

रोल नं.

Roll No.

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परीक्षार्थी कोड को उत्तर-पुस्तिका के मुख-पृष्ठ पर अवश्य लिखें ।

Candidates must write the Code on the title page of the answer-book.

- कृपया जाँच कर लें कि इस प्रश्न-पत्र में मुद्रित पृष्ठ 11 हैं ।
- प्रश्न-पत्र में दाहिने हाथ की ओर दिए गए कोड नम्बर को छात्र उत्तर-पुस्तिका के मुख-पृष्ठ पर लिखें ।
- कृपया जाँच कर लें कि इस प्रश्न-पत्र में 32 प्रश्न हैं ।
- कृपया प्रश्न का उत्तर लिखना शुरू करने से पहले, प्रश्न का क्रमांक अवश्य लिखें ।
- इस प्रश्न-पत्र को पढ़ने के लिए 15 मिनट का समय दिया गया है । प्रश्न-पत्र का वितरण पूर्वाह्न में 10.15 बजे किया जाएगा । 10.15 बजे से 10.30 बजे तक छात्र केवल प्रश्न-पत्र को पढ़ेंगे और इस अवधि के दौरान वे उत्तर-पुस्तिका पर कोई उत्तर नहीं लिखेंगे ।
- Please check that this question paper contains 11 printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains 32 questions.
- **Please write down the Serial Number of the question before attempting it.**
- 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

अर्थशास्त्र

ECONOMICS

निर्धारित समय : 3 घण्टे

Time allowed : 3 hours

अधिकतम अंक : 100

Maximum Marks : 100

सामान्य निर्देश :

- (i) दोनों खण्डों के सभी प्रश्न अनिवार्य हैं ।
- (ii) प्रत्येक प्रश्न के निर्धारित अंक उसके सामने दिए गए हैं ।
- (iii) प्रश्न संख्या 1 – 5 तथा 17 – 21 अति लघुत्तरात्मक प्रश्न हैं, जिनमें प्रत्येक का 1 अंक है । इनका प्रत्येक का उत्तर एक वाक्य में ही अपेक्षित है ।
- (iv) प्रश्न संख्या 6 – 10 और 22 – 26 लघुत्तरात्मक प्रश्न हैं, जिनमें प्रत्येक के 3 अंक हैं । प्रत्येक का उत्तर सामान्यतः 60 शब्दों से अधिक नहीं होना चाहिए ।
- (v) प्रश्न संख्या 11 – 13 और 27 – 29 भी लघुत्तरात्मक प्रश्न हैं, जिनमें प्रत्येक के 4 अंक हैं । प्रत्येक का उत्तर सामान्यतः 70 शब्दों से अधिक नहीं होना चाहिए ।
- (vi) प्रश्न संख्या 14 – 16 और 30 – 32 व्याख्यात्मक उत्तर वाले प्रश्न हैं, जिनमें प्रत्येक के 6 अंक हैं । प्रत्येक का उत्तर सामान्यतः 100 शब्दों से अधिक नहीं होना चाहिए ।
- (vii) तारांकित (*) प्रश्न मूल्याधारित प्रश्न हैं ।
- (viii) उत्तर संक्षिप्त तथा तथ्यात्मक होने चाहिए तथा यथासंभव ऊपर दी गई सीमा के अंतर्गत ही दिए जाने चाहिए ।

General Instructions :

- (i) All questions in both the sections are compulsory.
- (ii) Marks for questions are indicated against each.
- (iii) Questions No. 1 – 5 and 17 – 21 are very short-answer questions carrying 1 mark each. They are required to be answered in **one sentence** each.
- (iv) Questions No. 6 – 10 and 22 – 26 are short-answer questions carrying 3 marks each. Answers to them should normally not exceed 60 words each.
- (v) Questions No. 11 – 13 and 27 – 29 are also short-answer questions carrying 4 marks each. Answers to them should normally not exceed 70 words each.
- (vi) Questions No. 14 – 16 and 30 – 32 are long-answer questions carrying 6 marks each. Answers to them should normally not exceed 100 words each.
- (vii) Questions marked star (*) are value-based questions.
- (viii) Answers should be brief and to the point and the above word limits should be adhered to as far as possible.

SECTION A

- *1. सरकार ने विदेशी पूँजी को प्रोत्साहित करना शुरू कर दिया है । उत्पादन संभावना सीमा के संदर्भ में इसका आर्थिक मूल्य क्या है ? 1
- The government has started promoting foreign capital. What is its economic value in the context of Production Possibilities Frontier ?
2. अनधिमान वक्र की परिभाषा दीजिए । 1
- Define indifference curve.
3. सीमांत उत्पाद की परिभाषा दीजिए । 1
- Define marginal product.
4. एक उत्पाद की बाज़ार पूर्ति से क्या अभिप्राय है ? 1
- What is market supply of a product ?
5. अपूर्ण अल्पाधिकार से क्या अभिप्राय है ? 1
- What is imperfect oligopoly ?
6. उत्पादन संभावना वक्र अवतल क्यों होता है ? समझाइए । 3
- Why is Production Possibilities Curve concave ? Explain.
7. जब एक वस्तु की कीमत ₹ 10 से घट कर ₹ 8 प्रति इकाई हो जाती है, तो इसकी माँग 20 इकाई से बढ़ कर 24 इकाई हो जाती है । इस वस्तु की माँग की कीमत लोच के बारे में 'व्यय विधि' द्वारा आप क्या कह सकते हैं ? 3
- When the price of a good falls from ₹ 10 to ₹ 8 per unit, its demand rises from 20 units to 24 units. What can you say about price elasticity of demand of the good through the 'expenditure approach' ?

8. समझाइए तकनीकी प्रगति किस प्रकार एक फर्म द्वारा किसी वस्तु की पूर्ति का निर्धारक है । 3

अथवा

समझाइए आगतों की कीमतें किस प्रकार एक फर्म द्वारा किसी वस्तु की पूर्ति का निर्धारक है ।

Explain how technological progress is a determinant of supply of a good by a firm.

OR

Explain how input prices are a determinant of supply of a good by a firm.

9. औसत सम्प्राप्ति (आगम) सदैव कीमत के बराबर क्यों होती है ? 3

Why is Average Revenue always equal to price ?

10. अल्पाधिकार में फर्मों की संख्या कम क्यों होती है ? समझाइए । 3

Why is the number of firms small in oligopoly ? Explain.

11. एक उपभोक्ता केवल दो वस्तुओं X और Y का उपभोग करता है और संतुलन में है । दिखाइए कि जब वस्तु X की कीमत बढ़ती है, तो उपभोक्ता वस्तु X की कम मात्रा खरीदता है । उपयोगिता विश्लेषण का उपयोग कीजिए । 4

अथवा

किसी वस्तु की दी गई कीमत के आधार पर उपभोक्ता कैसे तय करेगा कि वह उस वस्तु की कितनी मात्रा खरीदे ? उपयोगिता विश्लेषण का उपयोग कीजिए ।

A consumer consumes only two goods X and Y and is in equilibrium. Show that when the price of good X rises, the consumer buys less of good X. Use utility analysis.

OR

Given the price of a good, how will a consumer decide as to how much quantity of that good to buy ? Use utility analysis.

12. “घटिया” वस्तु का अर्थ बताइए और इसे एक उदाहरण की सहायता से समझाइए । 4

Give the meaning of “inferior” good and explain the same with the help of an example.

13. कारण देते हुए 'परिवर्ती अनुपातों का नियम' समझाइए । 4
Giving reasons, explain the 'Law of Variable Proportions'.
14. समझाइए क्यों एक अनधिमान वक्र (अ) नीचे की ओर ढलवाँ और (ब) उत्तल होता है । 6

अथवा

संख्यात्मक उदाहरण की सहायता से 'प्रतिस्थापन की सीमांत दर' की अवधारणा समझाइए ।
अनधिमान वक्र पर इसका व्यवहार भी समझाइए ।

Explain why is an indifference curve (a) downward sloping and (b) convex.

OR

Explain the concept of 'Marginal Rate of Substitution' with the help of a numerical example. Also explain its behaviour along an indifference curve.

15. एक फर्म के बारे में निम्नलिखित सूचना से, सीमांत लागत और सीमांत सम्प्राप्ति (आगम) के आधार पर फर्म का संतुलन उत्पादन ज्ञात कीजिए । कारण बताइए । इस उत्पादन पर लाभ भी ज्ञात कीजिए । 6

उत्पादन (इकाई)	कुल सम्प्राप्ति (आगम) (₹)	कुल लागत (₹)
1	6	7
2	12	13
3	18	17
4	24	23
5	30	31

From the following information about a firm, find the firm's equilibrium output in terms of marginal cost and marginal revenue. Give reasons. Also find profit at this output.

Output (units)	Total Revenue (₹)	Total Cost (₹)
1	6	7
2	12	13
3	18	17
4	24	23
5	30	31

16. एक वस्तु का बाज़ार संतुलन में है। वस्तु की माँग में 'कमी' आती है। बाज़ार के दोबारा संतुलन में आने तक इस परिवर्तन के कारण होने वाले प्रभावों की शृंखला समझाइए। रेखाचित्र का प्रयोग कीजिए।

6

Market of a commodity is in equilibrium. Demand for the commodity 'decreases'. Explain the chain of effects of this change till the market again reaches equilibrium. Use diagram.

नोट : निम्नलिखित प्रश्न केवल दृष्टिहीन परीक्षार्थियों के लिए प्रश्न संख्या 16 के स्थान पर है।

Note : The following question is for the **Blind Candidates** only in lieu of Q. No. 16.

एक वस्तु का बाज़ार संतुलन में है। वस्तु की माँग में 'कमी' आती है। बाज़ार के दोबारा संतुलन में आने तक इस परिवर्तन के कारण होने वाले प्रभावों की शृंखला समझाइए। पहले और बाद के संतुलनों पर कीमतों की तुलना भी कीजिए।

6

Market for a commodity is in equilibrium. Demand for the commodity 'decreases'. Explain the chain of effects of this change till the market again reaches equilibrium. Also compare prices at old and new equilibriums.

खण्ड ब

SECTION B

17. सावधि जमाओं से क्या अभिप्राय है ? 1
What are time deposits ?
18. स्फीति अंतराल की परिभाषा दीजिए। 1
Define inflationary gap.
19. पूर्ण रोज़गार से क्या अभिप्राय है ? 1
What is full employment ?
20. राजकोषीय घाटा की परिभाषा दीजिए। 1
Define fiscal deficit.

21. विदेशी विनिमय दर की परिभाषा दीजिए । 1

Define foreign exchange rate.

22. बाह्य कारणों (बाहरी प्रभावों) से क्या अभिप्राय है ? किसी धनात्मक बाहरी प्रभाव का उदाहरण दीजिए और इसका लोगों के कल्याण पर पड़ने वाला प्रभाव समझाइए । 3

What are externalities ? Give an example of a positive externality and its impact on welfare of the people.

23. मुद्रा का 'लेखा की इकाई' कार्य का महत्त्व समझाइए । 3

अथवा

मुद्रा का 'आस्थगित भुगतान का मानक' कार्य का महत्त्व समझाइए ।

Explain the significance of the 'Unit of Account' function of money.

OR

Explain the significance of the 'Standard of Deferred Payment' function of money.

24. सरकारी बजट के संदर्भ में निम्नलिखित राजस्व प्राप्ति है या पूँजीगत प्राप्ति और क्यों ? 3

(i) कर प्राप्तियाँ

(ii) विनिवेश

Is the following a revenue receipt or a capital receipt in the context of government budget and why ?

(i) Tax receipts

(ii) Disinvestment

25. भुगतान संतुलन लेनदेनों में 'स्वायत्त' (स्वतंत्र) और 'समायोजन' हेतु लेनदेनों में अंतर बताइए । 3

Distinguish between 'autonomous' and 'accommodating' Balance of Payments transactions.

26. हाल ही में भारत में विदेशी विनिमय दर बढ़ रही है । इसका निर्यात पर क्या प्रभाव पड़ने की संभावना है और कैसे ? 3

Foreign exchange rate in India is on the rise recently. What impact is it likely to have on exports and how ?

27. केन्द्रीय बैंक का 'सरकार का बैंकर' कार्य समझाइए । 4

अथवा

केन्द्रीय बैंक का 'बैंकों का बैंक' कार्य समझाइए ।

Explain 'Banker to the Government' function of the central bank.

OR

Explain 'Bankers' Bank' function of the central bank.

28. एक अर्थव्यवस्था, जो कि संतुलन में है, के बारे में निम्नलिखित आँकड़ों से सीमांत उपभोग प्रवृत्ति का परिकलन कीजिए : 4

राष्ट्रीय आय = 2000

स्वायत्त (स्वतंत्र) उपभोग व्यय = 200

निवेश व्यय = 100

Calculate Marginal Propensity to Consume from the following data about an economy which is in equilibrium :

National income = 2000

Autonomous consumption expenditure = 200

Investment expenditure = 100

- *29. उच्च आय वर्ग पर कर की दरें बढ़ा दी गई हैं । यह किस आर्थिक मूल्य को दर्शाता है ? समझाइए । 4

Tax rates on higher income group have been increased. Which economic value does it reflect ? Explain.

30. निम्नलिखित से 'कारक लागत पर निवल राष्ट्रीय उत्पाद' और 'सकल राष्ट्रीय प्रयोज्य आय' का परिकलन कीजिए :

4, 2

(₹ अरब में)

(i)	कर्मचारियों द्वारा सामाजिक सुरक्षा अंशदान	90
(ii)	मज़दूरी तथा वेतन	800
(iii)	विदेशों को निवल चालू हस्तांतरण	(-) 30
(iv)	किराया तथा रॉयल्टी	300
(v)	विदेशों को निवल कारक आय	50
(vi)	नियोजकों द्वारा सामाजिक सुरक्षा अंशदान	100
(vii)	लाभ	500
(viii)	ब्याज	400
(ix)	अचल पूँजी का उपभोग	200
(x)	निवल अप्रत्यक्ष कर	250

Calculate 'Net National Product at Factor Cost' and 'Gross National Disposable Income' from the following :

(₹ in Arab)

(i)	Social security contributions by employees	90
(ii)	Wages and salaries	800
(iii)	Net current transfers to abroad	(-) 30
(iv)	Rent and royalty	300
(v)	Net factor income to abroad	50
(vi)	Social security contributions by employers	100
(vii)	Profit	500
(viii)	Interest	400
(ix)	Consumption of fixed capital	200
(x)	Net indirect tax	250

31. एक देश की राष्ट्रीय आय का अनुमान लगाते समय निम्नलिखित के साथ क्या व्यवहार किया जाना चाहिए ? अपने उत्तर का कारण अवश्य बताएँ । 6

- (i) वृद्ध माता-पिता की देखभाल करना
- (ii) निगम कर का भुगतान
- (iii) सरकार द्वारा पुलिस सेवाएँ देने पर व्यय

How should the following be treated in estimating national income of a country ? You must give reason for your answer.

- (i) Taking care of aged parents
- (ii) Payment of corporate tax
- (iii) Expenditure on providing police services by the government

32. बचत और निवेश फलन की सहायता से समझाइए कि अर्थव्यवस्था कब संतुलन में होती है । यह भी समझाइए कि जब अर्थव्यवस्था संतुलन में न हो, तो अर्थव्यवस्था में क्या परिवर्तन आते हैं । रेखाचित्र का प्रयोग कीजिए । 6

अथवा

बचत वक्र से उपभोग वक्र प्राप्त करने के दौरान लिए जाने वाले चरण बताइए । रेखाचित्र का प्रयोग कीजिए ।

When is an economy in equilibrium ? Explain with the help of Saving and Investment functions. Also explain the changes that take place in an economy when the economy is not in equilibrium. Use diagram.

OR

Outline the steps required to be taken in deriving the Consumption Curve from the given Saving Curve. Use diagram.

नोट : निम्नलिखित प्रश्न केवल दृष्टिहीन परीक्षार्थियों के लिए प्रश्न संख्या 32 के स्थान पर है ।

Note : The following question is for the **Blind Candidates** only in lieu of Q. No. 32.

निवेश की परिभाषा दीजिए । बचत और निवेश फलन द्वारा राष्ट्रीय आय का संतुलन समझाइए । यह भी समझाइए कि जब अर्थव्यवस्था संतुलन में न हो, तो अर्थव्यवस्था में क्या परिवर्तन आते हैं ।

6

अथवा

उपभोग फलन से क्या अभिप्राय है ? बचत फलन से इसे कैसे प्राप्त किया जा सकता है ? समझाइए ।

Define Investment. Explain national income equilibrium through Saving and Investment function. Also explain the changes that take place in an economy when the economy is not in equilibrium.

OR

What is Consumption Function ? How can it be derived from the Saving Function ? Explain.

SENIOR SCHOOL CERTIFICATE EXAMINATION


MARCH-2014

MARKING SCHEME – ECONOMICS (Outside)


(SET -1)

Expected Answers / Value Points

GENERAL INSTRUCTIONS :

1. Please examine each part of a question carefully and 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 explanations and definitions 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.
8.  indicates value based questions.

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

B1	Expected Answer / Value Points	Distribution of Marks
 1	It will increase inflow of foreign capital. Its economic value is the rise in production potential due to increase in resources.	1
2	It is the locus of points that represent different combination of two goods that give the same satisfaction to the consumer.	1
3	It is the addition to total product when one more unit of the variable input is increased.	1
4	Market supply of good is the sum total of quantities that all the producers of that good are willing to supply at a price during a period of time.	1

5	If in an oligopoly market the firms produce differentiated products, it is called imperfect oligopoly.	1									
6	A typical PP curve is downward sloping and concave, i.e. its slope is increasing, because marginal Rate of Transformation (MRT) increases as we move downwards along the curve. MRT increases because no resource is equally efficient in production of all goods. As the resources are transferred from one good to another MRT increases because less and less efficient resources are to be transferred each time.	3									
7	<table border="1"> <thead> <tr> <th>Price</th><th>Demand</th><th>Total Expenditure</th></tr> </thead> <tbody> <tr> <td>10</td><td>20</td><td>200</td></tr> <tr> <td>8</td><td>24</td><td>192</td></tr> </tbody> </table> <p>As with fall in price, total expenditure also falls, price elasticity of demand is less than 1. Demand is inelastic.</p> <p>(No mark if the percentage method is used)</p>	Price	Demand	Total Expenditure	10	20	200	8	24	192	1 2
Price	Demand	Total Expenditure									
10	20	200									
8	24	192									
8	<p>Technological progress leads to reduction in cost of producing output. Price remaining unchanged, less cost means more profit. This increases supply of the good.</p> <p style="text-align: center;">OR</p> <p>Suppose input prices rise. This raises cost. Price of the good remaining unchanged, profits fall. This discourages the producer so supply will decrease. Opposite happens if the input prices fall.</p>	3 3									
9	<p>Given $AR = \frac{TR}{Q}$</p> <p>Since $TR = P \times Q$</p> <p>$AR = \frac{P \times Q}{Q} = P$</p>	3									
10	The main reason why the number of firms is small is that there are barriers which prevent entry of firms into industry. Patents, large capital requirement control over the crucial raw materials, etc. prevent new firms from entering the industry. Only those who are able to cross these barriers enter.	3									
11	<p>According to the utility analysis, the consumer is in equilibrium when</p> $\frac{MU_x}{P_x} = \frac{MU_y}{P_y}$ <p>Now, given that P_x rises, then</p> $\frac{MU_x}{P_x} < \frac{MU_y}{P_y}$ <p>Since per rupee MU_x is lower than per rupee MU_y, the consumer will buy less of X and more of Y.</p> <p>It shows that when P_x rises, demand for X falls.</p>	4									

OR

Marginal Rate of Substitution (MRS) means the rate at which a consumer is willing to sacrifice quantity of one good to obtain one more unit of the other good.

Let the two goods consumed be A and B. Suppose the following combinations of these two goods have the same utility level for him :

Good A	Good B	MRS
1	8	-
2	4	4B : 1A
3	1	3B : 1A

The consumer is willing to sacrifice 4B to obtain second unit of A. For the third unit of A, he is willing to sacrifice less because marginal utility of A decreases as he consumes more of A.

1

3

2

15

Output	TR	TC	MR	MC
1	6	7	6	7
2	12	13	6	6
3	18	17	6	4
4	24	23	6	6
5	30	31	6	8

Equilibrium

The producers is in equilibrium at 4 units of output

Reason : At this level of output the conditions of producers equilibrium given below are satisfied :

(1) $MC = MR$

(2) $MC > MR$ after equilibrium

Profit = $TR - TC = 24 - 23 = 1$

2

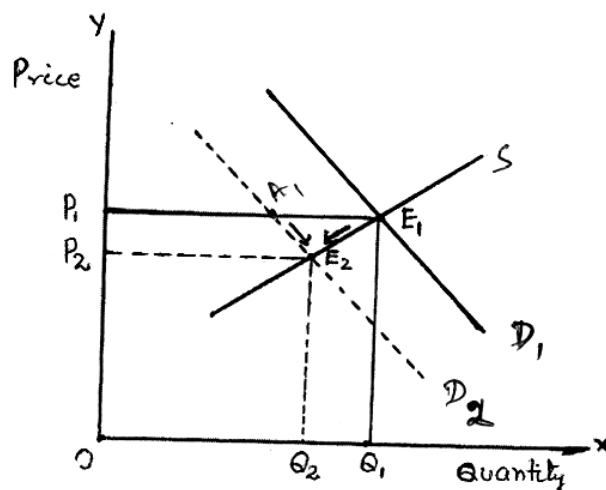
1

1

1

1

16



- OP_1 is the equilibrium price and OQ_1 is the equilibrium quantity. Demand decreases so that demand curve shifts to the left. The new demand curve is D_2

2

	<ul style="list-style-type: none"> - This creates an excess supply (A_1E_1) at the existing price OP_1. - The excess supply creates competition among sellers, resulting in fall in price. - Fall in price leads to rise in demand and fall in supply as indicated by the arrows. - These changes continue till the market reaches new equilibrium at E_2 with a lower price OP_2 and lower quantity OQ_2. <p><u>For the blind candidate :</u></p> <ul style="list-style-type: none"> • Decrease in demand results in excess supply. • Excess supply causes competition among sellers which reduces price • Fall in price results in rise in demand and fall in supply. • Excess supply is reducing. • These changes continue till demand and supply are equal at new price. • New equilibrium price is less 	<p>4</p> <p>6</p>
	<u>SECTION - B</u>	
17	Time deposits are deposits which have fixed period of maturity Or which can be withdrawn only after a specified period of time.	1
18	When aggregate demand is higher than aggregate supply at full employment, the gap is called inflationary gap.	1
19	Full employment is a situation in which all those who are able and willing to work at given wage rate find work.	1
20	When total government expenditure exceeds total government receipts excluding borrowing, the difference is called fiscal deficit.	1
21	The price of one currency in terms of the other is called foreign exchange rate.	1
22	<p>Externalities refer to the benefits (or harms) a firm or an individual causes to another for which it is not paid (or penalised)</p> <p><u>Example :</u> Use of public parks by the people for pleasure for which no payments are made by the public (or any other example). It increases welfare through positive effect on health.</p>	<p>1</p> <p>2</p>
23	<p>The unit of account function means that monetary unit is treated as the standard unit for quoting prices or borrowing & lending activities etc. This function has made possible keeping of accounts and the emergence of the banking system.</p> <p style="text-align: center;">OR</p> <p>Deferred payments mean payment contracted to be made at some future date. Money serves as a standard of such deferred payments, like in borrowing and lending activities. It has made possible the creation of banking system.</p>	<p>3</p> <p>3</p>

24	(i) <u>Tax Receipts</u> are revenue receipts because these neither create any liability nor reduce asset.	1 ½
	(ii) <u>Disinvestments</u> are capital receipts because it reduces assets.	1 ½
25	Autonomous transactions are those which are not influenced by other transactions in Balance of Payment Account. Accommodating transactions are those which are undertaken to cover deficit / Surplus in BOP.	3
26	Rise in foreign exchange rate means that one unit of foreign currency is worth more rupees than earlier. So one unit of foreign currency can now buy more goods and services from India. It makes Indian exports cheaper to the foreign buyers. This is likely to increase exports.	3
27	Central bank is banker to the government like commercial banks are to the public. It accepts deposits from government and gives loans to the government in times of need.	4
	<p style="text-align: center;">OR</p> <p>Commercial banks are required to keep a certain minimum percentage of deposits as cash reserve with the central bank. Central bank use these reserves to meet emergency requirements of the commercial banks. It is called bankers' bank functions of the central bank.</p>	4
28	$Y = \bar{C} + MPC(Y) + I$	1½
	$2000 = 200 + MPC(2000) + 100$	1½
	$2000MPC = 2000 - 200 - 100$	
	$MPC = \frac{1700}{2000}$ $MPC = .85$	1
	(No marks if only the final answer is given)	
29	This will reduce the inequalities of income as the difference between disposable incomes of higher income and lower income groups will fall. This will also provide more resource to the government for spending on welfare of the poor-	4
30	$NNP_{fc} = (ii + vi) + iv + viii + vii - v$	2
	$= 800 + 100 + 300 + 400 + 500 - 50$	1½
	$= Rs. 2050 \text{ Arab.}$	½
	$GNDI = NNP_{fc} + ix + x - iii$	1
	$= 2050 + 200 + 250 - (-30)$	½
	$= Rs. 2530 \text{ Arab}$	½
	(No marks if only the final answer is given)	

31	<p>(i) <u>Taking care of aged parents</u> Should be included because it is a productive service rendered to the parents.</p> <p>(ii) <u>Payments of corporation tax</u> should not be included because any tax payment is a transfer payment as no good or service is provided in return</p> <p>(iii) <u>Expenditure on providing police services by government</u> should be included because expenditure on any free service provided by government is government's final consumption expenditure.</p> <p style="text-align: right;">(No marks if the reason is not given)</p>	<p>2</p> <p>2</p> <p>2</p>
32	<div data-bbox="336 539 948 1010" data-label="Figure"> </div> <p>The economy is in equilibrium at that income level at which saving = investment. The equilibrium level of income is OM as at this level $S=I$</p> <p>When the economy is not in equilibrium saving is not equal to investment : Suppose $S > I$. It means $AD < AS$. This leads to piling up of inventories with the producers. In order to bring down inventories to the desired level , producers cut down production which brings down AS. The trend continues till $AD = AS$ again and $S = I$ where the economy is in equilibrium. Similarly if $S < I$, then $AD > AS$. There is decrease in inventories. Producers increase production, AS rises. This continues till $AD = AS$.</p> <p style="text-align: center;">OR</p> <div data-bbox="360 1503 970 1980" data-label="Figure"> </div>	<p>2</p> <p>1</p> <p>3</p> <p>3</p>

	<p><u>Steps :</u></p> <p>(i) SS' is the given S- Curve. Draw a 45° line from origin</p> <p>(ii) Take $O\bar{C}$ equal to OS on the Y-axis.</p> <p>(iii) Draw a perpendicular (or line parallel to the y-axis) from B₁ till it intersects the 45° line at B.</p> <p>(iv) Join \bar{C} and B and extend the same to get C-curve</p> <p><u>For the Blind Candidates :</u></p> <ul style="list-style-type: none"> • Definition of Investment. • Equilibrium on the same lines as above without diagram • When not in equilibrium on the same line as above <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> • Definition of consumption function. • Derivation with explanation. 	<p style="text-align: center;">3</p> <p style="text-align: center;">1</p> <p style="text-align: center;">2</p> <p style="text-align: center;">3</p> <p style="text-align: center;">1</p> <p style="text-align: center;">5</p>
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