

1. 'Pelletisation' in waste management refers to:
  - A) Process of adding microorganisms to consume spilled oil
  - B) Processing of municipal solid waste to produce RDF
  - C) Process of recycling organic waste under anaerobic conditions
  - D) Removal of toxic layer from top soil
2. Monitoring is also referred as -----.
  - A) Evaluation
  - B) Impact evaluation
  - C) Process evaluation
  - D) Performance evaluation
3. Category data without order (ie, male, female) is called:
  - A) Ordinal Data
  - B) Ratio Data
  - C) Nominal Data
  - D) Interval Data
4. Through test – retest method, which one of the following characteristics of research tool can be checked?
  - A) Reliability
  - B) Validity
  - C) Compatibility
  - D) Efficiency
5. Communication model which shows a one way flow of information from source to the receiver is called:
  - A) Linear model
  - B) Circular model
  - C) Singular model
  - D) Horizontal model
6. A quantity which expresses that how much the members of a group differ from the mean value is referred to:
  - A) Frequency
  - B) Mean
  - C) Standard Deviation
  - D) Correlation
7. Logo of ecomark scheme is:
  - A) Earth
  - B) Earthen pot
  - C) Forest
  - D) Clay
8. Choose the secondary pollutant:
  - A) CO
  - B) CO<sub>2</sub>
  - C) Sulphur
  - D) Sulphuric acid
9. Name the submerged oxygenating plants:
  - A) Fairy moss
  - B) Horn wort
  - C) Frogbit
  - D) Water soldier
10. Evaluation based on the people involved in the process is ----- evaluation.
  - A) Formal
  - B) Informal
  - C) Internal
  - D) Casual every day

11. Match List-I with List-II
- | List-I                                     | List-II |
|--|---------|
| a. The Agricultural Produce Act            | 1. 1955 |
| b. Essential Commodities Act               | 2. 1976 |
| c. MRTP Act                                | 3. 1937 |
| d. The Standards of Weights & Measures Act | 4. 1969 |
- A) a-3,b-1,c-4,d-2                      B) a-1,b-2,c-3,d-4  
 C) a-2,b-3,c-4,d-1                      D) a-2,b-1,c-4,d-3
12. Stages of self help groups are:
- A) Group formation, Capital formation, Economic activity for skill generation  
 B) Economic activity for skill generation, Capital formation, Group formation  
 C) Capital formation, Group formation, Economic activity for skill generation  
 D) Group formation, Economic activity for skill generation, Capital formation
13. Match List -I with List-II
- | List-I         | List -II                 |
|----------------|--------------------------|
| a. Vitamin B12 | 1. Keshans disease       |
| b. Cobalt      | 2. Pernicious anaemia    |
| c. Copper      | 3. Megaloblastic anaemia |
| d. Selenium    | 4. Wilsons disease       |
- A) a-1,b-2,c-3,d-4                      B) a-2,b-4,c-3,d-1  
 C) a-3,b-2,c-4,d-1                      D) a-2,b-1,c-3,d-4
14. Expansion of CSSM:
- A) Child Survival and Safe Motherhood  
 B) Child Survival and Secure Motherhood  
 C) Child Safety and Secure Motherhood  
 D) Child Safety and Survival Method
15. Fruit puree can be preserved by adding
- A) Sulphite                                      B) Sorbic Acid  
 C) Sulphur dioxide                            D) Citric Acid
16. Assertion(A) : Ponderal Index provide information on the proportionality of body growth  
 Reason (R) : Ponderal index does not vary with gestational age of infants and not useful for identification of risk of neonatal hypoglycemia
- A) Both A and R are false                  B) A is true, but R is false  
 C) A is false, but R is true                 D) Both A and R are true

17. Tri-Ortho Cresyl Phosphate is an adulterant used in:  
 A) Milk and milk products    B) Fats and oils  
 C) Spices and condiments    D) Beverages
18. e Baalnidan, an online complaint management system for lodging complaints related to violation of child rights is an initiative of:  
 A) NCPCR    B) KSCCW    C) ICCW    D) ECCE
19. Which among the following is an aquatic biotoxin?  
 A) Lectins    B) Furocoumarins  
 C) Ciguatoxins    D) Cyanogenic Glycoside
20. Number of components in APQAR score:  
 A) 3    B) 4    C) 5    D) 6
21. Which is **not** a prebiotic?  
 A) Lactulose    B) Lactose    C) Insulin    D) Oligofructose
22. Which among the following is **not** a process barrier in communication process?  
 A) Semantic Barrier    B) Sender Barrier  
 C) Medium Barrier    D) Feed back Barrier
23. Eliz health plan is a growth assessment chart for:  
 A) Infants    B) Preschoolers  
 C) School going    D) Adolescents and Adults
24. Process of converting the subject matter into symbols:  
 A) Transmitter    B) Feedback    C) Encoding    D) Decoding
25. Vitamin which perform co enzyme functions in bicarbonate dependent carboxylation:  
 A) Thiamine    B) Pyridoxine    C) Folic acid    D) Biotin
26. ICMR 2020 recommendation of energy requirement for a sedentary adult man is:  
 A) 2320    B) 2300    C) 2100    D) 2110
27. The characteristic of audiovisual aids to relate the new experience with past experience:  
 A) Realism    B) Comprehensibility  
 C) Relevance    D) Accuracy
28. Assertion (A): Phytochemicals are used as functional foods  
 Reason ( R): Phytochemicals have got antioxidant potential which give immediate health benefits
- A) Both A and R are true    B) Both A and R are false  
 C) A is true but R is false    D) A is false but R is true

29. Edited realities that differ from the original in terms of their size and complexity but offer similar experience than that of reality:  
 A) Dramatised experience      B) Contrived experience  
 C) Purposeful experience      D) Demonstration
30. Parenting style where parents establish rules and guidelines that their children are expected to follow:  
 A) Authoritarian                      B) Authoritative  
 C) Permissive                          D) Uninvolved
31. Which among the following is **not** a hypermetabolic condition?  
 A) AIDS                                  B) Cancer  
 C) Hypertension                      D) Tuberculosis
32. Any deviation or change for the worse in either auditory structure or function is known as:  
 A) Hearing loss                          B) Hearing handicap  
 C) Hearing disability                  D) Hearing impairment
33. Liver function tests do **not** include:  
 A) LDH                      B) ALT                      C) ALP                      D) GGT
34. A good visual aid must create the following steps:  
 A) Interest, Desire, Attention, Action  
 B) Action, Attention, Interest, Desire  
 C) Interest, Action, Desire, Attention  
 D) Attention, Interest, Desire, Action
35. Adulterant used for colouring ragi:  
 A) Rhodamine B                      B) Copper Sulphate  
 C) Sudan Red                          D) Malachite Green
36. Snellen test is used to measure:  
 A) Muscle balance                      B) Visual acuity  
 C) Distant vision                      D) Near vision
37. A balance created when the design details radiate from a central focus point is ----- balance.  
 A) Horizontal      B) Radial              C) Vertical              D) Asymmetrical
38. Insects will **not** breed in cereal grains if temperature is:  
 1. Below 10<sup>0</sup>C                      2. Above 35<sup>0</sup>C  
 3. Between 10-35<sup>0</sup>C              4. Between 25-35<sup>0</sup>C  
 A) 1 & 2 only      B) 3 only              C) 4 only              D) 3 & 4 only

39. Transaction analysis is a psychoanalytic therapy used to analyze the process of transaction in communication with others that is made up of ego states of :  
 A) The Parent B) The Adult C) The Child D) All of these
40. Major component of biogas:  
 A) CO<sub>2</sub> B) Methane C) N<sub>2</sub> D) H<sub>2</sub>
41. The pattern maker creates a pattern for each garment piece by manipulating the basic block to create the desired shape and style:  
 A) Block creation B) Fitting  
 C) Pattern creation D) Grading
42. Amount of water to be replenished post exercise is:  
 A) 0.5 L B) 1 L C) 1.5 L D) 2L
43. Lightness obtained in colour after adding white to it is called:  
 A) Tint B) Shade C) Intensity D) Hue
44. Joining line where the parts of the materials are stitched together  
 A) Seam allowance B) Seam  
 C) Selvedge D) Tucks
45. Emissions of green house gases are converted into:  
 A) CO<sub>2</sub> e B) CO<sub>2</sub> C) CO D) COe
46. Name the imaginative play:  
 A) Free play B) Parallel play C) Symbolism D) Solitary play
47. SIDCO is a government owned public sector corporation involved in development and promotion of :  
 A) Education B) Small scale industries  
 C) Employment D) Empowerment
48. Match List-I with List-II  
 List -I  
 a. Kashida  
 b. Kasuti  
 c. Chamba Rumal  
 d. Phulkari  
 List -II  
 1. Punjab  
 2. Himachal Pradesh  
 3. Kashmir  
 4. Karnataka  
 A) a-3,b-4,c-2,d-1 B) a-1,b-2,c-3,d-4  
 C) a-4,b-3,c-1,d-2 D) a-2,b-1,c-4,d-3
49. Choose the neutral colour:  
 A) Yellow B) Blue C) Red D) Grey

50. Ministry of health and family welfare has endorsed the addition of iron per grams in double fortified salt at----- mg/g.  
 A) 0.8-1.0      B) 0.8-1.1      C) 0.8-1.2      D) 0.8 -1.3
51. A defense mechanism in which a person justifies his unjustified behaviour by giving socially acceptable reasons for it:  
 A) Rationalization      B) Repression  
 C) Regression      D) Sublimation
52. A mid term evaluation:  
 A) Ex ante      B) Ex post facto  
 C) Formative      D) Summative
53. Match List-I with List-II  
 List -I      List -II  
 a. Jungs theory      1. Learning  
 b. Recapitulation theory      2. Personality development  
 c. Skinners theory      3. Psycho social development  
 d. Erikson theory      4. Play  
 A) a-4,b-3,c-2,d-1      B) a-2,b-4,c-1,d-3  
 C) a-1,b-2,c-3,d-4      D) a-4,b-3,c-1,d-2
54. The new material invented and used in Roman architecture was:  
 A) Concrete      B) Marble      C) Glass      D) Stone
55. Universal immunization programme was launched in:  
 A) 1986      B) 1985      C) 1987      D) 1988
56. Amount of iron in an astronaut diet should be:  
 A) 10 mg      B) >10 mg      C) < 10 mg      D) 21mg
57. Kitchen with 2 parallel counters with lot of storage space at every reach:  
 A) L      B) U      C) Island      D) Galley
58. Which among the following is **not** true about bog garden?  
 A) Not a part of water garden  
 B) Irregular shaped  
 C) Like moisture  
 D) Moist sump into which water from pool can over flow
59. My plate recommended by ICMR represents proportions of different food groups for meeting----- kcal.  
 A) 1500      B) 2000      C) 2200      D) 2500

60. A systematic method having the advantage of providing continuous and integrated observations of child development:  
 A) Experimentation                      B) Observation  
 C) Biography                              D) Interview
61. Research which portray accurately the characteristics of a particular individual or situation:  
 A) Exploratory    B) Formulative    C) Descriptive    D) Diagnostic
62. Acquired tendencies to respond positively or negatively to an event:  
 A) Values            B) Standards    C) Goals            D) Attitude
63. Fibers produced using a natural source as a base and a chemical process for generating the filament:  
 A) Synthetic fiber                      B) Regenerated fibers  
 C) Vegetable fiber                      D) Animal fiber
64. Which among the following is **not** a characteristic of staple fiber  
 A) Maximum length 60mm    B) Measured in inch or cm  
 C) Used in felted fabrics    D) Staple fibers are usually synthetic
65. Match items in List-I with List II
- |                          |          |
|--------------------------|----------|
| List-I                   | List -II |
| a. Ideal village project | 1.1920   |
| b. Shantiniketan project | 2.1903   |
| c. Gurgaon project       | 3.1928   |
| d. Marthandam project    | 4.1908   |
- A) a-2, b-4, c-1, d-3                      B) a-1, b-2, c-3, d-4  
 C) a-3, b-2, c-4, d-1                      D) a-2, b-3, c-1, d-4
66. Safe range of cyanide content per 100g of pulses is:  
 A) 5-10 mg    B) 10-15 mg    C) 10-20mg    D) 15-20 mg
67. ----- is the central core of management.  
 A) Decision making                      B) Planning  
 C) Implementation                      D) Organizing
68. Activities which needs torsal effort:  
 A) Standing    B) Kneeling    C) Walking    D) Running
69. Sample design where the ultimate size of sample is not fixed but determined according to mathematical decision yielded as survey progresses:  
 A) Area sampling                      B) Multistage sampling  
 C) Stratified sampling                      D) Sequential sampling

70. Solvent used for identifying the type of fiber:  
 A) Sulphuric acid                      B) Sodium hypochlorite  
 C) Sodium Zincate                      D) Hydrochloric acid
71. The technique of work simplification which involves a detailed study of a part of the activity of a work process:  
 A) Pathway chart                      B) Process chart  
 C) Operation chart                      D) Motion chart
72. Cotton yarn that has wider range of fiber length is known as -----yarn.  
 A) Carded              B) Combed              C) Ply              D) Cord
73. Identify the **incorrect** statement related to principle of maturation:  
 A) Maturation follows orderly sequence  
 B) Maturation influences behaviour of organism  
 C) Maturation and learning are not intertwined  
 D) Time is a factor in the process of maturation
74. The Article which is related to Panchayati Raj:  
 A) Article 243    B) Article 124    C) Article 73    D) Article 164
75. A short thick pile yarn with soft velvety appearance is ---- yarn.  
 A) Chenille              B) Nub              C) Splash              D) Ratine
76. A photographic device used to trace the path taken by a small electric bulb that moves during the operation:  
 A) Chronocyclograph              B) Cyclograph  
 C) Micromotion              D) Film analysis
77. Design which concerns with the question of how many items are to be observed and how the information and data gathered are to be analyzed:  
 A) Sampling                      B) Observational  
 C) Operational                      D) Statistical
78. Choose the combination method of cooking:  
 A) Braising              B) Boiling              C) Broiling              D) Baking
79. Sequence of organizing in a management function involves:  
 A) Determining specific activities, Grouping the activities, Assigning the activities  
 B) Grouping the activities, Assigning the activities, Determining specific activities  
 C) Assigning the activities, Grouping the activities, Determining specific activities  
 D) Determining specific activities, Assigning the activities, Grouping the activities







101. Fashion that lives for a short period is referred to as:  
 A) Classics      B) Fads      C) Couture      D) Custom made
102. The correlation for the values of two variables moving in the same direction is:  
 A) Negative      B) Perfect positive  
 C) Positive      D) Perfect negative
103. Choose the limitation of time study:  
 A) Involves subjectivity of observer  
 B) Determine ideal work load  
 C) Evaluating performance of employees  
 D) Designing incentive wage plan
104. 'Pret-a-porter' is a term used for:  
 A) High fashion      B) Classic  
 C) Ready to wear garment      D) Custom made
105. Workman's compensation is paid to a worker:  
 A) On retirement  
 B) As appreciation of work  
 C) On attaining injury at work  
 D) On marriage
106. Which among the following is **not** in 4P s of marketing?  
 A) Product      B) Price      C) Place      D) Payment
107. Which of the following are **incorrect** statements about co extruded films:  
 1. High barrier properties      2. Low cost  
 3. Thicker than lamination      4. Outside layer has low gloss  
 A) 1 & 2 only      B) 1 & 3 only      C) 2 & 4 only      D) 3 & 4 only
108. In designing an efficient workspace, the left hand will cover:  
 A) Maximum working area      B) Normal working area  
 C) Minimal working area      D) None of these
109. First step in the process of merchandising:  
 A) Identify and sourcing right merchandise  
 B) Understanding consumer needs  
 C) Planning right assortment  
 D) Decide Pricing
110. Ergonomics concerned with human, anatomical, anthropometric and biochemical characteristics:  
 A) Physical      B) Social      C) Cognitive      D) Organizational

111. Lines having the effect of lengthening when they are vertical and widening when they are horizontal:  
 A) Horizontal line                      B) Diagonal line  
 C) Curved line                            D) Vertical line
112. When sitting or standing maintaining ----- is important.  
 A) J curve            B) I line            C) Z curve            D) S curve
113. An attempt to acquire control for the purpose of immediate reproduction of large amount of material in a short time:  
 A) Emulation    B) Cramming    C) Conditioning    D) Retention
114. As per the 2011 census data the sex ratio for females in Kerala is:  
 A) 1054            B) 1048            C) 1084            D) 1058
115. Lines which provide slimming effect:  
 A) Slanted line                            B) Rounded line  
 C) Vertical line                            D) Horizontal line
116. BRICS refers to:  
 A) Bhutan, Russia, India, China, Saudi Arabia  
 B) Brazil, Russia, India, China, South Africa  
 C) Bangladesh, Rwanda, Ireland, Canada, Sweden  
 D) Bangladesh, Russia, India, Canada, Saudi Arabia
117. The branch of knowledge that deals with the amount of space that people feel it necessary to set between themselves and others:  
 A) Haptics            B) Proxemics    C) Kinesics            D) Chronemics
118. Saffron bright yellow dyes of crocus sativus plant is obtained from the:  
 A) Stigmata    B) Wood            C) Root            D) Flower head
119. Leaders who try to give least possible guidance to their subordinates and achieve control through less obvious means:  
 A) Autocratic                            B) Free Rein  
 C) Participative                        D) Democratic
120. The bond in bonded non-woven fabrics is set by adhesives or -----.  
 A) Staples            B) Pressure            C) Heat            D) Thread
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