

ANSWER KEY

1
9

..... I YEAR HIGHER SECONDARY EXAMINATION Sept 2021

PART-I/II/III

SUBJECT: ECONOMICS H/1

CODE NO:

VERSION: ~~2~~

80 SCORES

2 1/2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1	a.	ii) Number of students in a class	1	7
	b.	i) 1995	1	
	c.	i) After 1921	1	
	d.	ii) Modernisation	1	
	e.	iii) Dadabai Naoroji	1	
	f.	iii) coal.	1	
	g.	ii) Two dimensional diagrams	1	
2	a.	cumulative frequency curves	1	3
	b.	self employment programme	1	
	c.	environment.	1	
3	a.	True	1	3
	b.	True	1	
	c.	False	1	
4.		index Number - $\frac{\sum P_1}{\sum P_0} \times 100$	1	3
		Arithmetic line graph - Time series graph	1	
		Arithmetic means - measure of central tendency.	1	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
5		cultivation of cash crops instead of food crops.		2
6		Quantitative variable Height, weight Qualitative variable gender, religion	1 1	2
7		simple bar diagram Component bar diagram Multiple bar diagram (Any two)	1 1	2
8		mean, median mode (any two)	1 1	2
9		Wholesale price Index Consumer price Index (Any two relevant points)	1 1	2
10		Collection, classification, presentation and analysis of data		2
11		Administer multilateral Trade agreement Increase production and value of Trade and services	1 1	2
12		Biotic Birds, plants Abiotic Water air	1 1	2

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
13		possess no assets live in kutcha houses no employment no income (Any two points)	1 1	2
14		Economic infrastructure - energy Transportation social infrastructure - Health, education	1 1	2
15		Nutritional value eco friendly good quality pesticide free, generate income (Any three)	1 1 1	3
16		ozone depletion global warming land degradation	1 1 1	3
17		Helps formulating policies condense mass data relationship between variables	1 1 1	3
18		draw the diagram correctly.		3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
19		Date of birth of an employee - Chronological classification place of birth of an employee - spatial classification gender of an employee - Qualitative classification	1 1 1	3
20		Solar energy Wind energy Tidal power	1 1 1	3
21		Life expectancy low High maternal mortality rate High infant mortality rate.	1 1 1	3
22		Crisis in foreign exchange Reserve. Increased government Borrowing International financial institutions	1 1 1	3
23		News paper Research journals Books, Internet (Any three)	1 1 1	3

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24.		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">x</td> <td style="width: 15%; text-align: center;">f</td> <td style="width: 15%; text-align: center;">fx</td> <td style="width: 55%;"></td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">2</td> <td style="text-align: center;">20</td> <td></td> </tr> <tr> <td style="text-align: center;">20</td> <td style="text-align: center;">10</td> <td style="text-align: center;">200</td> <td style="text-align: right;">process</td> </tr> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">20</td> <td style="text-align: center;">600</td> <td></td> </tr> <tr> <td style="text-align: center;">40</td> <td style="text-align: center;">5</td> <td style="text-align: center;">200</td> <td style="text-align: right;">Answer</td> </tr> <tr> <td style="text-align: center;">50</td> <td style="text-align: center;">3</td> <td style="text-align: center;">150</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><hr style="width: 50%; margin: 0 auto;"/>40</td> <td style="text-align: center;"><hr style="width: 50%; margin: 0 auto;"/>1170</td> <td></td> </tr> </table> $\bar{x} = \frac{\sum fx}{N} = \frac{1170}{40} = 29.25$	x	f	fx		10	2	20		20	10	200	process	30	20	600		40	5	200	Answer	50	3	150			<hr style="width: 50%; margin: 0 auto;"/> 40	<hr style="width: 50%; margin: 0 auto;"/> 1170		<p>1</p> <p>1</p> <p>1</p>	3
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25		<p>economic growth</p> <p>modernisation</p> <p>equity, self</p> <p>self reliance.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	4																												
26		<p>Table number, Title</p> <p>captions or columns heading</p> <p>stubs or row heading</p> <p>Body of the table.</p> <p>unit of measurement</p> <p>sources note</p>	<p>1/2</p> <p>1/2</p> <p>1/2</p> <p>1/2</p> <p>1/2</p> <p>1/2</p> <p>1/2</p> <p>1/2</p>	<p>(1/2 x 8)</p> <p>4</p>																												
27		<p>class format 0-5, 5-10, 10-15, 15-20, 20-25</p> <p>Tally marking correctly</p> <p>frequency marking</p>	<p>1</p> <p>2</p> <p>1</p>	4																												

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
28		Social economic and political inequality Social exclusion Unemployment Idleness unequal distribution of wealth (Any 4 relevant points)	1 1 1 1 1	4
29		Supplies resources Assimilate waste Sustain life aesthetic sense	1 1 1 1	4
30		Increases productivity reduce morbidity Agricultural development Improves domestic and foreign trade (Any four relevant point)	1 1 1 1	4
31		$PoI = \frac{\sum P_1}{\sum P_0} \times 100$ $\sum P_0 = 185$ $\sum P_1 = 240$ $= \frac{240}{185} = 129.72$	1 1 1 1	4

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score																		
32		<p><u>Advantage</u> Cheaper cost skilled laborer low wage rate (Any two) <u>services</u> legal advice computer service Advertisement (Any two)</p>	<p>2 2</p>	<p>4</p>																		
33		<p>Land settlement, Revenue settlement low level of technology low irrigation low level of using fertilizers (Any five relevant points)</p>	<p>1 1 1 1 1</p>	<p>5</p>																		
34		<p>Angular components value 180, 72, 72, 18, 18 Draw the cheygram correctly</p>	<p>2 3</p>	<p>5</p>																		
35		<table border="0"> <thead> <tr> <th><u>class</u></th> <th><u>f</u></th> <th><u>cf</u></th> </tr> </thead> <tbody> <tr> <td>0-10</td> <td>5</td> <td>5</td> </tr> <tr> <td>10-20</td> <td>10</td> <td>15</td> </tr> <tr> <td>20-30</td> <td>20</td> <td>35</td> </tr> <tr> <td>30-40</td> <td>12</td> <td>47</td> </tr> <tr> <td>40-50</td> <td>3</td> <td>50</td> </tr> </tbody> </table> <p>median class $\frac{n}{2}$th class $= \frac{50}{2} = 25$th class 20-30 median $L + \left(\frac{\frac{n}{2} - cf}{f} \right) \times c$ $= 20 + \left(\frac{25 - 15}{20} \right) \times 10$ $= 25$</p>	<u>class</u>	<u>f</u>	<u>cf</u>	0-10	5	5	10-20	10	15	20-30	20	35	30-40	12	47	40-50	3	50		<p>5</p>
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36		Education Health On job training migrator informal.	1 1 1 1 1	5
37		Industrial sector financial sector Tax reform Trade and investment Foreign exchange (Any two points)	1 1 1 1 1	5
38		For the correct diagrams on each score		5
39		Three dimensional Approach → growth oriented increase in GDP → specific employment generation program - self employment, wage employment → specific activities - PDS, ICDS	2 3 3	8

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score																												
40		<p>Less than cumulative 1, 9, 19, 25, 30</p> <p>More than cumulative 30, 29, 21, 11, 5</p> <p>Any correct diagram</p>	<p>2</p> <p>2</p> <p>4</p>	<p>8</p>																												
41		<p>Use of non conventional sources of energy</p> <p>LPG in rural areas</p> <p>CNG in urban areas</p> <p>wind power</p> <p>Solar power</p> <p>mini hydel plants.</p> <p>Traditional knowledge</p> <p>Budget control</p> <p>(Any 8 points)</p>		<p>8</p>																												
42		<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">class</td> <td style="width: 15%;">f</td> <td style="width: 15%;">M</td> <td style="width: 50%;">fm</td> </tr> <tr> <td>0-20</td> <td>2</td> <td>10</td> <td>20</td> </tr> <tr> <td>20-40</td> <td>7</td> <td>30</td> <td>210</td> </tr> <tr> <td>40-60</td> <td>13</td> <td>50</td> <td>650</td> </tr> <tr> <td>60-80</td> <td>5</td> <td>70</td> <td>350</td> </tr> <tr> <td>80-100</td> <td>3</td> <td>90</td> <td>270</td> </tr> <tr> <td></td> <td style="border-top: 1px solid black;">30</td> <td></td> <td></td> </tr> </table> <p style="margin-left: 40px;">$\bar{x} = \frac{\sum fm}{N} = \frac{1500}{30} = 50$</p> <p>modal class 40-60</p> <p style="margin-left: 40px;">mode = $L + \frac{D_1}{D_1 + D_2} \times h$</p> <p style="margin-left: 80px;">$= 40 + \frac{6}{6+8} \times 20$</p> <p style="margin-left: 80px;">$40 + \frac{120}{14} = 48.57$</p>	class	f	M	fm	0-20	2	10	20	20-40	7	30	210	40-60	13	50	650	60-80	5	70	350	80-100	3	90	270		30			<p>4</p> <p>4</p>	<p>8</p>
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