above is/ are true? [Question ID = 1859] . Only a & b [Option ID = 7427] . Only b & c [Option ID = 7428] . Both a & c [Option ID = 7430] . All of these [Option ID = 7432]	13) Consider the following:-		
<ul> <li>b. When average cost is decreasing, marginal cost is also decreasing and lies left of average cost but when average cost i rising, marginal cost is also rising and lies right of average cost.</li> <li>c. Shut down refers to the point where marginal cost is equal to average variable cost.</li> <li>Which of the above is/ are true?</li> <li>[Question ID = 1859] <ul> <li>Only a &amp; b</li> <li>[Option ID = 7427]</li> <li>Only b &amp; c</li> <li>[Option ID = 7428]</li> <li>Both a &amp; c</li> <li>[Option ID = 7430]</li> <li>All of these</li> <li>[Option ID = 7432]</li> </ul> </li> </ul>	a. Average total cost (ATC), marginal o	cost (MC) and average variable costs (AVC) a	re generally 'U' shaped.
<ul> <li>c. Shut down refers to the point where marginal cost is equal to average variable cost.</li> <li>Which of the above is/ are true?</li> <li>[Question ID = 1859] <ul> <li>Only a &amp; b</li> <li>[Option ID = 7427]</li> <li>Only b &amp; c</li> <li>[Option ID = 7428]</li> <li>Both a &amp; c</li> <li>[Option ID = 7430]</li> <li>All of these</li> <li>[Option ID = 7432]</li> </ul> </li> </ul>	b. When average cost is decreasing, m rising, marginal cost is also rising and l	arginal cost is also decreasing and lies left of ies right of average cost.	f average cost but when average cost is
Which of the above is/ are true?         [Question ID = 1859]         . Only a & b         [Option ID = 7427]         . Only b & c         [Option ID = 7428]         . Both a & c         [Option ID = 7430]         . All of these         [Option ID = 7432]	c. Shut down refers to the point where	e marginal cost is equal to average variable o	cost.
[Question ID = 1859] . Only a & b [Option ID = 7427] . Only b & c [Option ID = 7428] . Both a & c [Option ID = 7430] . All of these [Option ID = 7432] 	Which of the above is/ are true?		
[Option ID = 7427] Only b & c [Option ID = 7428] Both a & c [Option ID = 7430] All of these [Option ID = 7432] Correct Answer :-	<b>[Question ID = 1859]</b> 1. Only a & b		
[Option ID = 7428] Both a & c [Option ID = 7430] All of these [Option ID = 7432] Correct Answer :-	[Option ID = 7427] 2. Only b & c		
[Option ID = 7430] All of these [Option ID = 7432] Sorrect Answer :-	[Option ID = 7428] 3. Both a & c		
[Option ID = 7432] Sorrect Answer :-	[Option ID = 7430] 4. All of these		
Correct Answer :-	[Option ID = 7432]		
	Correct Answer :-		

[Question ID = 1860]	www.FirstRanker.com	www.FirstRanker.com
1. 12 [Option ID = 7434]		
2. 14 [Option ID = $7435$ ]		
<ol> <li>Interpretation (1974)</li> <li>Unless we are given some more informa</li> </ol>	tion, we cannot say. [Option ID = 7438]	
Correct Answer :-		
• 12 [Option ID = 7434]		
15) If the elasticity of substitution when the wage-interest ratio is include	is less than one (inelastic) what will happen to reased?	o share of labour relative to capital's sha
<b>[Question ID = 1862]</b> 1. It will increase		
[Option ID = 7442] 2. It will decrease		
[Option ID = 7443] 3. It will remain same		
[Option ID = 7444] 4. None of these		
[Option ID = 7445]		
Correct Answer :- • It will increase		
[Option ID = 7442]		
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$	consumed of X and Y respectively; x > a, y > l	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$	consumed of X and Y respectively; x > a, y > l	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$	consumed of X and Y respectively; x > a, y > l	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7448]	consumed of <i>X</i> and <i>Y</i> respectively; x > a, y > l	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449]	consumed of <i>X</i> and <i>Y</i> respectively; x > a, y > b	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :-	consumed of <i>X</i> and <i>Y</i> respectively; x > a, y > h	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$	consumed of <i>X</i> and <i>Y</i> respectively; x > a, y > b	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449]	consumed of <i>X</i> and <i>Y</i> respectively; x > a, y > l	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449] 17) A firm has a production function	consumed of <i>X</i> and <i>Y</i> respectively; $x > a$ , $y > b$ on q = A. K <sup>0.5</sup> L <sup>1.8</sup> , where A is a positive consta	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449] 17) A firm has a production function [Question ID = 1864] 1. Decreasing returns to scale and diminish	consumed of X and Y respectively; $x > a, y > b$ on $q = A$ . $K^{0.5}L^{1.8}$ , where A is a positive constant	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2/(y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449] 17) A firm has a production function [Question ID = 1864] 1. Decreasing returns to scale and diminish [Option ID = 7450] 2. Increasing returns to scale and diminish	consumed of X and Y respectively; $x > a, y > b$ on $q = A$ . $K^{0.5}L^{1.8}$ , where A is a positive constant ning marginal products of the factor K	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2 / (y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449] <b>17) A firm has a production function</b> [Question ID = 1864] 1. Decreasing returns to scale and diminishi [Option ID = 7450] 2. Increasing returns to scale and diminishi [Option ID = 7451] 3. Decreasing returns to scale and increasi	consumed of X and Y respectively; $x > a$ , $y > b$ on $q = A$ . $K^{0.5}L^{1.8}$ , where A is a positive constant ning marginal products of the factor K ing marginal product for factor K	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2 / (y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449] 17) A firm has a production function [Question ID = 1864] 1. Decreasing returns to scale and diminishing [Option ID = 7450] 2. Increasing returns to scale and diminishing [Option ID = 7451] 3. Decreasing returns to scale and increasing [Option ID = 7452] 4. Constant returns to scale with increasing	consumed of X and Y respectively; $x > a, y > b$ on $q = A$ . $K^{0.5}L^{1.8}$ , where A is a positive constant ning marginal products of the factor K ing marginal product for factor K ng marginal product for factor K g marginal products for factor L	b) then a possible form for the utility
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(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2 / (y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449] 17) A firm has a production function [Question ID = 1864] 1. Decreasing returns to scale and diminishi [Option ID = 7450] 2. Increasing returns to scale and diminishi [Option ID = 7451] 3. Decreasing returns to scale and increasing [Option ID = 7452] 4. Constant returns to scale with increasing [Option ID = 7453] Correct Answer :-	consumed of X and Y respectively; $x > a$ , $y > b$ on $q = A$ . $K^{0.5}L^{1.8}$ , where A is a positive constant ning marginal products of the factor K ing marginal product for factor K ng marginal product for factor K g marginal products for factor L	b) then a possible form for the utility
(where x and y denote quantities of function of the household is [Question ID = 1863] 1. $\ln(x - a) - \ln(y - b)$ [Option ID = 7446] 2. $\ln(x - a)/\ln(y - b)$ [Option ID = 7447] 3. $(x - a)^2 / (y - b)^2$ [Option ID = 7448] 4. $(x - a)^2 + (y - b)^2$ [Option ID = 7449] Correct Answer :- • $(x - a)^2 + (y - b)^2$ [Option ID = 7449] 17) A firm has a production function [Question ID = 1864] 1. Decreasing returns to scale and diminishi [Option ID = 7450] 2. Increasing returns to scale and diminishi [Option ID = 7451] 3. Decreasing returns to scale and increasing [Option ID = 7452] 4. Constant returns to scale with increasing [Option ID = 7453] Correct Answer :- • Increasing returns to scale and diminishi	consumed of X and Y respectively; $x > a$ , $y > b$ on $q = A$ . $K^{0.5}L^{1.8}$ , where A is a positive constant ning marginal products of the factor K ing marginal product for factor K g marginal product for factor L ing marginal product for factor K	b) then a possible form for the utility

s that clanse th Race of scots when they of rased	
The movement of factors that causes changes in price www.FirstRanker.com	www.FirstRanker.com
[Option ID = 7455]	
3. The over- or under-pricing of goods in intra-firm cross border trade of multinational companies	
4. The price which skilled and professional workers charge when transferred by companies	
[Option ID = 7457]	
Correct Answer :- <ul> <li>The over- or under-pricing of goods in intra-firm cross border trade of multinational companies</li> </ul>	
[Option ID = 7456]	
19) Assuming fixed prices, which of the following statements are true?	
1. Monetary policy is more effective, flatter the IS-curve.	
2. Fiscal policy is less effective, flatter the LM curve.	
<ol> <li>A. Monetary policy is ineffective and fiscal policy is fully effective in liquidity trap.</li> </ol>	
[Question ID = 1866]	
2. 1, 3, 4 are True [Option ID = 7459]	
<ol> <li>Only 4 is True [Option ID = 7460]</li> <li>None of the above are True [Option ID = 7461]</li> </ol>	
Correct Answer :-	
• 1, 3, 4 are True [Option ID = 7459]	
20) Consider the following regarding endogenous growth models:-	
<ol> <li>A prediction of these models is that there is an inverse relation between the groulevel of per capita income;</li> <li>These models emphasize positive externalities associated with human capital for Which of the above is/ are true?</li> </ol>	wth of GDP per capita and the initial mation and R&D
<b>[Question ID = 1867]</b> 1. Only 1 & 3	
[Option ID = 7462] 2. Only 2 & 3	
[Option ID = 7463] 3. Only 1 & 2	
[Option ID = 7464] 4. All of these	
[Option ID = 7465]	
Correct Answer :-	
[Option ID = 7462]	
21) What is Greenfield investment?	
[Question ID = 1868]	the by constructing new operational facilities
[Option ID = 7466]	in y by constructing new operational facilities.
<ol> <li>A form of foreign direct investment where a company purchases or leases existing production facili ID = 7467]</li> </ol>	ities to launch a new production activity. [Option
<ol> <li>Investment in Green initiatives by non-resident Indians. [Option ID = 7468]</li> <li>Foreign Investment in shares of Natural Resource based enterprises. [Option ID = 7469]</li> </ol>	
Correct Answer :-	
Correct Answer	
<ul> <li>A form of foreign direct investment where a parent company starts a new venture in a foreign cour [Option ID = 7466]</li> </ul>	ntry by constructing new operational facilities.

[Question ID = 1869] 1. Software exports.

<ul> <li>[Option ID = 7472]</li> <li>Remittances <ul> <li>[Option ID = 7473]</li> </ul> </li> <li>Correct Answer :- <ul> <li>Foreign Portfolio Investment flows</li> <li>[Option ID = 7472]</li> </ul> </li> <li>23) Faced with a surge in portfolio capital scontext consider the following Statements:-</li> </ul>	inflows, the Reserve Bank of India has o	
<ul> <li>Remittances <ul> <li>[Option ID = 7473]</li> </ul> </li> <li>Correct Answer :- <ul> <li>Foreign Portfolio Investment flows</li> <li>[Option ID = 7472]</li> </ul> </li> <li>23) Faced with a surge in portfolio capital scontext consider the following Statements:-</li> </ul>	inflows, the Reserve Bank of India has o	
[Option ID = 7473] Correct Answer :- • Foreign Portfolio Investment flows [Option ID = 7472] 23) Faced with a surge in portfolio capital for context consider the following Statements:-	inflows, the Reserve Bank of India has o	
<ul> <li>Correct Answer :-</li> <li>Foreign Portfolio Investment flows [Option ID = 7472]</li> <li>23) Faced with a surge in portfolio capital scontext consider the following Statements:-</li> </ul>	inflows, the Reserve Bank of India has o	
[Option ID = 7472] 23) Faced with a surge in portfolio capital context consider the following Statements:-	inflows, the Reserve Bank of India has o	
23) Faced with a surge in portfolio capital context consider the following Statements:	inflows, the Reserve Bank of India has o	
context consider the following Statements:	innows, the Reserve Dank of india has o	fton adopted Starilization policies. In this
		inten adopted stermisation policies. In th
(I) The need for sterilization by the RBI aris (II) The RBI can sterilize a surge in capital ir (III) The RBI can sterilize a surge in capital i	es as it tends to purchase dollars to pre nflows by carrying out open market sale nflows by decreasing the Cash Reserve	vent appreciation of the rupee. of bonds. Ratio.
Which of these Statements are True?		
[Question ID = 1870] I. II and III only		
[Option ID = 7474] 2. I and III only		
[Option ID = 7475] 3. I and II only		
[Option ID = 7476] 4. I, II and III		
[Option ID = 7477]		
Correct Answer :- • I and II only		
24) Consider the following specific stages of	of demographic transition associated wit	h economic development:
1. Low birth rate with low death rate		
2. High birth rate with high death rate		
3. High birth rate with low death rate		
Select the correct sequence of the above s	tages using the codes given below:	
[Question ID = 1871]		
[Option ID = 7478] 2. 2 followed by 1 followed by 3		
[Option ID = 7479] 3. 2 followed by 3 followed by 1		
[Option ID = 7480] I. 3 followed by 2 followed by 1		
[Option ID = 7481]		
Correct Answer :-		
<ul> <li>Z tollowed by 3 tollowed by 1</li> <li>[Option ID = 7490]</li> </ul>		
נסטרוטו וע = 1400]		
25) The labour units available in home and requirement for the production of oranges What would be the pattern of trade?	in foreign countries are 2400 units and is 6 in home and 10 in foreign, while for	d 1600 units respectively. The unit labour apples it is 4 in home and 2 in foreign.
<ul> <li>Home has comparative advantage in the production</li> <li>74821</li> </ul>	on of oranges so it will produce and export orang	ges and import apples from foreign. [Option ID =

3. Foreign has comparative advantage in the production of oranges so it will produce and export oranges and import apples from Home. [Option ID = 7484]

- nome has comparative duvantage in	Ineproduction of www.FirstRanker.comt oranges and www.FirstRamer.com
7482]	
26) Purchasing power parity re	fers to
[Question ID = 1873]	
1. Achieving equality in purchasing por	wer across different groups in society. [Option ID = 7486]
2. A theory of long run equilibrium exc	hange rate determination. [Option ID = 7487] ar. [Option ID = 7488]
4. A theory of effective demand. [Opt	on ID = 7489]
Correct Answer :-	
• A theory of long run equilibrium exc	hange rate determination. [Option ID = 7487]
27) The contribution of agricul	tural sector to GDP in India is determined by
[Ouestion ID = 1874]	
1. Input-Output approach [Option ID =	7490]
2. Periodic Surveys [Option ID = 7491]	-
3. Crop cutting experiments. [Option I	D = 7492]
4. Product flow approach. [Option ID =	7493]
Correct Answer :-	D - 74021
Crop cutting experiments. [Option	U = 7492]
28) If utensils worth Rs. 100 are	e produced with steel worth Rs.50, wages paid are Rs.10, depreciation of machinery is 0
other material purchased is Rs.	IU, then value added in the process is
[Question ID = 18/5]	
1. KS.4U [Uption ID = $7494$ ] 2. Rs 50 [Option ID = $74951$	
3. Rs.100 [Option ID = 7496]	
4. Rs. 10 [Option ID = 7497]	
Correct Answer :-	
• Rs.40 [Option ID = 7494]	
<ul> <li>(II) The money market deals in r</li> <li>(III) Investment in the money m</li> <li>(IV) The financial instruments ir</li> <li>[Question ID = 1876]</li> <li>1. Only (I) and (II) are True [Option ID</li> <li>2. Only (I) (II) and (III) are True [Option ID</li> </ul>	nonetary assets with period of maturity of up to one year arket entails huge sums of money a the Money market are highly liquid but yield low returns
<ol> <li>Only (I), (II) and (III) are True [Option</li> <li>Only (I), (II) and (IV) are True [Option</li> <li>All of the Statements are True [Option</li> </ol>	= 7496] on ID = 7499] on ID = 7500] on ID = 7501]
<ol> <li>Only (I), (II) and (III) are True [Opti</li> <li>Only (I), (II) and (IV) are True [Opti</li> <li>All of the Statements are True [Opti</li> </ol>	= 7496] on ID = 7499] on ID = 7500] ion ID = 7501]
<ul> <li>2. Only (I), (II) and (III) are True [Opti</li> <li>3. Only (I), (II) and (IV) are True [Opti</li> <li>4. All of the Statements are True [Opti</li> <li>Correct Answer :-</li> <li>All of the Statements are True [Opti</li> </ul>	on ID = 7499] on ID = 7500] ion ID = 7501] on ID = 7501]
<ol> <li>Only (I), (II) and (III) are True [Opti</li> <li>Only (I), (II) and (IV) are True [Opti</li> <li>All of the Statements are True [Opti</li> <li>Correct Answer :-</li> <li>All of the Statements are True [Opti</li> </ol>	= 7490] on ID = 7499] ion ID = 7500] ion ID = 7501]
<ul> <li>3. Only (I), (II) and (III) are True [Opti</li> <li>3. Only (I), (II) and (IV) are True [Opti</li> <li>4. All of the Statements are True [Opti</li> <li>Correct Answer :-</li> <li>All of the Statements are True [Opti</li> <li>30) Consider the following state</li> </ul>	<pre>= 7490] on ID = 7499] ion ID = 7500] ion ID = 7501] ion ID = 7501] ements about Financial Markets in India and choose the correct option below.</pre>
<ol> <li>2. Only (I), (II) and (III) are True [Optill</li> <li>3. Only (I), (II) and (IV) are True [Optill</li> <li>4. All of the Statements are True [Optill</li> <li>Correct Answer :-</li> <li>All of the Statements are True [Optill</li> <li>30) Consider the following state</li> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> </ol>	<ul> <li>ares, bonds, debentures etc. are important Money market instruments.</li> <li>are the only participants in the Capital market which is not open for individual investors.</li> </ul>
<ul> <li>2. Only (I), (II) and (III) are True [Opti</li> <li>3. Only (I), (II) and (IV) are True [Opti</li> <li>4. All of the Statements are True [Opti</li> <li>Correct Answer :-</li> <li>All of the Statements are True [Opti</li> <li>30) Consider the following state</li> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> </ul>	<ul> <li>Prayoj</li> <li>on ID = 7499]</li> <li>on ID = 7500]</li> <li>ion ID = 7501]</li> <li>ion ID = 7501]</li> <li>ements about Financial Markets in India and choose the correct option below.</li> <li>ares, bonds, debentures etc. are important Money market instruments.</li> <li>are the only participants in the Capital market which is not open for individual investors.</li> <li>tor who has an optimistic view about the share market.</li> </ul>
<ul> <li>2. Only (I), (II) and (III) are True [Optil</li> <li>3. Only (I), (II) and (IV) are True [Optil</li> <li>4. All of the Statements are True [Optil</li> <li>Correct Answer :- <ul> <li>All of the Statements are True [Optil</li> </ul> </li> <li>30) Consider the following state <ul> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> </ul> </li> <li>1. Only (I) is True [Option ID = 7502]</li> <li>2. Only (II) and (III) are True [Option ID = 7502]</li> </ul>	ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors. tor who has an optimistic view about the share market.
<ul> <li>2. Only (I), (II) and (III) are True [Opti</li> <li>3. Only (I), (II) and (IV) are True [Opti</li> <li>4. All of the Statements are True [Opti</li> <li>Correct Answer :-</li> <li>All of the Statements are True [Opti</li> <li>30) Consider the following state</li> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> <li>1. Only (I) is True [Option ID = 7502]</li> <li>2. Only (II) and (III) are all False [Option II</li> <li>3. (I), (II) and (III) are all True [Option II</li> </ul>	<pre>prayoj on ID = 7490] on ID = 7500] ion ID = 7501] ements about Financial Markets in India and choose the correct option below. ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors. tor who has an optimistic view about the share market. D = 7503] 1 ID = 7504] ID = 7505]</pre>
<ol> <li>2. Only (I), (II) and (III) are True [Optill</li> <li>3. Only (I), (II) and (IV) are True [Optill</li> <li>4. All of the Statements are True [Optill</li> <li>Correct Answer :-         <ul> <li>All of the Statements are True [Optill</li> <li>30) Consider the following state</li> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> <li>Only (I) is True [Option ID = 7502]</li> <li>Only (II) and (III) are all False [Option I</li> <li>(I), (II) and (III) are all True [Option I</li> </ul> </li> </ol>	<pre>praysol on ID = 7499] on ID = 7500] ion ID = 7501] ements about Financial Markets in India and choose the correct option below. ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors. tor who has an optimistic view about the share market. D = 7503] 1 ID = 7504] ID = 7505]</pre>
<ul> <li>2. Only (I), (II) and (III) are True [Opti</li> <li>3. Only (I), (II) and (IV) are True [Opti</li> <li>4. All of the Statements are True [Opti</li> <li>Correct Answer :- <ul> <li>All of the Statements are True [Opti</li> </ul> </li> <li>30) Consider the following state <ul> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> <li>1. Only (I) is True [Option ID = 7502]</li> <li>2. Only (II) and (III) are all False [Option I</li> <li>3. (I), (II) and (III) are all False [Option I</li> </ul> </li> </ul>	<pre>&gt; 7490] on ID = 7499] on ID = 7500] ion ID = 7501] ements about Financial Markets in India and choose the correct option below. ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors. tor who has an optimistic view about the share market. D = 7503] 1 ID = 7504] ID = 7504]</pre>
<ul> <li>2. Only (I), (II) and (III) are True [Opti</li> <li>3. Only (I), (II) and (IV) are True [Opti</li> <li>4. All of the Statements are True [Opti</li> <li>Correct Answer :- <ul> <li>All of the Statements are True [Opti</li> </ul> </li> <li>30) Consider the following state <ul> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> <li>1. Only (I) is True [Option ID = 7502]</li> <li>2. Only (II) and (III) are True [Option I</li> <li>3. (I), (II) and (III) are all False [Option</li> <li>4. (I), (II) and (III) are all False [Option</li> </ul> </li> </ul>	<pre>&gt; 7490] on ID = 7490] on ID = 7500] ion ID = 7501] ements about Financial Markets in India and choose the correct option below. ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors. tor who has an optimistic view about the share market. D = 7503] 1 ID = 7504] ID = 7504] ID = 7504]</pre>
<ul> <li>2. Only (I), (II) and (III) are True [Optil</li> <li>3. Only (I), (II) and (IV) are True [Optil</li> <li>4. All of the Statements are True [Optil</li> <li>Correct Answer :- <ul> <li>All of the Statements are True [Optil</li> </ul> </li> <li>30) Consider the following state <ul> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> <li>1. Only (I) is True [Option ID = 7502]</li> <li>2. Only (II) and (III) are True [Option I</li> <li>3. (I), (II) and (III) are all False [Option I</li> <li>4. (I), (II) and (III) are all True [Option I</li> </ul> </li> <li>31) A school boy has 5 blue and transfers one marble at random from right pocket?</li> </ul>	in ID = 7490] on ID = 7500] ion ID = 7501] ion ID = 7501] ements about Financial Markets in India and choose the correct option below. ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors. tor who has an optimistic view about the share market. 2 = 7503] 1 ID = 7504] ID = 7504] ID = 7504] 1 ID = 7504]<
<ol> <li>2. Only (I), (II) and (III) are True [Optill</li> <li>3. Only (I), (II) and (IV) are True [Optill</li> <li>4. All of the Statements are True [Optill</li> <li>4. All of the Statements are True [Optill</li> <li>50) Consider the following state</li> <li>(I) Equity shares, preference sh</li> <li>(II) Large institutional investors</li> <li>(III) A Bear is a financial specula</li> <li>[Question ID = 1877]</li> <li>1. Only (I) is True [Option ID = 7502]</li> <li>2. Only (II) and (III) are True [Option I</li> <li>3. (I), (II) and (III) are all False [Option</li> <li>4. (I), (II) and (III) are all False [Option</li> <li>4. (I), (II) and (III) are all False [Option</li> <li>4. (I), (II) and (III) are all False [Option</li> <li>5. (II), (II) and (III) are all False [Option</li> </ol>	ID = 7490] on ID = 7500] ion ID = 7501] ion ID = 7501] ion ID = 7501] iements about Financial Markets in India and choose the correct option below. ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors tor who has an optimistic view about the share market. D = 7503] 1 ID = 7504] ID = 7504] ID = 7504] I ID = 7504] I 4 white marbles in his left pocket and 4 blue and 5 white marbles in his right pocket. I from his left to his right pocket, what is the probability of his then drawing a blue marb
<ol> <li>2. Only (I), (II) and (III) are True [Optiling]</li> <li>3. Only (I), (II) and (IV) are True [Optiling]</li> <li>4. All of the Statements are True [Optiling]</li> <li>6. All of the Statements are True [Optiling]</li> <li>30) Consider the following state</li> <li>(I) Equity shares, preference shifts (II) Equity shares, preference shifts (III) A Bear is a financial specula [Question ID = 1877]</li> <li>1. Only (I) is True [Option ID = 7502]</li> <li>2. Only (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III) are all False [Option II]</li> <li>3. (I), (II) and (III] are all False [Option II]</li> <li>3. (I), (II) and (III] are all False [Option II]</li> </ol>	an ID = 7499] on ID = 7500] ion ID = 7501] ion ID = 7501] ion ID = 7501] ements about Financial Markets in India and choose the correct option below. ares, bonds, debentures etc. are important Money market instruments. are the only participants in the Capital market which is not open for individual investors. tor who has an optimistic view about the share market. D = 7503] 1 ID = 7504] ID = 7504] ID = 7504] ID = 7504] 1 ID = 7504] I =

[Option ID = 7506]

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10		
[Option ID = $7508$ ] 4. $\frac{16}{90}$		
[Option ID = 7509]		
Correct Answer :- • $\frac{41}{90}$		
[Option ID = 7507]		
32) If X has a probability mass function then what is the value of E[X(10-	(pmf) $f(x) = \frac{x}{10}x = 1,2,3,4$ X)]	
[Question ID = 1879] 1. 30 [Option ID = 7510] 2. 10 [Option ID = 7511] 3. 20 [Option ID = 7512] 4. 40 [Option ID = 7513]		
Correct Answer :- • 20 [Option ID = 7512]		
33) If the random variable X has a mea	n μ and variance $σ^2$ then for every k≥1 w	which of the following will be true
i. $p( x - \mu  \ge k\sigma) > \frac{1}{K^2}$		
$ii.p( x-\mu  \ge k\sigma) \le \frac{1}{K^2}$		
iii. If $\varepsilon = k\sigma$ then $p( x - \mu  \ge \varepsilon) > \frac{\sigma^2}{\varepsilon^2}$		
iv. If $\varepsilon = k\sigma$ then $p( x - \mu  \ge \varepsilon) \le \frac{\sigma^2}{\varepsilon^2}$		
[Question ID = 1880] 1. i & iii		
[Option ID = 7514] 2. only i		
[Option ID = 7515] 3. ii & iv		
[Option ID = 7516] 4. only iv		
[Option ID = 7517]		
Correct Answer :-		
[Option ID = 7516]		
34) Which of the following statements	about testing a null hypothesis are True ?	
i. We reject the null hypothesis if p-val	ue is greater than the level of significance.	
ii. We do not reject the null hypothesis	if p- value is greater than the level of signi	ficance.
iii. p-value is the lowest level of signific	cance at which we can reject the null hypot	hesis.
-		
[Question ID = 1881] 1. i, ii & iii		
[Option ID = 7518] 2. only i		
[Option ID = 7519]		
[Option ID = 7519] 3. i & iii	www.FirstRanker.com	

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Answer:-

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[Option ID = 7521]

## 35) The regression analysis of the equation Y = B X + C generates an $R^2 = 0.80$ . This implies that: [Question ID = 1882]

- 1. The correlation coefficient between X and Y is 0.80. [Option ID = 7522]
- 2. The standard error of X is 0.80. [Option ID = 7523]
- 3. Eighty percent of the variation in Y is explained by this specification. [Option ID = 7524]

4. Eighty percent of the time, C and X affect Y. [Option ID = 7525]

#### Correct Answer :-

• Eighty percent of the variation in Y is explained by this specification. [Option ID = 7524]

# 36) Using the following data if you regress Y on X1 an X2 using ordinary least square method (OLS) then, which of the options given below would be True ?

Dependent variable	Independer	nt variables
Y	X1	X2
60	2	10
80	3	15
100	8	40
120	4	20
140	10	50

- [Question ID = 1883]
- 1. (a) OLS estimators have small variance
  - [Option ID = 7526]
- 2. (b) Confidence intervals will be very narrow

[Option ID = 7527] 3. (c) Both (a) and (b)

[Option ID = 7528]

4. (d) The slope parameters cannot be estimated in this case

[Option ID = 7529]

#### Correct Answer :-

• (d) The slope parameters cannot be estimated in this case

[Option ID = 7529]

37) Vectors 
$$V1 = \begin{bmatrix} 2 \\ 7 \end{bmatrix}$$
,  $V2 = \begin{bmatrix} 1 \\ 8 \end{bmatrix}$  and  $V3 = \begin{bmatrix} 4 \\ 5 \end{bmatrix}$  are

#### [Question ID = 1884]

- 1. Linearly Independent [Option ID = 7530]
- 2. Linearly Dependent [Option ID = 7531]
- 3. More than two vectors can't be linearly dependent or linearly Independent [Option ID = 7532]
- 4. Can't say from the given information [Option ID = 7533]

## Correct Answer :-

• Linearly Dependent [Option ID = 7531]

38) Let 
$$A = \begin{bmatrix} 3 & 1 \\ 0 & 2 \end{bmatrix} B = \frac{1}{6} \begin{bmatrix} 2 & -1 \\ 0 & 3 \end{bmatrix}$$
 then which of following is False?

i. A<sup>-1</sup> = B

- ii. B<sup>-1</sup>=A
- iii. AB=BA

## [Question ID = 1885]

1. Only i

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4. None

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[Option ID = 7537]		
Correct Answer :-		
None		
[Option ID = 7537]		
39) Given a statement "Differen	ntiability of a function implies continuity"	
Which of the following rightly ju	stifying the converse of this statement?	
i. Continuity is a necessary cond	ition for differentiability	
ii. Continuity is a sufficient cond	ition for differentiability	
iii. All continuous functions are o	differentiable	
<b>[Question ID = 1886]</b> 1. Only i		
[Option ID = 7538] 2. Only ii		
[Option ID = 7539] 3. Only iii		
[Option ID = 7540] 4. Both ii and iii		
[Option ID = 7541]		
Correct Answer :-		
• Only i		
[Option ID = 7538]		
40) Given the function $f(x)$ m	atch the following	
1. $f'(a) > 0$ and $f''(a) > 0$	. Function is decreasing and concave at	]
	x=a	[Question ID = 1887]
<b>2.</b> $f'(a) < 0$ and $f''(a) < 0$ ii	. Function is decreasing and convex at	[0,1,1,2,1] (0,1,1,2,1,1,4,1)
	<b>x=a</b> 2.	1-i, 2- iv, 3-iii, 4-ii
<b>3.</b> $f'(a) < 0$ and $f''(a) > 0$ iii	. Function is increasing and convex at	[Option ID = 7543]
	<b>x=a</b> 3.	1-111, Z-1, 3-11, 4-1V
4. $f'(a) > 0$ and $f''(a) < 0$ iv	• Function is increasing and concave at	[Option ID = 7544] 1-iv, 2-ii, 3-i, 4-iii
	x=a	[Option ID = 7545]
Correct Answer :-		
• 1-iii, 2-i, 3-ii , 4-iv		
[Option ID = 7544]		
41) Consider the given function of two random variables X and Y	<pre>n f(X,Y).For which value of k given below, ca ?</pre>	an this serve as the joint probability distribution
f(X,Y) = ky(2y - x) for x	= 0,3 and y = 0,1,2	
[Question ID = 1888] 1. $\frac{1}{11}$		
[Option ID = 7546] 2. $\frac{1}{12}$		
12 [Option ID = 7547]		

#### 3. <u>1</u> 10

[Option ID = 7548]

# 4. No Value

[Option ID = 7549]

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42)	If A, B, C and D are statements such that if at least one of A and B is true then at least one of C and D must be tru
Giv	en, both A and C are false. Then
[Qu	estion ID = 1889]
1. if	D is false then B is false [Option ID = 7550]
2. D 3. b	bin b and D are faise [Option ID = 7551] oth B and D are true [Option ID = 7552]
4. if	D is true then B is true [Option ID = 7553]
Cor	ect Answer :-
• if	D is false then B is false [Option ID = 7550]
42)	What are the characteristic roots of the following matrix:
43)	
A =	
	estion $ID = 1080$ ] and 2 [Ontion ID = 7554]
1.1 2.2	and 2 [option ID = 7554] and 3 [Option ID = 7555]
3. 1	and 4 [Option ID = 7556]
4. 2	and 4 [Option ID = 7557]
Cor	rect Answer :-
• 1	and 4 [Option ID = 7556]
44)	Given the regression equation $lny = \alpha + \beta ln x + \mu$ , which of the following is true
,	
[Qu	estion ID = 1891]
1. I%	change in x is associated with $(100 * \beta)$ % change in y
ſ	Dption ID = 7558]
2. 19	change in x is associated with $(100 * \beta)\%$ change in lny
E4	
3 19	$J_{\text{PCION}} = J_{\text{PCION}}$
5. 1/	shange in x is associated with p // change in y
[( 4.  %	Dption ID = 7560] 6 change in x is associated with $\beta$ % change in lny
[(	Dption ID = 7561]
Cor	rect Answer :-
• 19	$\beta$ change in x is associated with $\beta\%$ change in y
[(	Dption ID = 7560]
	······································
45)	The number of inches 'N' that human hair will grow is directly proportional to time 't' in months. If hair grows 6 in
	estion ID - 18021
1. N	= t; [Option ID = 7562]
2. N	= mt ; [Option ID = 7563]
3. N	= 2T; [Option ID = 7564]
4. N	= ½ t [Option ID = 7565]
Cor	rect Answer :-
• N	= ½ t [Option ID = 7565]
46)	For any Distribution function $F(X)$ the value of $F(-\infty)$ and $F(\infty)$ are respectively:
	estion ID = 18931
1. 1	-1 [Option ID = 7566]
2. 0	-1 [Option ID = 7567]
3	1,1 [Option ID = 7568]
4. 0	,1 [Option ID = 7569]
Cor	rect Answer :-
• 0	,1 [Option ID = 7569]

tRanker.com anker's choice www.FirstRanker.com www.FirstRanker.com • 2<sup>n</sup> [Option ID = 7572] 48) For any real number x, we define  $y = [x - \log x]$ , where we are considering natural logarithms. The value of y is [Question ID = 1895] 1. Always negative [Option ID = 7574] 2. Always positive [Option ID = 7575] 3. Negative or Positive, depending on the value of x [Option ID = 7576] 4. Always between zero and one [Option ID = 7577] Correct Answer :- Always positive [Option ID = 7575] 49) In the city of Readalot, at least 50% of the people read a magazine. Among those who read a magazine, at the most 25% read more than one magazine. Only one of the statements given below follow from the above. Which one is it? [Question ID = 1896] 1. At the most 25% read exactly one magazine. [Option ID = 7578] 2. At least 25% read all the magazines. [Option ID = 7579] 3. At the most 37.5% read exactly one magazine. [Option ID = 7580] 4. At least 37.5% read exactly one magazine. [Option ID = 7581] Correct Answer :-• At least 37.5% read exactly one magazine. [Option ID = 7581] 50) A recent sample indicated that large numbers of women in a city were working from their homes. Consider the following sample of age data for women working from home : 18, 54, 20, 46, 25, 48, 53, 27, 26, 37 40, 36, 42, 25, 27, 33, 28, 40, 45, 25 The median age of the population of adult women in the city is 35.5 years. It can be concluded that the 'at-home' women workers tend to be [Question ID = 1897] 1. the same age as the population of all women [Option ID = 7582] 2. of an age, that can't be determined from the information above [Option ID = 7583] 3. slightly older than the population of all women [Option ID = 7584] 4. slightly younger than the population of all women [Option ID = 7585] Correct Answer :- slightly younger than the population of all women [Option ID = 7585]