



P.G. ENTRANCE TEST

M.Sc. (Home Science) Departmental Test

DEPARTMENT OF HOME SCIENCE

F/o., AGRICULTURAL SCIENCES

A.M.U., ALIGARH

Session 20020-2021

Date: 26.11.2020

Time : 09.00a.m - 11.00 P.m.

R.No. : 0200070

Student's signature : Aliza

Invigilator's signature : 26/11/2020

Instructions

- Candidates should read carefully the instruction printed on the Admit card, OMR Sheet and Question Booklet.
- Complete all entries on the cover page and put your signature in the space provided.
- Use only Ball pen (Black/Blue) for making entries and attempting to answer to the Questions.
- All questions are compulsory.
- There are two sections in this paper A and B.
- Section A** consists of 70 multiple choice questions (1-70) of 1 mark each. Each question is followed by four alternative answers. Select only one answer, which you consider as the most appropriate. Shade the relevant circle against the corresponding question number on the OMR Sheet. **Each wrong answer will carry 25 percent negative marking.**
- Section B** comprises 10 short answer type questions (01-10), carrying 3 marks each.
- Test booklet has two sections Section A has 10 pages and Section B has 01 page. Count the number of pages and questions before attempting. Discrepancy, if any, must immediately be brought to the notice of the Invigilator.

Section - A

Objective Type Questions

- Q.1 : For preventing anaemia, pregnant and lactating women receive 60 mg Iron & 500mg folic acid for
(a) 100 days
(b) 30 days
(c) 60 days
(d) 20 days
- Q.2 : Panthenol is an alcohol pro Vitamin of
(a) Vitamin B 5
(b) Vitamin B 12
(c) Vitamin B 6
(d) Vitamin B 9
- Q.3 : The human organism begins its life as a
(a) Zygote
(b) Protoplasm
(c) Chromosome
(d) Cytoplasm
- Q.4 : Which part of the body of an embryo does develop first
(a) Feet
(b) Hands
(c) Head
(d) Heart
- Q.5 : The use of as adjunctive therapy has the potential to improve the management of diarrhoea apart from improving immunity and increasing survival in children
(a) Zinc
(b) Potassium
(c) Selenium
(d) Sodium
- Q.6 : Raising specific warp yarn by means of the harness on heddle frame is known as
(a) Shedding
(b) Picking
(c) Beating
(d) Taking
- Q.7 : Synthetic rubbers, 'Neoprene' are produced by the polymerization of.....
(a) Chloroprene
(b) Isobutylene
(c) Butadiene
(d) Chlorosilanes

- Q.8 : Speech development advances rapidly during
 (a) Babyhood
 (b) Adolescence
 (c) Late childhood
 (d) Early childhood
- Q.9 : According to Piaget, " Conceptual schemas become organized into inter related systems only during the period between
 (a) 2 to 7 years
 (b) Birth to 2 years
 (c) 7 to 12 years
 (d) 12 to 15 years
- Q.10 : Which of the following deficiency is characterized by orolingual, dermal, hematological and corneal manifestations
 (a) Thiamine B_1
 (b) Riboflavin B_2
 (c) Niacin B_3
 (d) Methylcobalamine B_{12}
- Q.11: Which of the following colour scheme is a combination of neighbouring colours on the colour wheel
 (a) Complementary colour scheme
 (b) Analogous colour scheme
 (c) Primary colour scheme
 (d) Triad colour scheme
- Q.12: Which of the following is not a fat soluble vitamin
 (a) Vitamin A
 (b) Vitamin B
 (c) Vitamin E
 (d) Vitamin k
- Q.13. Which of the following is the earliest form of play & consists of things as Kicking, bouncing and rolling etc.
 (a) Imitative play
 (b) Make believe play
 (c) Sensorimotor play
 (d) Exploratory play
- Q.14: An ancient method of fabric colouration by tie & dyeing bundles of warp or/ and weft yarns prior to weaving is
 (a) Plangi Dyeing
 (b) Spray Dyeing
 (c) Ikat Dyeing
 (d) Flock Dyeing
- Q.15: Gluten Free Diet is given to patient with
 (a) Liver Disease
 (b) Celiac Disease
 (c) Heart Disease
 (d) Irritable bowel disease
- Q.16: The utilization of Calcium is adversely affected by
 (a) Oxalate
 (b) Oxidase
 (c) Iron
 (d) Niacin
- Q.17: Central, Food Technological Research Institute is situated in
 (a) Hyderabad
 (b) Mysore
 (c) Allahabad
 (d) Calcutta
- Q.18: Which of the following is inhibiting agents of iron absorption
 (a) Oxalate
 (b) Tanins
 (c) Niacin
 (d) Calcium
- Q.19 : Hypertrophy is a condition in which fat cells
 (a) Increase in number
 (b) Increase in size
 (c) Decrease in number
 (d) Decrease in size
- Q.20 : Gorging with large amount of food and then purging is known as
 (a) Anemic
 (b) Bulimia
 (c) Anorexia
 (d) Resorption
- Q.21 : One gram of carbohydrate, protein and fat produces
 (a) 4,4,9 Kcal respectively
 (b) 4,6,9 Kcal respectively
 (c) 3,5,9 Kcal respectively
 (d) 4,6,6 Kcal respectively

Q.22: Sprouting helps to increase which of the following nutrient

- (a) Vitamin A
- ✓(b) Vitamin C
- (c) Vitamin D
- (d) Vitamin E

Q.23: According to ICMR, RDA 2010, the calcium requirement for a pregnant woman is.....

- (a) 600 mg/ day
- ✓(b) 800 mg/ day
- (c) 1200 mg/ day
- (d) 1500 mg/ day

Q.24: TAT- The Thematic Apperception Test was developed by

- (a) Rorschach and Icar
- (b) Morgan and Murry
- (c) Francis and Larousse
- (d) Parekh and Parekh

Q.25: Dye which does not have affinity for cotton fabric

- (a) Basic dye
- (b) Reactive dye
- ✓(c) Sulphur dye
- (d) Vat dye

Q.26 : Art and its interest in beauty are an example of

- (a) Factual value
- (b) Normative value
- (c) Intrinsic value
- (d) Instrumental value

Q.27: Problem of Homogeneity is related to which types of barriers

- (a) Relating to communicator
- (b) Relating to the receiver
- (c) Related to transmission
- (d) None of the above

Q.28: Which of the following is called as heart of the management

- (a) Organizing
- (b) Planning
- ✓(c) Decision making
- (d) Staffing

Q.29 : Reeling or unwinding the filaments from the cocoon is done in an establishment called a

- (a) Filature
- (b) Skein
- (c) Books
- ✓(d) Bales

Q.30 : A weave in which each warp yarn floats over four filling yarns and interlaces with the fifth filling yarn with a progression of interlacings by two to the right or left is

- (a) Twill Weave
- ✓(b) Satin Weave
- (c) Ribbed Weave
- (d) Basket Weave

Q.31 : Which of the following is not the characteristic of spun yarns.

- (a) Dull fuzzy look
- (b) Subject to pilling
- (c) Worn and soil readily
- ✓(d) Smooth and lustrous

Q.32: The burning of free projecting fiber ends from the surface of the cloth is

- (a) desizing
- (b) Scouring
- ✓(c) singeing
- (d) calendering

Q.33: Adding coloured pigments or dyes to the spinning solution so that the fibre is coloured as it is spun, is

- (a) stock on fiber dying
- (b) solution dyeing
- (c) Top dyeing
- (d) Jig dyeing

Q.34: "Time" is a resource with which family's goals are achieved and is referred to as

- (a) Cognitive human resource
- (b) Economic human resource
- (c) Temporal human resource
- ✓(d) Affective human resource

Q.35: The technique of work simplification is

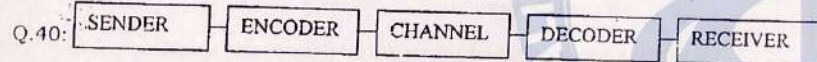
- (a) Micro-motion film analysis
- (b) Appreciation of the work
- (c) Rest periods
- ✓(d) Analytical approach

- Q.36: Source of B12 are
 (a) Liver, egg, milk
 (b) Plant products
 (c) Yeast and fungi
 (d) Microbes

- Q.37: The fat soluble Vitamin is
 (a) Riboflavin
 (b) Niacin
 (c) Ascorbic acid
 (d) Retinol

- Q.38: The product of Maturation and learning is
 (a) Change
 (b) Development
 (c) Predictable
 (d) Critical

- Q.39: The fetal buttocks appear first followed by the legs, the arms and finally the head. This type of birth is
 (a) Spontaneous birth
 (b) Instrument birth
 (c) Breech birth
 (d) Transverse-Presentation birth



- (a) Wesley and Machean Model
 (b) Legan's Model
 (c) Berlo Model
 (d) Shammon-Weaver Model
- Q.41: The communication and communicatee relationship is given by
 (a) Empathy and feedback
 (b) Care and affection
 (c) Expectation and prediction
 (d) Attitude and innovation

- Q.42: The non-projected audio visual teaching aids is
 (a) Puppets
 (b) Graphs
 (c) Charts
 (d) Cards

- Q.43: Which author encouraged "Democratic Method" in Extension programme planning?
 (a) Fowling
 (b) Bruner
 (c) Knans
 (d) Matthews

- Q.44: Good life, better citizenship, democracy and better prosperity corresponds to:
 (a) General objectives
 (b) Fundamental objectives
 (c) Working objectives
 (d) All of the above

- Q.45: Which of the following is replaced for use in fabrics owing to its carcinogenic Properties?
 (a) Rayon
 (b) Asbestos
 (c) Sulphur
 (d) Phosphorous

- Q.46: Which acid is used for removing impurities from wool through carbonization process?
 (a) H_2SO_4
 (b) CS_2
 (c) $KMnO_4$
 (d) HCl

- Q.47: Which of the following dyes mark the birth of synthetic dyes?
 (a) Direct
 (b) Basic
 (c) Reactive
 (d) Acid

- Q.48: Which of the following home maker's effect is used in "GARDENING"?
 (a) Manual
 (b) Torsal
 (c) Pedal
 (d) Visual

- Q.49: Which class of human resources "SKILLS" belong to?
 (a) Cognitive
 (b) Affective
 (c) Psycho-motor
 (d) Temporal

Q.50: Which style of flower arrangement symbolizes harmony between earthy and eternal life?
 (a) Traditional
 (b) Modern
 (c) Abstract
 (d) Oriental

Q.51: Which of the following domains of study is influenced by "Maslow's theory of personality"?
 (a) Intelligence
 (b) Creativity
 (c) Giftedness
 (d) Social learning

Q.52: Which of the following statements characterize "Endomorphic built"?
 (a) Predominant muscle and connective tissue
 (b) Slender muscles, minimal adipose tissue
 (c) More soft adipose tissues than muscular tissues
 (d) More muscle tissues than adipose tissues

Q.53: A fluid filled membrane that encloses the developing embryo or fetus is
 (a) Placenta
 (b) Umbilical cord
 (c) Amniotic Sac
 (d) Blastula

Q.54: In the early stages of language acquisition, the young child's use of single words, perhaps to convey full sentences is known as
 (a) Holophrastic Speech
 (b) Pivot Speech
 (c) Case Grammar Speech
 (d) Iteration Speech

Q.55: Which of the following is the direct antitheses of Id and represents the ethical and moral aspect of the psyche
 (a) Ego
 (b) Superego
 (c) Id-ego
 (d) Ego ethics

Q.56: According to whom, "The term learning covers every modification in behavior to meet environmental requirements"
 (a) Henry P. Smith (1962)
 (b) Gardner Murphy (1968)
 (c) Woodworth (1945)
 (d) Kingsley (1957)

Q.57: The flow of information from top to bottom in the organization is a common feature of
 (a) Cross Communication
 (b) Upward Communication
 (c) Both (a) & (b)
 (d) Downward Communication

Q.58: The lightness or darkness of a colour refers to its
 (a) Hue
 (b) Value
 (c) Intensity
 (d) Chrome

Q.59: Which of the following is known as king of fabric?
 (a) Silk
 (b) Cotton
 (c) Rayon
 (d) Wool

Q.60: Ironing process carried out by running the fabric through a roller in the presence of steam is known as
 (a) Napping
 (b) Embossing
 (c) Sanforising
 (d) Calendaring

Q.61: Which of the following fiber is obtained from the stalk of the flax plant
 (a) Linen
 (b) Abestos
 (c) Rayon
 (d) Acetate

Q.62: Which of the following is a natural coarse brown fiber obtained from the husk of coconut
 (a) Asbestos
 (b) Sisal
 (c) Hemp
 (d) Coir

Q.63: The execution of a plan is known as
 (a) Controlling
 (b) Organizing
 (c) Implementation
 (d) None of these

Section - B

Short Answer type Questions

10 x 3 = 30

- Q.64 : The principle of design that leads one to have a centre of interest in any home is
 (a) The principle of Rhythm
 (b) The principle of Emphasis
 (c) The principle of Proportion
 (d) The principle of Balance
- Q.65: Which of the following is not a fat soluble Vitamin
 (a) Vitamin A
 (b) Vitamin D
 (c) Vitamin B
 (d) Vitamin K
- Q.66: One kcal is equal to
 (a) 4.184 Kilojoules
 (b) 4.296 Kilojoules
 (c) 4.100 Kilojoules
 (d) 4.586 Kilojoules
- Q.67: National Food Security Mission was launched in
 (a) August 2007
 (b) July 2007
 (c) September 2007
 (d) January 2007
- Q.68: During pregnancy an increased nutrient intake has been suggested mainly in the
 (a) First trimester
 (b) First and second trimester
 (c) Second and third trimester
 (d) Third trimester
- Q.69: The part of sewing machine which controls the flow and movement of the spool thread is called
 (a) Pressure foot
 (b) Needle clamp
 (c) Stitch regulator lever
 (d) Take up lever
- Q.70: Varicella-zoster is a causative agent for the disease
 (a) Measles
 (b) Chickenpox
 (c) Smallpox
 (d) Dysentery

Q.1: What are the characteristics of late childhood?

Q.2: "Early Development is more critical than late" Evaluate.

Q.3: Explain the different dry methods of cooking.

Q.4: Write short notes on nutritive value of milk.

Q.5: Write a note on steps of block printing.

Q.6: Difference between soap and detergents.

Q.7: Time is both a human and non-human resource. Explain.

Q.8: Decision making is the crux of management. Explain.

Q.9: Enlist various types of charts.

Q.10: Write the importance of Home Science extension education in present era.



1	A	B	C	D	41	A	B	C	D	81	A	B	C	D	121	A	B	C	D	161	A	B	C	D
2	A	B	C	D	42	A	B	C	D	82	A	B	C	D	122	A	B	C	D	162	A	B	C	D
3	A	B	C	D	43	A	B	C	D	83	A	B	C	D	123	A	B	C	D	163	A	B	C	D
4	A	B	C	D	44	A	B	C	D	84	A	B	C	D	124	A	B	C	D	164	A	B	C	D
5	A	B	C	D	45	A	B	C	D	85	A	B	C	D	125	A	B	C	D	165	A	B	C	D
6	A	B	C	D	46	A	B	C	D	86	A	B	C	D	126	A	B	C	D	166	A	B	C	D
7	A	B	C	D	47	A	B	C	D	87	A	B	C	D	127	A	B	C	D	167	A	B	C	D
8	A	B	C	D	48	A	B	C	D	88	A	B	C	D	128	A	B	C	D	168	A	B	C	D
9	A	B	C	D	49	A	B	C	D	89	A	B	C	D	129	A	B	C	D	169	A	B	C	D
10	A	B	C	D	50	A	B	C	D	90	A	B	C	D	130	A	B	C	D	170	A	B	C	D
11	A	B	C	D	51	A	B	C	D	91	A	B	C	D	131	A	B	C	D	171	A	B	C	D
12	A	B	C	D	52	A	B	C	D	92	A	B	C	D	132	A	B	C	D	172	A	B	C	D
13	A	B	C	D	53	A	B	C	D	93	A	B	C	D	133	A	B	C	D	173	A	B	C	D
14	A	B	C	D	54	A	B	C	D	94	A	B	C	D	134	A	B	C	D	174	A	B	C	D
15	A	B	C	D	55	A	B	C	D	95	A	B	C	D	135	A	B	C	D	175	A	B	C	D
16	A	B	C	D	56	A	B	C	D	96	A	B	C	D	136	A	B	C	D	176	A	B	C	D
17	A	B	C	D	57	A	B	C	D	97	A	B	C	D	137	A	B	C	D	177	A	B	C	D
18	A	B	C	D	58	A	B	C	D	98	A	B	C	D	138	A	B	C	D	178	A	B	C	D
19	A	B	C	D	59	A	B	C	D	99	A	B	C	D	139	A	B	C	D	179	A	B	C	D
20	A	B	C	D	60	A	B	C	D	100	A	B	C	D	140	A	B	C	D	180	A	B	C	D
21	A	B	C	D	61	A	B	C	D	101	A	B	C	D	141	A	B	C	D	181	A	B	C	D
22	A	B	C	D	62	A	B	C	D	102	A	B	C	D	142	A	B	C	D	182	A	B	C	D
23	A	B	C	D	63	A	B	C	D	103	A	B	C	D	143	A	B	C	D	183	A	B	C	D
24	A	B	C	D	64	A	B	C	D	104	A	B	C	D	144	A	B	C	D	184	A	B	C	D
25	A	B	C	D	65	A	B	C	D	105	A	B	C	D	145	A	B	C	D	185	A	B	C	D
26	A	B	C	D	66	A	B	C	D	106	A	B	C	D	146	A	B	C	D	186	A	B	C	D
27	A	B	C	D	67	A	B	C	D	107	A	B	C	D	147	A	B	C	D	187	A	B	C	D
28	A	B	C	D	68	A	B	C	D	108	A	B	C	D	148	A	B	C	D	188	A	B	C	D
29	A	B	C	D	69	A	B	C	D	109	A	B	C	D	149	A	B	C	D					

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