PREVIOUS YEAR PAPER

UP TGT 2016 — Home Science (Series A)

UP TGT · 8 or 9 March 2019

125 questions · +3.4 for a correct answer, −0 for a wrong one · 120 minutes

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Questions from the U.P. Secondary Education Services Selection Board's paper of 8 or 9 March 2019. Each question is followed by its answer, and the answer key is repeated on the last page.

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Home Science

1. Indian multipurpose food prepared and marketed by
   (a) CFTRI
   (b) NIN
   (c) WHO
   (d) UNICEF
   Answer: (a)

2. The Prevention of Food Adulteration Act was passed in the year
   (a) 1951
   (b) 1952
   (c) 1953
   (d) 1954
   Answer: (d)

3. _____ give meaning to life.
   (a) Goals
   (b) Values
   (c) Standards
   (d) Money
   Answer: (b)

4. The long term goals are considered fairly
   (a) Permanent
   (b) Temporary
   (c) Flexible
   (d) None of the above
   Answer: (a)

5. Making coffee is an example for _____ decision.

(a) Habitual
(b) Immediate
(c) Conscious
(d) Emergency

Answer: (a)

6. _____ effort where our eyes must direct the movement of our bodies.

(a) Mental
(b) Pedal
(c) Visual
(d) Torsal

Answer: (c)

7. Work simplification shows _____ work methods.

(a) Good
(b) Better
(c) Best
(d) Worst

Answer: (c)

8. _____ management consists of a series of decisi , making up the process of using family resources.

(a) Family
(b) Home
(c) Environment
(d) Skill

Answer: (b)

9. _____ is the carrying out of the plan.

(a) Planning
(b) Controlling
(c) Evaluating
(d) Energizing

Answer: (b)

10. Defining the problem is the _____ step in decision making process.

(a) First
(b) Second
(c) Third
(d) Fourth

Answer: (a)

11. Which is the example for both human and non human resources ?
    (a) Energy
    (b) Skill
    (c) Ability
    (d) Interest
    Answer: (a)

12. _____ management means application of science to management problems.
    (a) Problem
    (b) Solution
    (c) Scientific
    (d) Artistic
    Answer: (c)

13. _____ is defined as familiar knowledge combined in practical application to work performance.
    (a) Clumsiness
    (b) Skill
    (c) Incapacity
    (d) Stupidity
    Answer: (b)

14. _____ income is referred as enjoyment income.
    (a) Money
    (b) Real
    (c) Psychic
    (d) Goods
    Answer: (c)

15. _____ reduces economic insecurity in old age.
    (a) Wage
    (b) Salary
    (c) Services
    (d) Savings
    Answer: (d)

16. _____ means to circulate fresh air and driving out foul air in order to freshen up the interiors of a house.
    (a) Aspect
    (b) Ventilation
    (c) Prospect
    (d) Muram
    Answer: (b)

17. A _____ refers to any arrangement of lines, forms, colours and textures.
(a) Form
(b) Shape
(c) Harmony
(d) Design
Answer: (d)

18. The design principle _____ refers to law of relationship.
(a) Proportion
(b) Balance
(c) Rhythm
(d) Emphasis
Answer: (a)

19. Furnitures finished with cushioned surface is called
(a) Drawer
(b) Table
(c) Chair
(d) Upholstering
Answer: (d)

20. The _____ is the tactile surface quality of mater
(a) Texture
(b) Illusion
(c) Effect
(d) Object
Answer: (a)

21. If a Rh positive man marries an Rh negative woman, the result will be _____ foetus.
(a) Positive
(b) Negative
(c) Stillbirth
(d) Premature
Answer: (a)

22. _____ is known as poor man's milk.
(a) Ragi
(b) Wheat germ
(c) Jowar
(d) Bajra
Answer: (a)

23. _____ is common feeding problems of infants.
    (a) Constipation
    (b) Diarrhoea
    (c) Allergy
    (d) All the above
    Answer: (d)

24. Small quantities of water with sugar and salt can be given during
    (a) Vomiting
    (b) Common cold
    (c) Colic
    (d) Tonsils
    Answer: (a)

25. _____ development means the progress in control over body movements.
    (a) Fast
    (b) Slow
    (c) Motor
    (d) Average
    Answer: (c)

26. Nail biting and thumb sucking can be ignored till t' age of
    (a) 6
    (b) 5
    (c) 4
    (d) 3
    Answer: —

27. _____ is used to prepare soap.
    (a) Besan
    (b) Rice
    (c) Jowar
    (d) Bajra
    Answer: (a)

28. _____ is a fear provoking stimuli for young children.
    (a) Conversation
    (b) Thinking
    (c) Lonliness
    (d) Kindness
    Answer: (c)

29. _____ is due to a severe deficiency of proteins and calories in the diet.

(a) Marasmus
(b) Scurvy
(c) Beri Beri
(d) Goitre

Answer: (a)

30. Food infection is consumption of pathogens, the disease producing bacteria which is present in food.

(a) False
(b) True
(c) Not related
(d) Doubtful

Answer: (b)

31. Asbestos is _____ fibre.

(a) Mineral
(b) Natural
(c) Thermoplastic
(d) Non-thermoplastic

Answer: (a)

32. The vegetable fibres are _____ to touch.

(a) Cooler
(b) Lifeless
(c) Lustrous
(d) Warmer

Answer: —

33. Wild silk differs from cultivated silk in appearance under the microscope.

(a) True
(b) False
(c) Not related
(d) Disputed

Answer: (a)

34. _____ are named according to the system or design followed in interlacing warp and weft yarns.

(a) Yarns
(b) Fabrics
(c) Dresses
(d) Weaves

Answer: (d)

35. _____ is the main storage polysaccharides of plants.
    (a) Starch
    (b) Sugar
    (c) Carbohydrates
    (d) Fats
    Answer: (a)

36. _____ quotient is defined as the ratio of the volume of carbon dioxide produced to the volume of oxygen used on oxidation of a given amount of the nutrient.
    (a) Intelligent
    (b) Respiratory
    (c) Circulatory
    (d) Urinary
    Answer: (b)

37. _____ is the term used for filling in silk and wool.
    (a) Napping
    (b) Weighting
    (c) Moiring
    (d) Glazing
    Answer: —

38. Rippling is done for flax plant to get
    (a) Seed
    (b) Stems
    (c) Plant
    (d) Linen
    Answer: (b)

39. _____ is a bad conductor of heat.
    (a) Cotton
    (b) Silk
    (c) Linen
    (d) Rayon
    Answer: (b)

40. Patola saris are produced by
    (a) Paithanis
    (b) Tie-dyeing
    (c) Himrus
    (d) Block dyeing
    Answer: (b)

41. Surf is a
    (a) Detergent
    (b) Soap
    (c) Caustic soda
    (d) Fat
    Answer: (a)

42. Need for love and affection is _____ need.
    (a) Biological
    (b) Egoistic
    (c) Psycho-social
    (d) Sensory
    Answer: (c)

43. The _____ is the first moulder of the child.
    (a) Social media
    (b) Water
    (c) Family
    (d) Sand
    Answer: (c)

44. The kidney releases an _____ called renal eryth oietic factor.
    (a) Enzyme
    (b) Chemical
    (c) Acid
    (d) Hormone
    Answer: (d)

45. Salmonella food poisoning is a type of bacterial food poisoning.
    (a) True
    (b) False
    (c) Not related
    (d) Disputed
    Answer: (a)

46. Type 2 diabetes mellitus is known as
    (a) Insulin dependent diabetes mellitus
    (b) Non-insulin dependent diabetes mellitus
    (c) Malnutrition related diabetes mellitus
    (d) Gestational diabetes mellitus
    Answer: (b)

47. The period after delivery is _____ and lactation.

(a) Pre partum
(b) Post partum
(c) Labour
(d) Maturity

Answer: (b)

48. Participation in extension education is _____ while school attendance is _____

(a) Compulsory, Voluntary
(b) Voluntary, Compulsory
(c) Only, Compulsory
(d) Only, Voluntary

Answer: (b)

49. Example for changes of attitudes due to planned sharing is

(a) Sharing the decision making
(b) Changes in age
(c) Prolonged illness
(d) Position of authority

Answer: (a)

50. A _____ aid is an instrumental or communicating device in which the message can be seen but not heard.

(a) Audio
(b) Visual
(c) Both audio and visual
(d) None

Answer: (b)

51. _____ is the person who starts the process of communication in operation.

(a) Observer
(b) Organiser
(c) Audience
(d) The communicator

Answer: (d)

52. _____ leader operates as if he can not trust people.

(a) Democratic
(b) Laissez-Faire
(c) Autocratic
(d) General

Answer: (c)

53. Early childhood is also known as _____ age.
(a) Pre-natal
(b) Pre-gang
(c) Puberty
(d) Pre-mature
Answer: (b)

54. _____ immunity in which one acquires as a result of infection or due to administration of vaccines.
(a) Natural
(b) Active
(c) Passive
(d) Acquired
Answer: (d)

55. Pre speech forms of communication
(a) Babbling
(b) Gestures
(c) Emotional expressions
(d) All the above
Answer: (d)

56. Riboflavin was formerly known as
(a) Vitamin B1
(b) Vitamin B6
(c) Vitamin B12
(d) Vitamin B2
Answer: (d)

57. Retention of water due to malfunctioning of kidney results in
(a) Sweating
(b) Hunger
(c) Oedema
(d) Thirst
Answer: (c)

58. _____ are natural polymers.
(a) Vitamins
(b) Minerals
(c) Fats
(d) Proteins
Answer: (d)

59. _____ contains the main store of cereal food in the form of starch granules.
    (a) Embryo
    (b) Endosperm
    (c) Aleurone
    (d) Scutellum
    Answer: (b)

60. Bitots spots are deficiency of vitamin
    (a) A
    (b) D
    (c) E
    (d) K
    Answer: (a)

61. _____ essential for blood clotting.
    (a) Vitamin A
    (b) Vitamin K
    (c) Vitamin C
    (d) Vitamin D
    Answer: (b)

62. Fermented product of milk is
    (a) Ghee
    (b) Cheese
    (c) Butter
    (d) Khoa
    Answer: —

63. Bed making is _____ energy demanding task.
    (a) Light
    (b) Moderate
    (c) Heavy
    (d) Very heavy
    Answer: (c)

64. When concentration of haemoglobin falls in the blood we suffer from
    (a) Fever
    (b) Headache
    (c) Measles
    (d) Anaemia
    Answer: (d)

65. Starch is broken down into simple form in the
    (a) Mouth
    (b) Small intestine
    (c) Stomach
    (d) Large intestine
    Answer: (b)

66. According to 'Parker', comfort is the motivating value of human behaviour.
    (a) True
    (b) False
    (c) Not related
    (d) Disputed
    Answer: (a)

67. Three steps in decision making was given by
    (a) Ogale
    (b) John Dewey
    (c) Swaminathan
    (d) Srilakshmi
    Answer: (b)

68. _____ is the one resource, we all share, though it is one generally taken for granted.
    (a) Money
    (b) Time
    (c) Energy
    (d) Water
    Answer: (b)

69. The operation chart is a step by step description of the method used in doing a task.
    (a) True
    (b) False
    (c) Not related
    (d) Disputed
    Answer: (b)

70. _____ income is the flow of satisfactions that arise out of every day experiences.
    (a) Psychic
    (b) Money
    (c) Real
    (d) Quality
    Answer: (a)

71. _____ is essentially the formulation of plan of action based on available opportunities.
(a) Planning
(b) Accepting
(c) Acting
(d) Choosing
Answer: (a)

72. _____ standards are not widely accepted by the community.
(a) Conventional
(b) (A) and (D) both
(c) Neither (A) Nor (D)
(d) Flexible
Answer: (d)

73. Education of a child is example for _____ decisions.
(a) Consequence
(b) Group
(c) Individual
(d) Technical
Answer: (b)

74. "Work simplification may be defined as the conscious seeking of the simplest, easiest and quickest method of doing work." Who said this ?
(a) Nickell and Dorsey
(b) Gross and Crandall
(c) Varghese, Ogale
(d) Elizabeth Hurlock
Answer: (a)

75. Taking three major body weights in alignment – this principle applies to
(a) Change in body position
(b) Change in production sequence
(c) Change in finished product
(d) Change in raw material
Answer: (a)

76. Gardeners' service is wages whereas bank managers' service is
(a) Award
(b) Credit
(c) Salary
(d) Bonus
Answer: (c)

77. Important needs may be overlooked in _____ plan.

(a) Mental
(b) Written
(c) Semi-written
(d) None

Answer: (a)

78. According to _____, man's shelter to be much more than protection against the external element.

(a) Gross and Crandall
(b) Bayer
(c) Agan Tessic
(d) Neeru Garg

Answer: (b)

79. _____ bulb is used in table lamps.

(a) Incandescent
(b) Fluorescent
(c) Tube
(d) Table

Answer: (a)

80. _____ indicates the name of the colour.

(a) Light
(b) Hue
(c) Value
(d) Intensity

Answer: (b)

81. "The purpose of flower arrangement is to add cheer, life and beauty to surroundings." Who said this ?

(a) A. H. Rutt
(b) Raheena Begum
(c) Srilakshmi
(d) Sumati Mudambi

Answer: (a)

82. Menu for the buffet should be such that guests can eat it

(a) Simply
(b) Easily
(c) Arduous
(d) Ambitious

Answer: (b)

83. From the eighth week onwards till birth the embryo is known as
    (a) Foetus
    (b) Embryo
    (c) Zygote
    (d) Ovum
    Answer: (a)

84. The study of food at work in the body is defined as
    (a) Science
    (b) Food science
    (c) Diet
    (d) Nutrition
    Answer: (d)

85. Human milk contains _____ gm of protein in 100 ml.
    (a) 1.1
    (b) 1.2
    (c) 1.3
    (d) 1.4
    Answer: (a)

86. Irregular bowel evacuation or the absence of evac ion is termed as
    (a) Diarrhoea
    (b) Dysentry
    (c) Constipation
    (d) None
    Answer: (c)

87. The reaction of tissues to specific substance is known as
    (a) Eczema
    (b) Allergy
    (c) Fits
    (d) Tetanus
    Answer: (b)

88. _____ develops the physical, emotional and intellectual faculties of a child.
    (a) Playing
    (b) Eating
    (c) Screaming
    (d) Taking supplements
    Answer: (a)

89. The Kashmir Embroidery is known as
    (a) Herringbone
    (b) Pashmina
    (c) Farida
    (d) Kaseeda
    Answer: (d)

90. Social behaviour is initiated at the time of birth.
    (a) True
    (b) False
    (c) Not related
    (d) Disputed
    Answer: (b)

91. Jealousy is a _____ emotion.
    (a) Inborn
    (b) Added
    (c) Positive
    (d) Negative
    Answer: (d)

92. _____ is one of the causes of food borne diseas
    (a) Microbial contamination
    (b) Incubation
    (c) Inflammation
    (d) Dysentery
    Answer: (a)

93. Fungi such as mucor, aspergillus and ergot are common contaminants of _____ and _____.
    (a) Pork and Beef
    (b) Tapeworm and ringworm
    (c) Bacteria and virus
    (d) Bread and cereal
    Answer: (d)

94. Wool loses about _____ of its strength when wet.
    (a) 20%
    (b) 50%
    (c) 30%
    (d) 40%
    Answer: —

95. _____ fibres give odour of burning hair.

(a) Flax
(b) Protein
(c) Nylon
(d) Rayon

Answer: (b)

96. A skein of yarn, 840 yards in length is known as a

(a) Hank
(b) Pound
(c) Number one
(d) Count two

Answer: (c)

97. Plain weave fabric from cotton is

(a) Chiffon
(b) Crepe
(c) Calico
(d) Georgette

Answer: (c)

98. _____ index is a ranking of foods based on the r[illegible]t prandial blood glucose response compared with a reference food.

(a) Fruit
(b) Vegetable
(c) Dairy
(d) Glycaemic

Answer: (d)

99. Cooperative American Relief Everywhere (CARE) is founded in 1945 to provide relief to survivors of

(a) World War 1st
(b) Cold War
(c) World War 2nd
(d) Kargil War

Answer: (c)

100. At _____ stage cotton is ready for spinning.

(a) Carding
(b) Baling
(c) Slivering
(d) Combing

Answer: (c)

101. The property of woolen fibres to get interlocked is called
(a) Felting
(b) Structure
(c) Shrinking
(d) Keratin
Answer: (a)

102. The Dacca Muslins with the woven-in-patterns are known as
(a) Jamdani
(b) Chanderi
(c) Baluchar
(d) Bootties
Answer: (a)

103. _____ is the cradle centre of the art chikankari.
(a) Delhi
(b) Bombay
(c) Goa
(d) Lucknow
Answer: (d)

104. Questionnaire is one of the inquiry forms to colle nformation in research in child study.
(a) True
(b) False
(c) Not related
(d) Disputed
Answer: (a)

105. _____ is the name given to behaviour which when repeated becomes automatic.
(a) Agenda
(b) Stubborn
(c) Speed
(d) Habit
Answer: (d)

106. Each kidney is composed of one million functional units called
(a) Neutrons
(b) Nephrons
(c) Acid
(d) Drugs
Answer: (b)

107. Dialysis is a procedure that replaces some of the normal functions of

(a) Eyes
(b) Lungs
(c) Heart
(d) Kidney

Answer: (d)

108. Rabies is also known as _____

(a) Hyperphobia
(b) Hydrophobia
(c) Aerophobia
(d) Claustrophobia

Answer: (b)

109. The first three months of pregnancy are called the _____ trimester.

(a) First
(b) Beginning
(c) Third
(d) Last

Answer: (a)

110. _____ is one of the world's largest and most un[illegible]e outreach programmes for early childhood care and development.

(a) NIN
(b) ICMR
(c) ICDS
(d) WHO

Answer: (c)

111. Education does not mean teaching people to know what they do not know. It means teaching them to behave as they do not behave – who said this ?

(a) Kelsey L. D.
(b) P.R.R. Sinha
(c) John Dewey
(d) Ruskin

Answer: (d)

112. _____ is a type of small group interaction designed to encourage free introduction of ideas without any limitations.

(a) Buzz sessions
(b) Brainstorming
(c) Seminar
(d) Conference

Answer: (b)

113. A _____ is a visual teaching aid with pieces of flannel felt of sandpaper.

(a) Chalkboard
(b) Flannel graph
(c) Photograph
(d) Drawing

Answer: (b)

114. The groups which have membership roll or some procedures for electing office bearer is known as _____ groups.

(a) Informal
(b) Formal
(c) Local
(d) Structural

Answer: (b)

115. Avoid large figured designs, if you are

(a) Weak
(b) Lean
(c) Thin
(d) Stout

Answer: (d)

116. Antibodies are also called as

(a) Toxic
(b) Fats
(c) Immunoglobulins
(d) Carbohydrates

Answer: (c)

117. If fetal buttocks appear first, followed by the legs and arms and finally the head. This position is _____

(a) Breech birth
(b) Instrument birth
(c) Natural birth
(d) Spontaneous birth

Answer: (a)

118. The amount of energy required by the body at rest is

(a) Basal metabolism
(b) Calorie
(c) Joule
(d) Calorimetry

Answer: (a)

119. Roughage plays a useful part in stimulating the movements of the large intestine.

(a) True
(b) False
(c) Disputed
(d) Not related

Answer: (a)

120. The amino acids which body can not synthesise are called _____ amino acids.

(a) Non-essential
(b) Essential
(c) Partial
(d) Simple

Answer: (b)

121. _____ is the scientific name for household sugar.

(a) Lactose
(b) Maltose
(c) Sucrose
(d) Dextrose

Answer: (c)

122. Foods containing appreciable proportion of ____ "stay with you" longer.

(a) Fat
(b) Protein
(c) Water
(d) Carbohydrates

Answer: (a)

123. Pellagra is the deficiency of

(a) Thiamine
(b) Iodine
(c) Niacin
(d) Riboflavin

Answer: (c)

124. _____ is needed for the formation of haemoglobin.

(a) Calcium
(b) Protein
(c) Fat
(d) Iron

Answer: —

125. _____ is the method of heating fruits and vegetables for sometimes in boiling water or steam.

(a) Bottling
(b) Covering
(c) Blanching
(d) Freezing

Answer: (c)

Answer key

Answer key from the U.P. Secondary Education Services Selection Board's official answer key for this sitting. "—" means the key gave none.

Home Science

1	**(a)**	2	**(d)**	3	**(b)**	4	**(a)**	5	**(a)**	6	**(c)**	7	**(c)**	8	**(b)**
9	**(b)**	10	**(a)**	11	**(a)**	12	**(c)**	13	**(b)**	14	**(c)**	15	**(d)**	16	**(b)**
17	**(d)**	18	**(a)**	19	**(d)**	20	**(a)**	21	**(a)**	22	**(a)**	23	**(d)**	24	**(a)**
25	**(c)**	26	—	27	**(a)**	28	**(c)**	29	**(a)**	30	**(b)**	31	**(a)**	32	—
33	**(a)**	34	**(d)**	35	**(a)**	36	**(b)**	37	—	38	**(b)**	39	**(b)**	40	**(b)**
41	**(a)**	42	**(c)**	43	**(c)**	44	**(d)**	45	**(a)**	46	**(b)**	47	**(b)**	48	**(b)**
49	**(a)**	50	**(b)**	51	**(d)**	52	**(c)**	53	**(b)**	54	**(d)**	55	**(d)**	56	**(d)**
57	**(c)**	58	**(d)**	59	**(b)**	60	**(a)**	61	**(b)**	62	—	63	**(c)**	64	**(d)**
65	**(b)**	66	**(a)**	67	**(b)**	68	**(b)**	69	**(b)**	70	**(a)**	71	**(a)**	72	**(d)**
73	**(b)**	74	**(a)**	75	**(a)**	76	**(c)**	77	**(a)**	78	**(b)**	79	**(a)**	80	**(b)**
81	**(a)**	82	**(b)**	83	**(a)**	84	**(d)**	85	**(a)**	86	**(c)**	87	**(b)**	88	**(a)**
89	**(d)**	90	**(b)**	91	**(d)**	92	**(a)**	93	**(d)**	94	—	95	**(b)**	96	**(c)**
97	**(c)**	98	**(d)**	99	**(c)**	100	**(c)**	101	**(a)**	102	**(a)**	103	**(d)**	104	**(a)**
105	**(d)**	106	**(b)**	107	**(d)**	108	**(b)**	109	**(a)**	110	**(c)**	111	**(d)**	112	**(b)**
113	**(b)**	114	**(b)**	115	**(d)**	116	**(c)**	117	**(a)**	118	**(a)**	119	**(a)**	120	**(b)**
121	**(c)**	122	**(a)**	123	**(c)**	124	—	12	**(c)**						