



## ANSWER KEY

### HSE – I – MODEL EXAMINATION – FEBRUARY 2025

Q.	KEY	SCORE	Q.	KEY	SCORE
	<b>Answer any 8 ;score 1</b>			<b>Answer any 4. score 4</b>	
1	a. milk production	1	21	a. China – industrialisation – explanation b. China – 1966-76; explanation	2 2
2	d. census report	1	22	a. rank correlation'; b. $r=0$ ; c. $R=1$ d. Coefficient of correlation	1+1+1+1
3	c. as X increases Y decreases	1	23	a. education – raises standard of living, create employment, income etc.. explanation b. health- skilled labourers, productivity increases etc... explanation	2 2
4	d. chloro fluoro carbon	1	24	High birth rate, low death rate, low life expectancy, low literacy, poverty etc.. (any 4 points )	4
5	b. kudumbasree mission	1	25	a. census – based up on population- merits; sample-based up on sample-merits b. CSO, NSSO, RGI etc... (any2)	2 2
6	b. histogram	1		<b>Answer any 4.score5</b>	
7	b. small scale industries	1	26	Histogram ; frequency polygon	3+2
8	b. cost of living index	1	27	Primary data & secondary data-meaning - differences personal interview, mailing questionnaire, telephone interview	2 3
9	d. disinvestment	1	28	* use non conventional energy sources* use LPG, Gobar gas in rural areas* use CNG in urban areas* use solar energy through photovoltaic cells* use wind power etc... (any 5 points with explanation)	5
10	b. worker population ratio	1	29	a. outcome of liberalisation and privatisation-integrate our economy with world economy - explanation b. meaning- merits ; technological development, create employment etc...	3 2
	<b>Answer any 4 . score 2</b>		30	Exclusive- upper limit is equal to lower limit of next class-; upper limits excluded from the class eg- 0-10, 10-20 ,20-30 etc.... inclusive - upper limit is not equal to lower limit of next class- upper limits included in the class- 0-9, 10-19 ,20-29 etc....	2 1/ 2 2 1/2
11	Studies relationship between economic variables, comparison of data, formulation of plans & policies of govt etc.. (any 2 points)	2		<b>Answer any 2. score 8</b>	
12	Started in 1995-successor of GATT- India member country- removal of barriers on trade (any 2 points)	2	31	a. Social , economic and political inequality Unemployment, Social exclusion, Lack of income and assets, Low capital formation, Lack of infrastructure , Indebtedness etc..(any5 points with explanation)	5
13	Qualitative, chronological/spatial	2		b. SHG, kudumbasree mission , MNREG etc.. explanation	3
14	Sustains life, assimilates wastes, aesthetic services etc.. (any 2 points)	1	32	Mean ; formula- process- mean= 26.1 median; formula- process- median = 26.5 mode; formula – process- mode=26.52	3 3 2
15	Selection of target group, collection of data, organisation & presentation of data, analysis	2	33.	a. Agricultural marketing is a process of assembling, storage, processing, transportation,	2

	and interpretation etc.,, (any 4 points)			packaging, grading and distribution of agricultural products.	
	<b>Answer any 4. score 3</b>				
<b>16</b>	Productivity increased, self reliance, modernisation, food crisis solved etc..(any3)	3		b. * Regulation of markets.* Provide physical infrastructure like transport, storage facilities etc... * Promote cooperative marketing.* Introduce policy instruments like support price policy, PDS etc....* Abolish intermediaries.	4
<b>17</b>	Pre testing of questionnaire/ try out survey * assess suitability of questions, time for actual survey, actual money costs etc...(any2)	1 2		c. Apni Mandi ( Punjab, Hariyana, Rajasthan ), Hadaspar Mandi ( Pune ), Rythu Bazar ( A.P ), Uzhavar Zandi ( Tamil Nadu ) etc..... (any2)	2
<b>18</b>	Simple bar diagram (4 bars)	3			
<b>19</b>	Urban men are higher than women, rural men are higher than women etc.. (any 3 points)	3			
<b>20</b>	$(\Sigma P1/\Sigma P0 \times 100 = (292/190) \times 100 = 153.68$	3			