

ANSWER KEY

FIRST YEAR HIGHER SECONDARY EXAMINATION 2022

PART-III/III

SUBJECT: ECONOMICSCODE NO: FY 68VERSION: C80 SCORES2 1/2 HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1		b) 40	1	1
2		c) animals	1	1
3.		c) Dadabai Naoroji	1	1
4.		b) NCERT	1	1
5.		a) Agriculture	1	1
6.		c) Liberalisation	1	1
7.		a) Median	1	1
8.		b) Stock exchange	1	1
9.		a) Census Method	1	1
10.		b) China	1	1
11.		c) No correlation	1	1
12.		b) Petrol	1	1
13.		Regulation of markets Provision of physical infrastructure Cooperative marketing Policy instruments, MSP, maintenance of buffer stock (2x1=2) (Any two points)		2
14.		• Random sampling • Non random sampling (2x1=2)		2

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score						
15.		Growth, Equity Modernisation Self reliance [Goals of Five year plan] (2x1=2) Any two goals.		2						
16.		$\text{Range (R)} = L - S \quad (\text{Eq:n I})$ $R = 50 - 10 = 40 \quad (\text{Ans: I})$		2						
17.	a)	Choice of Target group	1							
	b)	Organisations and presentation of data (2x1=2)	1	2						
18.	a)	Quantitative classification	1							
	b)	Spatial classification	1	2						
19.	a)	WTO	1							
	b)	Disinvestment	1	2						
20.		Consumer price Index, Wholesale price index, Human development Index Industrial production Index, SENSEX (Any two) (2x1=2)		2						
21.		<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><u>Regular salaried</u></td> <td style="width: 50%;"><u>Self employed</u></td> </tr> <tr> <td>• Government employee</td> <td>• Street vendor</td> </tr> <tr> <td>• Engineer in a leading construction company</td> <td>• owner of a hotel</td> </tr> </table> <p style="text-align: center;">(4 x 1/2 = 2)</p>	<u>Regular salaried</u>	<u>Self employed</u>	• Government employee	• Street vendor	• Engineer in a leading construction company	• owner of a hotel		2
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22.		<ul style="list-style-type: none"> <li>• Use of HYV seeds</li> <li>• First phase in 1960's</li> <li>• Second phase in 1980's</li> <li>• Self sufficiency in food grains</li> <li>• Increased marketed surplus</li> <li>• Decline in price of food grains</li> <li>• Disadvantages of green revolution</li> </ul> <p>(Any three points) (3 × 1 = 3)</p>		3
23.		<ul style="list-style-type: none"> <li>• Helps to understand an economic problem.</li> <li>• Helps to present economic facts in precise and definite form.</li> <li>• Helps.</li> <li>• Condense mass data</li> <li>• Statistics is used in finding relationships among various economic variables</li> <li>• Helps to predict future trends</li> </ul> <p>Any three points (3 × 1 = 3)</p>		3
24.	a) b) c)	<p>Range</p> <p>Mean Deviation</p> <p>Standard deviation</p> <p>(3 × 1 = 3)</p>	1 1 1	3
25.		$PoI = \frac{\sum P_1}{\sum P_0} \times 100 \quad \text{Eqn - I}$ $PoI = \frac{40 + 20 + 10 + 30}{20 + 10 + 5 + 15} \times 100 \quad \text{Process 1}$ $= \frac{100}{50} \times 100$ $= 200\%$ <p>Ans: 1</p>		3

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26.		<p>Mailed Interview - Advantages</p> <ul style="list-style-type: none"> <li>• Least expensive</li> <li>• Only method to reach remote areas</li> <li>• No influence on respondents</li> <li>• Maintains anonymity of respondents</li> <li>• Best for sensitive questions.</li> </ul> <p>(Any three points) <math>3 \times 1 = 3</math></p>		3
27.		<p>Primary sector      Secondary sector      Service Sector</p> <ul style="list-style-type: none"> <li>• Agriculture      • Manufacturing      • Transport</li> <li>• Mining      • Water supply      • Services</li> </ul> <p><math>6 \times \frac{1}{2} = 3</math></p>		3
28.		<p>Pie diagram - Circle divided into component parts</p> <p>Histogram - Frequency diagram</p> <p>Ogives - Cumulative frequency curves</p> <p>(<math>3 \times 1 = 3</math>)</p>		3
29.	<p>a)</p> <p>b)</p> <p>c)</p> <p>d)</p>	<p>Horticulture</p> <p>Animal husbandry</p> <p>Operation flood</p> <p>NABARD</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p>	4
30.		<ul style="list-style-type: none"> <li>• Low level of agricultural productivity</li> <li>• Land settlement</li> <li>• Revenue settlement</li> <li>• Commercialisation of agriculture</li> </ul> <p>(<math>4 \times 1 = 4</math>)</p>		4

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score																														
31		<table border="1"> <thead> <tr> <th>Class</th> <th>Tally mark</th> <th>Freq.</th> </tr> </thead> <tbody> <tr> <td>0-10</td> <td>I</td> <td>1</td> </tr> <tr> <td>10-20</td> <td>III</td> <td>3</td> </tr> <tr> <td>20-30</td> <td>IIII</td> <td>4</td> </tr> <tr> <td>30-40</td> <td>III</td> <td>3</td> </tr> <tr> <td>40-50</td> <td>IIII</td> <td>5</td> </tr> <tr> <td>50-60</td> <td>III</td> <td>3</td> </tr> <tr> <td>60-70</td> <td>III</td> <td>3</td> </tr> <tr> <td>70-80</td> <td>III</td> <td>3</td> </tr> <tr> <td colspan="2">Total</td> <td>10</td> </tr> </tbody> </table> <p>Class - 2 Tally - 1 Frequency = 1</p>	Class	Tally mark	Freq.	0-10	I	1	10-20	III	3	20-30	IIII	4	30-40	III	3	40-50	IIII	5	50-60	III	3	60-70	III	3	70-80	III	3	Total		10		4
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32		<p><u>China</u></p> <p>Great Leap forward 1958 Commune system Great Proletarian Cultural Revolution Special Economic zones.</p> <p>(4 x 1 = 4)</p>		4																														
33		<p>a) Negative Correlation b) Perfect Positive correlation c) Perfect Negative Correlation d) Positive correlation</p> <p>(4 x 1 = 4)</p>		4																														
34		<ul style="list-style-type: none"> <li>• Insufficient installed capacity</li> <li>• SEB's incur losses</li> <li>• Role of private sector</li> <li>• Public unrest due to power cuts and high tariffs</li> <li>• Shortage of raw materials.</li> </ul> <p>(5 x 1 = 5)</p>		5																														

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35.		Simple bar diagram - Correct rectangles (5x1=5)		5																							
36.		<p>Liberalisation Measures.</p> <p>→ Tax</p> <ul style="list-style-type: none"> <li>• Fiscal policy</li> <li>• Reduction of Tax</li> <li>• Simplification of tax procedures</li> </ul> <p>→ Foreign Exchange</p> <ul style="list-style-type: none"> <li>• Devaluation of Indian rupee</li> <li>• Market determined exchange rate.</li> </ul>		5																							
37.		<p><u>Standard deviation</u></p> $\bar{X} = \frac{100}{5} = 20 \quad \text{Equation - I}$ <table style="margin-left: 20px;"> <tr> <td style="border-bottom: 1px solid black;">D</td> <td style="border-bottom: 1px solid black;">D<sup>2</sup></td> <td></td> </tr> <tr> <td>10</td> <td>100</td> <td rowspan="5" style="vertical-align: middle;"><math>\sigma = \sqrt{\frac{\sum d^2}{n}}</math> Answer - 1</td> </tr> <tr> <td>5</td> <td>25</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>5</td> <td>25</td> </tr> <tr> <td>10</td> <td>100</td> </tr> <tr> <td></td> <td style="border-top: 1px solid black;">250</td> <td><math>= \sqrt{\frac{250}{5}}</math></td> </tr> <tr> <td></td> <td></td> <td><math>= \sqrt{10}</math></td> </tr> <tr> <td></td> <td></td> <td><math>= \underline{\underline{3.33}}</math></td> </tr> </table> <p style="margin-left: 20px;">Process - 3</p>	D	D <sup>2</sup>		10	100	$\sigma = \sqrt{\frac{\sum d^2}{n}}$ Answer - 1	5	25	0	0	5	25	10	100		250	$= \sqrt{\frac{250}{5}}$			$= \sqrt{10}$			$= \underline{\underline{3.33}}$		5
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38.		<p><u>Sources of Human Capital formation</u></p> <ul style="list-style-type: none"> <li>• Education</li> <li>• Health</li> <li>• On the job training</li> <li>• Migration</li> <li>• Information</li> </ul> <p style="margin-left: 20px;">5 points + (Explanation)</p>		5																							

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
39.		<p>Poverty Alleviation Programmes.</p> <ul style="list-style-type: none"> <li>• Growth Oriented approach               <ul style="list-style-type: none"> <li>- Trickle down to poor</li> <li>- Population growth badly affected</li> <li>- Green revolution created gap between rich &amp; poor</li> </ul> </li> <li>• Creation of additional <sup>assets</sup> and work generation               <ul style="list-style-type: none"> <li>- Wage employment programmes</li> <li>- Self employment programmes</li> </ul> </li> <li>• Provide minimum basic amenities               <ul style="list-style-type: none"> <li>- Social security measures</li> </ul> </li> </ul>	<p>2 4 2</p>	8
40		<p>Sustainable development (Explanation-2)</p> <p>Strategies-</p> <ul style="list-style-type: none"> <li>• Use of non conventional source of energy</li> <li>• LPG, Gas in rural areas</li> <li>• CNG in urban areas</li> <li>• Wind power, Solar power</li> <li>• Mini hydel plants</li> <li>• Traditional knowledge &amp; practice</li> <li>• Bio composting</li> <li>• Bio pest control</li> </ul> <p>(Any 6 with - 6 explanations)</p>		8

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41		<p>Arithmetic Mean</p> $\bar{X} = \frac{\sum fm}{\sum f}$ $= \frac{405}{15}$ $= \underline{\underline{27}}$ <p>Median = <math>L + \frac{\frac{N}{2} - cf}{f} \times h</math></p> $= 20 + \frac{7.5 - 5}{5} \times 10$ $= 20 + 5$ $= \underline{\underline{25}}$		8

Eqn - 1  
Process 2  
Answer 1 } 4

Eqn - 1  
Process 2  
Ans: I } 4