Kerala Board

# Answer Key

2024

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# ANSWER KEY

FIRST YEAR HIGHER SECONDARY EXAMINATION ...MARCH.... 2024

PART-~~I/II~~/III

SUBJECT: .HOME...SCIENCE.....

CODE NO: **FY 428** VERSION: C....

..60. SCORES .....2. HOURS

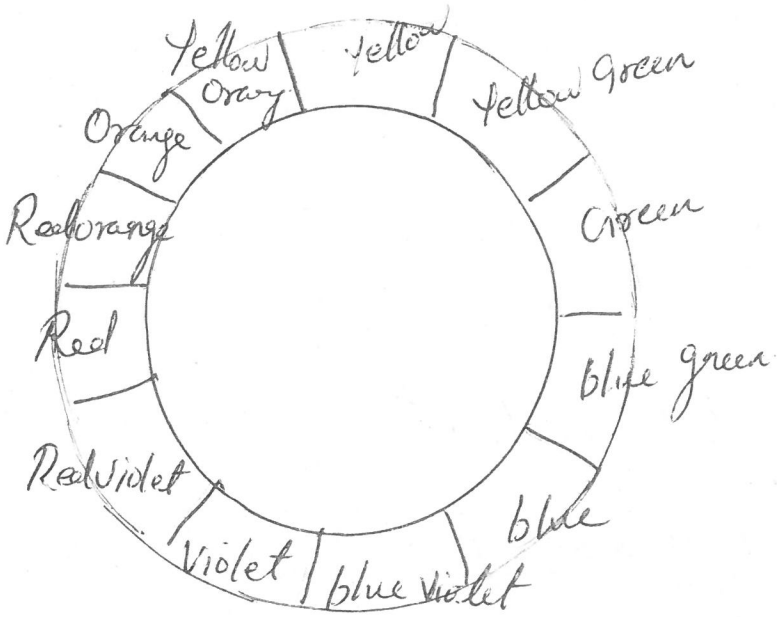
| Qn. No | Sub Qns | Answer Key/Value Points | Score | Total Score |
|---|---|---|---|---|
| 1 | | d. Anatomy | 1 | 1 |
| 2 | | d. Vegetables and fruits | 1 | 1 |
| 3 | | ELISA | 1 | 1 |
| 4 | | c. Punishment. | 1 | 1 |
| 5 | | b. Montissory Schools. | 1 | 1 |
| 6 | | c. Bulimia Nervosa | 1 | 1 |
| 7 | | Bureau of Indian Standerds. | 1 | 1 |
| 8 | | a) Poverty<br>b. Family influence<br>c) Victims of abuse<br>d. School dropouts<br>e. Peer influence<br>f) Gang culture<br>g) Lack of appropriate sex education<br>h) Home Situation<br>i) Exposure to media<br>[any Two valid points can be Scored] | 1<br>1<br>1 | 2 |
| 9. | | Non human Resource<br>Time. Energy, knowledge, skill (any one) | 1<br>1 | 2 |
| 10. | | a) Mumps<br>b) MMR Vaccine | 1<br>1 | 2 |
| 11. | | 2) Colour<br>4) Texture | 1<br>1 | 2 |

| Qn. No | Sub Qns | Answer Key/Value Points | Score | Total Score |
|---|---|---|---|---|
| 12. | | Sickle Cell anaemia -<br>- Red blood Cells become Sickle Shaped<br>- Can not transport $O_2$<br>- RBC live only short duration<br>[Any other valid points can also be scored] | 1<br>1<br>1 | 3 |
| 13 | | - Play leads to happiness<br>- Play helps to prevent boredom<br>- Play helps to reduce stress<br>- Play helps to divert aggressive instinct.<br>[any 3 valid points can be scored] | 1<br>1<br>1 | 3 |
| 14. | | - Loss of general attractiveness<br>- financial worries<br>- Declined mental functioning<br>- Wrinkles, Liver spots etc.<br>- Deterioration of Sense Organs.<br>[any other valid points can also be scored] | 1<br>1<br>1 | 3 |
| 15. | | - Breast milk offers protection against infection<br>- Colustrum - the pre milk substance provide immunity<br>- Breast milk improves Cognitive development<br>[any other valid points can also be scored. | 1<br>1<br>1 | 3 |

| Qn. No | Sub Qns | Answer Key/Value Points | Score | Total Score |
|---|---|---|---|---|
| 16 | | a) adopting income generating activities<br>b) Part-time Job.<br>c) Increase in Real Income<br>d) Judicious Investment.<br>e) Judicious use of Material Resource<br>[any 3 points can be scored] | 1<br>1<br>1 | 3 |
| 17 | | - Resources are useful.<br>- Resources are limited in supply.<br>- Resources are inter-related<br>- Resources have alternate uses<br>- Resources can be substituted. | 1<br>1<br>1 | 3 |
| 18 | | Growth: Refers increase in wt. Size<br>Development: Improvement in the function of body process<br>Easily measured / Can't measured easily<br>Limited / Continuous process<br>Quantitative / Qualitative<br>[Any 4 Valid points can be Scored] | 1<br>1<br>1<br>1 | 4 |
| 19. | | The process of forming identity is called identity formation -<br>Self Concept, Sense of identity & Self esteem are the 3 aspects.<br>- Identity Crisis is a state of psychological distress. | 3.<br>1 | 4 |

| Qn. No | Sub Qns | Answer Key/Value Points | Score | Total Score |
|---|---|---|---|---|
| 20 | | a) Poverty<br>b) Relatively large family<br>c) Illiteracy and ignorance of parents<br>d) Orphaned abandoned and rejected children<br>e Failure to enforce existing laws.<br>[any 4 points can be scored] | 1<br>1<br>1<br>1 | 4 |
| 21 | | Physiological Fatigue - Energy is stored in the form of Glycogen in the body. During muscular activity, the $O_2$ you breath combines with glycogen and give energy. Muscular activities also give rise to waste products like lactic acid and $CO_2$. The presence of these waste materials in the blood gives rise to fatigue - ie Physiological fatigue<br>Psychological Fatigue<br>One may feel exhausted even though the capacity to do the work is unaltered. This cause because of boredom or frustration - - - | 2<br>2 | 4 |

| Qn. No | Sub Qns | Answer Key/Value Points | Score | Total Score |
|---|---|---|---|---|
| 22. | | - Helps to develop the ability to decide and choose things intelligently<br>- Helps to take suitable action when faced with a problem.<br>- Helps in optimum utilisation of money.<br>- Helps to be alert, well informed and vigilant against corruption<br>- Helps to demand safe, reliable and good quality product at reasonable rate. | 1<br>1<br>1<br>1 | 4 |
| 23 | | Structural Design denotes the structure and construction of an object. All objects have a structural design which is a combination of size, shape, form, colour & texture<br>Decorative design is the surface enrichment of the structural design [Diagrams can also be scored] | 2<br>2 | 4 |
| 24. | | a) Significant period.<br>b) Transitional phase from childhood to adulthood.<br>c) Problem age<br>d) Time of identity formation<br>e) Unrealistic aspiration<br>f) Threshold of adulthood.<br>g) Time of experimentation, idealism Conflict & Uncertainty<br>(Any 6 points) | 1<br>1<br>1<br>1<br>1<br>1<br>1 | 6 |

| Qn. No | Sub Qns | Answer Key/Value Points | Score | Total Score |
|---|---|---|---|---|
| 25 | |   | 6 | 6 |
| 26 | | - Variation in prices<br>- Defective weights and measures.<br>- Hoarding of Commodities<br>- Substandard quality<br>- Misleading labelling<br>- Customer persuation by Shopkeeper<br>- False advertisement<br>- Adulteration<br>- Delayed and Inadequate Consume. Services<br>[Any 6 points with explanation] | 1<br>1<br>1<br>1<br>1<br>1 | 6 |

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