

A

19715

120 MINUTES

1. The block pattern is placed or wheeled on to the pattern paper to produce -----.
A) Working pattern B) Glazed effect
C) Guideline markers D) None of these
2. An important type of associative force in textiles is -----.
A) Carbon bonding B) Hydrogen bonding
C) Oxygen bonding D) Co bonding
3. Dupoini is a -----.
A) Animal fibre B) Animal secretion
C) Leaf fibre D) None of the above
4. One strip is covered with hooks and the other with very fine loops:
A) Lace B) Velcro C) Zippers D) Buttons
5. Hacking is the term given for ----- operation.
A) Carding B) Scutching C) Combing D) Pulling
6. The tenacity of ramie varies from
A) 5.3- 7.6gms/denier B) 9-11 gms/ denier
C) 7-8 gms/denier D) 1-5gms/denier
7. The actual fibre protein in silk is -----.
A) Sericine B) Alanine C) Tryosine D) Fiborin
8. Organize silk is a -----.
A) low twist ply yarn B) medium twist ply yarn
C) high twist ply yarn D) natural silk
9. The chemical suitable for discharge printing is -----.
A) Sodium Acetate
B) Zirconium Sodium Sulphoxylate formaldehyde
C) Sodium Silicate
D) Serafast CDR
10. The process of Sanforization is used for -----.
A) Improvement in strength B) elasticity
C) Dimensional stability D) Improvement in crease recovery
11. Jet dyeing machine is commonly used for dyeing of-----.
A) Wool B) Cotton C) Polyester D) Nylon
12. Identify the Range of Maturity Ratio (M) of Cotton?
A) 2-10 B) 0-100 C) 0.2 to 1.2 D) 0.5 to 1.5

37. The data from each row in a coding schedule can be entered into a quantitative analysis computer program called:
 A) SPSS B) Endnote C) N-Vivo D) Outlook
38. The sixth goal in the 17 Sustainable Developmental Goals to transform our world is----.
 A) Poverty and Hunger B) Quality Education
 C) Clean Water and Sanitation D) Gender Equality
39. The term “Development Communication” was coined by -----.
 A) Nora Quebral B) Peter Drucker
 C) Barnlund D) Westley and MacLean
40. A list of ongoing rural development programmes are given. Match them according to the year of launching:
- | <u>List A</u> | <u>List B</u> |
|---|------------------|
| a) Prathan Mantri Jan Dhan Yojna | 1. October, 2014 |
| b) Sansad Adarsh Gram Yojana | 2. August 1995 |
| c) Deendayal Antyodaya Yojana | 3. August 2014 |
| d) National Social Assistance Programme | 4. May 2016 |
| e) Pradhan Manthri Ujjwala Yojana | 5. November 2015 |
- A) a- 5; b-3;c-4;d-1; e-2 B) a-3; b-1; c-5; d-2; e-4
 C) a- 2; b-4;c-1; d-5; e-3 D) a- 4; b-5; c-2; d-1; e-3
41. Pradhan Manthri Ujjwala yojana aims at:
 A) providing free electricity connections to all households in rural areas and poor families in urban areas.
 B) to reach out to the poor households to enrol them to the various government welfare programmes.
 C) safeguard the health of women and children by providing them with a clean cooking fuel.
 D) to provide accident insurance facility at a very lower cost.
42. Identify the objectives of the following rural development programmes:
- | <u>List A</u> | <u>List B</u> |
|--|---|
| a) Sukanya Samriddhi Yojana | i) for showcasing products made/manufactured/sold by women entrepreneurs. |
| b) Pradhan Manthri Matritva Vandana Yojana | ii) savings scheme targeted at the parents of girl children. |
| c) Mahila e-haat | iii) to improve nutritional outcomes for children, adoelscents, pregnant women and lactating mothers through targeted approach. |
| d) Poshan Abhiyan Jan Andholan | iv) conditional cash transfer scheme for pregnant and lactating women for the first live birth |
- A) a-iv; b-iii; c-ii; d-i B) a-ii; b- iv; c-i; d-iii
 C) a-ii; b-iii; c-iv; d-i D) a- iii; b-i; c-ii; d-iv
43. Which of the following is an example for non verbal communication media?
 A) time B) bulletin board
 C) space D) both A and C

44. When the accounting manager communicates with the purchasing manager about the dollars to be purchased in the current month, that type of communication is called:
 A) upward communication B) downward communication
 C) horizontal communication D) grapevine
45. A look or glance is an example for:
 A) verbal communication B) oral communication
 C) non verbal communication D) written communication.
46. Manuals and policy statements are referred to as:
 A) upward communication B) downward communication
 C) horizontal communication D) none of these
47. Which of the following statements is/ are NOT TRUE with respect to communication process?
 i) The computer industry is an example for a profession that has developed its own jargon.
 ii) The terms verbal communication and oral communication are interchangeable.
 iii) Emphatic listening is listening with the intend to understand.
 iv) The degree of trust the receiver has in its source or the sender of the message is called the source credibility.
- A) Both i and iii are not true B) i is true and the rest are false
 C) Only iii is false D) Only ii is false and others are true
48. Family is better regarded as an association rather than an institution if:
 A) It is a concrete organization
 B) It has no specific ends to pursue.
 C) It does not serve any social needs
 D) It lacks permanence
49. Cultural diffusion occurs due to:
 A) External source of change B) Cultural contacts
 C) Cultural borrowings D) All of these
50. Which of the flowing is /are factor (s) of social change?
 1. Contact between two cultures 2. Deviance
 3. Inventions 4. Diffusion
- A) 1 and 2 only B) 1,2 and 3 only
 C) 1 and 4 only D) All of these
51. Which of the following are merits of brainstorming method?
 1. It helps in generation of creative ideas through free discussion.
 2. Meticulously screens all ideas presented.
 3. Initial reluctance to the participants to come out with ideas.
 4. It helps to arrive at genuinely useful solutions to the problem.
- A) 1,2 and 3 B) 1,2 and 4 C) 2,3 and 4 D) 1,3 and 4

52. Grow More Food Enquiry Committee was appointed by the Government of India to review it under the chairmanship of :
- A) V.T Krishnamachari B) C.P.Thakur
C) C.P Pariamar D) M.S Swaminathan
53. The distinctive aspect of “innovative-decision making” as compared to other types of decision making is:
- A) Perceived newness of innovation
B) Uncertainty associated with it
C) Both A and B
D) None of these
54. Select the right pathway in a social system relating to the rate of adoption:
- A) Diffusion effect→ Communication integration →Rate of adoption.
B) Rate of adoption→ Communication integration→ Diffusion effect
C) Communication integration →Diffusion effect→ Rate of adoption
D) Communication integration→ Rate of adoption →Diffusion effect
55. The greener colour of the egg white is due to the presence of ----- in the egg.
- A) Xanthophyll B) Carotenoid
C) Ovoflavin D) Lysozyme
56. An example for laying vegetarian egg:
- A) Hornbill B) Cock C) Ostrich D) Leghorn
57. Natural casings are made from-----.
- A) Animal intestine B) Regenerated collagen
C) Plastic films D) Pigeons
58. Match the following:
- | | | | |
|----|----------------------|----|----------------------|
| | <u>List A</u> | | <u>List B</u> |
| a. | Turmeric | 1) | Myristicin |
| b. | Nutmeg | 2) | Allyl Isothiocynate |
| c. | Garlic | 3) | Curcumin |
| d. | Mustard | 4) | Eugenol |
| e. | Clove | 5) | Allicin |
- A) a-3 ; b-1; c-5; d-2; e-4 B) a-4; b-3; c-1; d -5; e-2
C) a-3; b-5; c-4; d-1; e-2 D) a-5; b-1; c-4; d-2; e-3
59. The acceptable daily intake of SO₂ as per recommended intake is ---mg/kg body wt/day.
- A) 0.005 B) 0.25 C) 0.7 D) 0.9
60. Terpenes represent the largest class of -----.
- A) novel proteins B) phyto nutrients
C) dietary fiber D) antibiotics
61. Energy value of 1gm of CHO derived from bomb calorie meter is -----.
- A) 5.65 kcal B) 9.45kcal C) 4.10kcal D) 6.95kcal

62. The stomach lining contains several types of cells. Which statement about them is correct?
- A) G cells secrete Hydrochloric acid
 B) Mucous cells secrete the glycoprotein mucin
 C) Chief cells secrete the gastric hormones
 D) Parietal cells secrete pepsinogen
63. Food supplements including trace minerals and vitamins are frequently advertised with promising health benefits. Which of the following substance could be consumed in excess?
- A) Vitamin C B) Vitamin D C) Zinc D) Vitamin A
64. Individuals suffering from inhalant allergies may also react to cross-reacting food allergens. A person suffering from a natural latex allergy might not react to one of the following allergens. Identify it:
- A) Avocado B) Mango C) Peach D) Figs
65. Premature infants:
- A) have higher percent body fat than term infants.
 B) cannot swallow until 35 weeks of gestation
 C) should be given Vitamin K as soon as possible after birth.
 D) is more common in boys than girls.
66. The basic functional unit of skeletal muscle tissue:
- A) the muscle fibre B) sarcomere
 C) myofibril D) sarcoplasmic reticulum
67. The immediate source of chemical energy that can be used by skeletal muscle tissue to allow muscle contraction is -----.
- A) Glucose B) ADP C) ATP D) AMP
68. The largest endogenous substrate source in the body:
- A) liver glycogen B) muscle glycogen
 C) intramuscular lipid D) adipose tissue
69. Deficiency of magnesium is associated with -----.
- A) Alzheimer's B) Rickets
 C) Osteopenia D) Cirrhosis
70. Which of the following is an absolute contraindication to parenteral nutrition?
- A) Diarrhea B) Liver Cirrhosis
 C) Malignancy D) Active infection
71. The Adult Consumption Unit of an adult female sedantary worker (ICMR) is
- A) 1.8 B) 1.6 C) 0.9 D) 1.2
72. Disorders affecting myelin can lead to-----.
- A) Bipolar Disorder B) Adenomyosis
 C) Apoptosis D) None of these

73. Identify the teratogens and their effects on foetal development.
- | <u>List A</u> | | <u>List B</u> | |
|---------------|---------------------|---------------|-------------------------|
| a. | Maternal alcoholism | i. | Cognitive defects |
| b. | Marijuana | ii. | Physical deformities |
| c. | Smoking | iii. | Foetal alcohol syndrome |
| d. | Cocaine | iv. | LBW |
- A) a-iii; b-i; c-iv; d-ii B) a-ii; b-iv; c-i; d-iii
 C) a-iii; b-iv; c-i; d-ii D) a-iv; b-i; c-iii; d-ii
74. Which of the following actions by an early childhood teacher would likely be most effective in fostering the moral development of young children?
- A) Involving the children in creating specific behavior rules for each area of the school and classroom
 B) Helping the children understand how their actions may affect others and consistently modeling caring and equity
 C) Establishing a set of clear behavior rules at the beginning of the year and applying consequences without exception
 D) Awarding a prize each Friday to the child who has been most cooperative during the week
75. Which of the following classroom scheduling practices would be appropriate for children of preschool age to develop mentally?
- A) providing frequent variations in routine
 B) beginning each day with a half-hour circle time
 C) introducing new learning centers each week
 D) alternating physically active and quiet activities
76. Sentence is taught prior to words in language. This maxim of teaching is based on:
- A) Havigurst theory of developmental task
 B) Gestalt experiment
 C) Hulls experiment
 D) Blooms taxonomy
77. A child writes with his / her left hand and is comfortable doing things with it, she / he should be –
- A) Allowed their preference
 B) Send to seek medical attention
 C) Forcefully help them to do in a proper way
 D) Discouraged
78. A set of IQ's are given. Select the "educable" group of students from the given group, based on the IQ level.
- A) 30 to 50 B) 50 to 70 C) 70 to 90 D) 40 to 80
79. Theory of multiple intelligence implies the following except
- A) Intelligence is a distinct set of processing operations used by an individual to solve problems.
 B) Disciplines should be presented in several ways
 C) Learning could be assessed through a variety of means
 D) Emotional intelligence is not related to IQ.

80. Which one of the following is an example of a fine motor skill?
 A) Scribbling B) Jumping C) Writing D) Climbing
81. The process of expansion of an individual's capacities quantitatively, should be termed as:
 A) Growth B) Development
 C) Maturity D) Creativity
82. The developmental stage in which an individual looks self-centered:
 A) Infancy B) Childhood C) Adolescence D) Adulthood
83. The period referred by Piaget as the sensory motor adaptation time is -----.
 A) 0-2 years B) 1-3 years C) 4-6 years D) 5-7 years
84. Extension Education has today acquired a special status as a profession and discipline responsible for initiating:
 A) Skill change B) Programmed change
 C) Technological change D) Learned change
85. A scoring guide used to evaluate the quality of students is -----
 A) Rating scale B) Checklist C) Rubrics D) Inventories
86. The age at which the visual displacement of the objects can be identified?
 A) 6-9 months B) 10-14 months
 C) 12-18 months D) 18-24 months
87. Which of the following techniques can be used to assess infant cognitive development and negotiate the possible confounding issue of poor motor coordination?
 A) Visual gaze and habituation technique
 B) Block buildings and Visual cliffs
 C) Verbal reasoning and mirror tracking
 D) Strange situations can be created
88. Which of the following reflects Piagets preoperational stage?
 A) Start of pretend play B) Animism
 C) Magical thinking D) All of these
89. Ranking of India, on Global Hunger Report 2018
 A) 103 B) 124 C) 158 D) 139
90. Sustainable Development Goal that is closely related to healthy ageing states to ensure healthy lives and promote well-being for all at all ages through universal health coverage including financial risk protection, is
 A) Goal 1 B) Goal 3 C) Goal 5 D) Goal 7
91. The Kathmandu Declaration 2016, focuses on:
 A) Equality, empowerment and justice for women.
 B) Freedom of mobility for children with disability
 C) Reservation for women in all paths of life
 D) Addressing the special needs of the elderly population.

104. Which of the following statements is true?
 A) Abilities, Skill and Energy are Non-Human Resources
 B) Ability, Community skills and Money are Human Resources
 C) Time, Money and Energy are Non-Human Resources
 D) Energy, Knowledge and skills are Human Resources.
105. Scientific Study of the relationship between man and his working environments is called:
 A) Resource Management B) Ergonomics
 C) Work Simplification D) Fatigue
106. ----- is the unfolding of characteristics present in the individual that come from the individuals genetic endowment.
 A) Development B) Maturation C) Growth D) Heredity
107. The average vocabulary of a two year old child is ----.
 A) 100-200 words B) 200-300 words
 C) 300-400 words D) less than 100 words
108. The ability to use two languages is known as:
 A) Cluttering B) Slurring C) Stuttering D) Bilingualism
109. Infants born by Caessarean section are generally:
- I. The quietest, less crying kids than those born spontaneously or with the use of instruments.
 - II. Adjust more quickly and more successfully to their new environments than others.
 - III. Takes time to adjust to postnatal life than those born in any other way.
 - IV. Expend less energy in random movements of the body in postnatal life.
- A) I and IV are true B) All the statements are true
 C) II and III are true D) I, II and III are true
110. Which among the following is true?
 A) Modular homes are permanent structures.
 B) Modular and manufactured homes are the same.
 C) Modular homes can be moved from one location to another.
 D) Modular homes need not conform to the building codes and guidelines of traditional homes
111. A green home is a type of house designed:
- I. To be environmentally friendly and sustainable.
 - II. With all the furnishings and accessories arranged in the shades and tints of green.
 - III. Protecting occupants health and reducing waste, pollution and environmental degradation
 - IV. To be resource efficient and environmentally responsible.
- A) I, II and III are correct B) I, II and IV are correct
 C) I, III and IV are correct D) All are correct

112. ----- is the Destitute Identification Rehabilitation and Monitoring Project for the rehabilitation of destitute families in Kerala.
 A) Samagra B) Asraya C) Nirbhaya D) KAASS
113. -----is a new approach to actively engaging and motivating disadvantaged learners in developing cultural awareness and expression.
 A) Community mapping B) Reading with predictions
 C) Biographic work D) Online café
114. Ponderal Index is used to:
 1. Find out childhood ailments
 2. Classify SGA babies
 3. Categorise babies based on their length and weight.
 4. Detect intellectual ability in children
 A) 1 & 2 are correct B) 2 & 3 are correct
 C) 3 & 4 are correct D) All are correct
115. Browning in evaporated milk is:
 A) Non- enzymatic browning, undesirable
 B) Non- enzymatic browning, desirable
 C) Enzymatic browning, undesirable
 D) Enzymatic browning, desirable
116. World Food Day is observed on
 A) October 16 B) August 1
 C) September 8 D) November 14
117. Which among the following is a permitted additive?
 A) MSG B) Cyclamate
 C) Both A and B D) None of these
118. Von Griek's disease is an inborn error of metabolism of
 A) Carbohydrate B) Protein C) Fat D) None of these
119. The theme for 2019 World Environment Day was
 A) Beat Plastic Pollution
 B) Air Pollution
 C) Connecting people to Nature
 D) Go wild for life
120. November 14, is observed as:
 A) World Cancer Day B) World Food Day
 C) World Diabetes Day D) World Obesity Day
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