

1/9
ANSWER KEY

Code No

FY 435

FIRST YEAR HIGHER SECONDARY EXAMINATION MARCH 2023

PART-I/II/III

SUBJECT: ECONOMICS

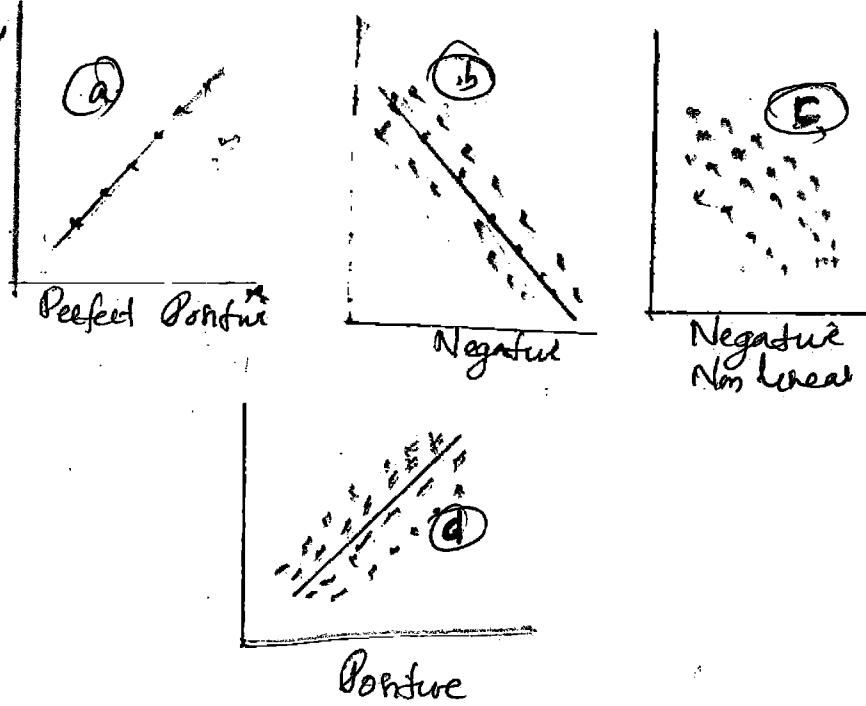
80 SCORES

2/30 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1		(c) Land reforms.	1	1
2.		(b) Goods and Service Tax	1	1
3.		(c) Dadabhai Naoroji	1	1
4.		(b) Production of items fruits, vegetables, flowers etc.	1	1
5.		(d) Mining and quarrying	1	1
6.		(c) Totality of items under study area	1	1
7.		(a) Histogram.	1	1
8.		(c) Median.	1	1
9.		(d) Mode.	1	1
10.		(b) Consumer Price Index	1	1
11.		Inequality, Social, economic, Political, social exclusion, unemployment, indebtedness; unequal distribution of wealth etc... / Any correct two points.	2x1	2
12.		* Change in cropping pattern. * Shift of workforce from agriculture to other activities like, Live stock, fishing, Poultry, horticulture, and other livelihood and non-agriculture sectors.	2x1	2
13.		* Given preliminary idea about the survey * pre-testing the questionnaire. * assessing the suitability of questionnaire * clarity of information etc. (Any two points)	2x1	2

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14.		Equation. $P_{01} = \frac{\sum P_1}{\sum P_0} \times 100$ $= \frac{22}{16} \times 100 = \underline{\underline{137.5}}$	1 1	2
15.		identifying a problem choia of target group Collection of data. Organisation and presentation of data Analysis and interpretation Conclusions bibliography. (Any four points)	4 x 1/2	2
16.		(a) Workforce participation rate/worker - population ratio. (b) Self employed (c) Casualisation of workforce	1 1 1	3
17.		* sustains life. * assimilates wastes * supplies resources.	3x1	3
18.		⇒ to analyse various economic problems like poverty, unemployment etc ⇒ to form ^{or} formulate Policies. ⇒ to present meaningful information about a mass of data etc. (Any 3 points)	3x1	3
19.		Continuous variable can take any numerical value :- Eg:- hight, weight etc. Discrete variable can take only certain in values Eg:- no. of students in a class etc	1 1/2 1 1/2	3

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20		<p>eg: number of students in class.</p> <p><u>Pie chart.</u></p> <table style="margin-left: 20px;"> <tr> <td style="text-align: center;">Percentage</td> <td style="text-align: center;">Angles.</td> </tr> <tr> <td style="text-align: center;"><u>60.</u></td> <td style="text-align: center;">216</td> </tr> <tr> <td style="text-align: center;">15</td> <td style="text-align: center;">54</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">18</td> </tr> <tr> <td style="text-align: center;">12</td> <td style="text-align: center;">43.2</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">14.4</td> </tr> <tr> <td style="text-align: center;"><u>4.</u></td> <td style="text-align: center;"><u>14.4</u></td> </tr> <tr> <td style="text-align: center;"><u>100</u></td> <td style="text-align: center;"><u>360</u></td> </tr> </table> <p style="margin-left: 20px;">Drawing diagrams</p>	Percentage	Angles.	<u>60.</u>	216	15	54	5	18	12	43.2	4	14.4	<u>4.</u>	<u>14.4</u>	<u>100</u>	<u>360</u>	<p>1 1/2</p> <p>1 1/2</p> <p>1 1/2</p>	<p>3</p>
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21.		<p>Large scale production of food grains, using HYV seeds, irrigation facilities, chemical fertiliser and pesticides.</p> <p>Self-sufficiency in food grains products, Marketed surplus etc.</p> <p style="text-align: right;">Any 4 correct points.</p>	<p>4x1</p>	<p>4.</p>																
22	(a)	<p>Process that involves the assembling, storage, grading and distribution, processing, transportation, packaging, grading and distribution of different agricultural commodities across the country.</p>	<p>1.</p>																	

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23	(b)	<ul style="list-style-type: none"> * Regulation of markets. * Provision of physical infrastructural facilities * Co-operative marketing * Policy instruments (Any 3 points) <ul style="list-style-type: none"> ● (PDS, MSP, Buffer stock) <p>(i) Collective cultivation of land</p> <p>(ii) ^{Patashalas} Students and Professors sent to work and learn in countryside.</p> <p>(iii) Massive Industralization of the country.</p>	3	7
24		 <p>(a) Perfect Positive</p> <p>(b) Negative</p> <p>(c) Negative Non linear</p> <p>(d) Positive</p>	4 x 1	4
25		<ul style="list-style-type: none"> * Data of poor reliability will give misleading results * Choice of formula, which depends on the nature of questions to be 		

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		<p>Strategies</p> <ul style="list-style-type: none"> * Selection of base year. * Importance of items? * Subjective of importance given to items. etc. (Any 4 points). 	4x1	4																																																
26.		<p>Education</p> <p>Health</p> <p>on the job training</p> <p>migrations</p> <p>chromatin</p> <p>Explanation each</p>	<p>$\frac{1}{2} \times 5$</p> <p>$\frac{1}{2} \times 5$</p>	5																																																
27.		<table border="0"> <tr> <td>Less than</td> <td>Clm.</td> <td>Less than</td> <td>Cumulative</td> </tr> <tr> <td>"</td> <td>10</td> <td>60</td> <td>freq.</td> </tr> <tr> <td>"</td> <td>20</td> <td>140</td> <td></td> </tr> <tr> <td>"</td> <td>30</td> <td>152</td> <td></td> </tr> <tr> <td>"</td> <td>40</td> <td>180</td> <td></td> </tr> <tr> <td>"</td> <td>50</td> <td>200</td> <td></td> </tr> <tr> <td>More than</td> <td>0</td> <td>more than cu. frequency.</td> <td></td> </tr> <tr> <td>"</td> <td>10</td> <td>200</td> <td></td> </tr> <tr> <td>"</td> <td>20</td> <td>140</td> <td></td> </tr> <tr> <td>"</td> <td>30</td> <td>60</td> <td></td> </tr> <tr> <td>"</td> <td>40</td> <td>48</td> <td></td> </tr> <tr> <td>"</td> <td>50</td> <td>20.</td> <td></td> </tr> </table> <p>Correct graph</p> <p>Locating median 15</p> <p>(Marks can be given to graphical or Mathematical calculation of Median)</p>	Less than	Clm.	Less than	Cumulative	"	10	60	freq.	"	20	140		"	30	152		"	40	180		"	50	200		More than	0	more than cu. frequency.		"	10	200		"	20	140		"	30	60		"	40	48		"	50	20.		<p>1</p> <p>2</p> <p>1.</p>	5.
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		<p>(Marks given to exclusive or ³⁰ inclusive method and any classes with class interval '7' can be considered)</p>																										
29.		<p>a) Personal interview, mailing surveys and Telephone interviews</p> <p>(b) Personal interview means: ^{Personal} Contact is made between respondent and interviewer. Get the opportunity to explaining the study and answering the queries of respondents.</p> <p>Mailing questionnaire: less expensive to have an access to people in areas too.</p> <p>Telephone interviews: Cheaper method, allow researcher to assist the respondent by clarifying the queries (One method, two parts).</p>	3	5																								
30.		<p>(a.) Development that meets the needs of the present generations without compromising the ability of the future generations</p>	2																									

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		<p>to meet their own needs</p> <p>Strategies :-</p> <ul style="list-style-type: none"> * Use of non conventional sources of energy. * use of LPG, solar gas in small areas * Use of CNG in Urban areas * use of traditional knowledge and practices. * Bio composting * Bio Pest control.... (Any 4 points) etc 	1 4x1	5.																																																		
31.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>class</th> <th>f</th> <th>m</th> <th>fm</th> <th>cf</th> </tr> </thead> <tbody> <tr> <td>0-10</td> <td>5</td> <td>5</td> <td>25</td> <td>5</td> </tr> <tr> <td>10-20</td> <td>15</td> <td>15</td> <td>225</td> <td>20</td> </tr> <tr> <td>20-30</td> <td>18</td> <td>25</td> <td>450</td> <td>38</td> </tr> <tr> <td>30-40</td> <td>12</td> <td>35</td> <td>420</td> <td>50</td> </tr> <tr> <td>40-50</td> <td>20</td> <td>45</td> <td>900</td> <td>70</td> </tr> <tr> <td>50-60</td> <td>15</td> <td>55</td> <td>825</td> <td>85</td> </tr> <tr> <td>60-70</td> <td>7</td> <td>65</td> <td>455</td> <td>92</td> </tr> <tr> <td>70-80</td> <td>3</td> <td>75</td> <td>225</td> <td>95</td> </tr> <tr> <td colspan="2" style="text-align: center;">$\Sigma f = 95$</td> <td colspan="3" style="text-align: center;">$\Sigma fm = 3525$</td> </tr> </tbody> </table> <p style="text-align: center;">$\bar{X} = \frac{3525}{95} = 37.111$</p> <p style="text-align: center;">Median class = $N/2$ th class = 47.5 = 30-40.</p> <p style="text-align: center;">Median = $L + \frac{(N/2 - cf)}{f} \times h.$</p>	class	f	m	fm	cf	0-10	5	5	25	5	10-20	15	15	225	20	20-30	18	25	450	38	30-40	12	35	420	50	40-50	20	45	900	70	50-60	15	55	825	85	60-70	7	65	455	92	70-80	3	75	225	95	$\Sigma f = 95$		$\Sigma fm = 3525$			2	
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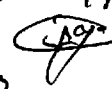
8/9

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		$L = 30, \quad N/2 = 47.5 \quad Cf = 38$ $f = 12, \quad h = 10$ $= 30 + \frac{47.5 - 38}{12} \times 10$ $= 30 + \frac{9.5}{12} \times 10 = 30 + 7.92$ $= \underline{\underline{37.92}}$ $M_0 = L + \frac{D_1}{D_1 + D_2} \times h$ <p>modal class = 40-50</p> $D_1 = 40$ $L = 40$ $D_1 = 8, \quad D_2 = 5, \quad h = 10$ $= 40 + \frac{8}{8+5} \times 10 = 40 + \frac{8}{13} \times 10$ $= 40 + 6.15$ $= \underline{\underline{46.15}}$	3	8.
32		<p>[For correct formula, <u>one score</u> for each \bar{x}, M, M_0]</p> <p>(*) De-regulation of Industrial Sector. Industrial licensing abolished except alcohol, cigarettes, hazardous chemicals, industrial explosives, electronics.</p> <p>* Reservation of small scale industry have been de-reserved for <u>small growth</u></p> <p>* Market has been allowed to <u>determine price</u></p> <p>Financial Sector: -</p> <p>* Reduced the role of RBI</p>	3	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		<ul style="list-style-type: none"> * established pub. sector banks * Foreign investment limit raised. * Permitted to start new branches. <p>Tax reforms: -</p> <ul style="list-style-type: none"> * Reduced income tax, Corporate tax reduced * Banned GST in 2018 <p>Foreign exchange reforms: -</p> <ul style="list-style-type: none"> * Rupee was devalued. * Foreign exchange markets are starting to determine rate by demand and supply. <p>Trade and Investment Policy (Ans 4 sectors with two points)</p>	2 2 2 2	8
33	(a)	<ul style="list-style-type: none"> * Growth oriented approach. * Reducing poverty thereby creating employment opportunities * Providing basic minimum amenities <p>(b) Proper Explanations</p>	3x1	8
1.		Dileep Kumar. V. HST, SNHSS Sreekanthapuram. 94 95 22 34 59		
2		Sathi. T.K GYHSS Kalpakanchery 9495293490		
3		T. Ramachandran. HST UHSS Thenthiruvissi PKA -		

8289922265

4. JOBY P. E., CHSS, Irtanikkulam, Alwar - 9446060118

5. SAJID I M K HSS KANNADI 9447355603 
6. Vimaja E.V K.N.M.V.H SS vatanappally 9400687087 
7. Jayasree.v.R HSS Muvattupuzha 9446922347
8. Dr. Shaji Kuriakose St. Anne's HSS, Kuriamad, 9447308590 
9. Shaji Paul, G.H.S. Perambakkappilly ~~9037748763~~ / Shaji Jayaraman
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