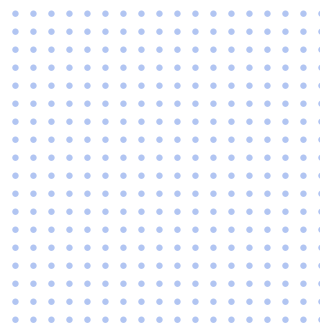




FOR KUET EXAM PREPARATION

KUET 2024

Question Paper · M.Sc. Home Science

EXAM	YEAR	TYPE	SUBJECT
KUET	2024	Question Paper	M.Sc. Home Science

Sr. No. 141

ENTRANCE TEST-2024**SCHOOL OF APPLIED SCIENCES AND TECHNOLOGY****HOME SCIENCE**

Question Booklet Series

A

Total Questions : 60

Time Allowed : 70 Minutes

Roll No. :

--	--	--	--	--	--

Instructions for Candidates :

1. Write your Entrance Test Roll Number in the space provided at the top of this page of Question Booklet and fill up the necessary information in the spaces provided on the OMR Answer Sheet.
2. OMR Answer Sheet has an Original Copy and a Candidate's Copy glued beneath it at the top. While making entries in the Original Copy, candidate should ensure that the two copies are aligned properly so that the entries made in the Original Copy against each item are exactly copied in the Candidate's Copy.
3. All entries in the OMR Answer Sheet, including answers to questions, are to be recorded in the Original Copy only.
4. Choose the correct / most appropriate response for each question among the options A, B, C and D and darken the circle of the appropriate response completely. The incomplete darkened circle is not correctly read by the OMR Scanner and no complaint to this effect shall be entertained.
5. Use only blue/black ball point pen to darken the circle of correct/most appropriate response. In no case gel/ink pen or pencil should be used.
6. Do not darken more than one circle of options for any question. A question with more than one darkened response shall be considered wrong.
7. There will be '**Negative Marking**' for wrong answers. Each wrong answer will lead to the deduction of 0.25 marks from the total score of the candidate.
8. Only those candidates who would obtain positive score in Entrance Test Examination shall be eligible for admission.
9. Do not make any stray mark on the OMR sheet.
10. Calculators and mobiles shall not be permitted inside the examination hall.
11. Rough work, if any, should be done on the blank sheets provided with the question booklet.
12. OMR Answer Sheet must be handled carefully and it should not be folded or mutilated in which case it will not be evaluated.
13. Ensure that your OMR Answer Sheet has been signed by the Invigilator and the candidate himself/herself.
14. At the end of the examination, hand over the OMR Answer Sheet to the invigilator who will first tear off the original OMR sheet in presence of the Candidate and hand over the Candidate's Copy to the candidate.

SP-4501-A

1
ⓧ

[Turn over

1. The word communication originates from the word "Communis" which means _____.
 (A) Community
 (B) Knowledge
 (C) Common
 (D) None of the above
2. The original model of communication given by Aristotle consists of _____ elements or ingredients.
 (A) 2
 (B) 3
 (C) 4
 (D) 5
3. The process of symbolising the idea or converting it into a message is known as _____.
 (A) Ideation
 (B) Encoding
 (C) Transmission
 (D) Receiving
4. Problems regarding the interpretation of meaning by the receiver as compared to the intended meaning of the sender is called as _____.
 (A) Technical problem
 (B) Semantic Problem
 (C) Influential Problem
 (D) Effectiveness Problem
5. Extension education is an applied science consisting of contents derived from :
 (A) Researches
 (B) Accumulated field experiences
 (C) Relevant principles from related sciences
 (D) All of the above
6. The idea of starting the 'Etawah Pilot Project' was conceived and born in _____.
 (A) 1932
 (B) 1947
 (C) 1958
 (D) 1960
7. Which of the following is not considered as Non-Projected Visual Aids ?
 (A) Chalk board
 (B) Flash card
 (C) Flip-chart
 (D) Films
8. Short series of lectures usually by two to five speakers each with different viewpoints is called as _____.
 (A) Symposium
 (B) Forum dialogue
 (C) Group interview
 (D) Debate discussion
9. Rate of metabolism on rest is known as :
 (A) SDA
 (B) BMR
 (C) Catabolism
 (D) Both (A) and (B)
10. Prevalence of anaemia in India among women is about _____.
 (A) 10%
 (B) 30%
 (C) 60%
 (D) 95%

11. Protein constitutes _____ of our body weight.
- (A) 20%
(B) 40%
(C) 60%
(D) 80%
12. Cheilosis is a symptom associated with the deficiency of _____.
- (A) Thiamine
(B) Niacin
(C) Pyridoxin
(D) Riboflavin
13. Which of the following are vulnerable to losses during cooking?
- (A) Calcium
(B) Vitamin C
(C) Thiamine
(D) Both (B) and (C)
14. Polished rice loses about _____ of vitamin B1.
- (A) 10%
(B) 20%
(C) 70%
(D) 100%
15. Which of the following is/are micronutrients?
- (A) Fats
(B) Proteins
(C) Vitamins
(D) All of the above
16. The new food guide that replaces the *Basic Food Groups Guide* is called :
- (A) Exchange lists for weight reduction
(B) Dietary guide for Indians
(C) The Food Guide pyramid
(D) Exchange list guide for meal planning
17. Which of the following is orderly, coherent and progressive besides referring to only qualitative changes?
- (A) Growth
(B) Development
(C) Both
(D) None
18. The goal of developmental changes includes :
- (A) Self-realization
(B) Achievement of genetic potential
(C) Self actualization
(D) All of the above
19. Which of the following is not a phylogenetic function of maturation?
- (A) Swimming
(B) Crawling
(C) Walking
(D) Sitting
20. Havighurst has referred to maturational readiness as _____.
- (A) Hereditary potential
(B) Development
(C) Teachable moment
(D) All of the above

21. During the 9 months before birth the individual normally grows from a microscopically small germ cell to an infant of approximately _____ pounds in weight.
- (A) 2
(B) 4
(C) 7
(D) 10
22. In case of the female reproductive cells, there are _____ preparatory processes and in case of men there are _____ preparatory processes.
- (A) 2, 3
(B) 3, 2
(C) 2, 2
(D) 3, 3
23. "Ambidextrous" is a term associated with :
- (A) Sexual development
(B) Cognitive learning
(C) Left and right handedness
(D) Stunting
24. Which of the following learning methods of emotional development means "learning by association" ?
- (A) Imitation
(B) Identification
(C) Training
(D) Conditioning
25. The freezing point of a solvent , _____ when a solute dissolves in it.
- (A) Depresses
(B) Increases
(C) Remains unchanged
(D) None of the above
26. _____ is the internal friction which tends to bring to rest portions of the fluids moving relative to one another.
- (A) Freezing point
(B) Osmotic point
(C) Viscosity
(D) All of the above
27. The opacity of an emulsion is determined by _____.
- (A) Droplet size
(B) Droplet concentration
(C) Difference in refractive indices of two phases
(D) All of the above
28. The bond formed through the sharing of one or more pairs of electrons between two atoms is known as _____.
- (A) Ionic bond
(B) Octet bond
(C) Covalent bond
(D) Non-covalent bond
29. Which instrument is most suitable to measure the internal diameter of a test tube ?
- (A) Metre rule
(B) Vernier callipers
(C) Measuring tape
(D) Screw gauge
30. The number of base units in SI are _____.
- (A) 3
(B) 6
(C) 7
(D) 9

31. The word "Science" is derived from the Latin word _____.
 (A) Scientific
 (B) Scientism
 (C) Scienca
 (D) Scientia
32. _____ calorimetry is conducted under constant pressure conditions whereas _____ calorimetry is conducted under constant volume conditions.
 (A) Bomb ; Calibration
 (B) Calibration ; Bomb
 (C) Coffee Cup ; Bomb
 (D) Bomb ; Bomb
33. Kilocalorie needs during pregnancy exceed normal requirements by approximately _____.
 (A) 100 kcal
 (B) 300 kcal
 (C) 900 kcal
 (D) 1200 kcal
34. Which one of the following can be considered as the best source of dietary iron ?
 (A) Liver
 (B) Lean meat
 (C) Spinach
 (D) Dried fruits
35. A normal infant triples its birth weight by the age of _____ months.
 (A) 5
 (B) 12
 (C) 20
 (D) 24
36. An infant's foetal/prenatal iron stores begin to diminish between _____.
 (A) 0-1 months
 (B) 1-2 months
 (C) 2-3 months
 (D) 4-6 months
37. _____ is the father of Phycology.
 (A) Hippocrates
 (B) S. P. Philip
 (C) Joseph Lister
 (D) F. E. Fritsch
38. _____ is the fusion of morphologically or physiologically dissimilar gametes.
 (A) Isogamy
 (B) Anisogamy
 (C) Oogamy
 (D) None of the above
39. The living differentiated cells, which have lost the capacity to divide, can regain the capacity of division under certain conditions. This phenomenon is termed as _____.
 (A) Differentiation
 (B) Dedifferentiation
 (C) Redifferentiation
 (D) Adifferentiation
40. _____ showed that the green substance (chlorophyll) is located in special bodies called chloroplasts.
 (A) Julius Von Sachs
 (B) T.W. Englemann
 (C) V. N. Cornelis
 (D) E. G. Emerson

41. The non-metric unit for measuring the sedimentation rate is called _____ unit.
- Pascal
 - Svedberg
 - Candella
 - None of the above
42. *Wuchereria* is responsible for causing _____. 47. _____ is an approach to plan and prepare the budget from scratch.
- Ringworm
 - Ascariasis
 - Amoebiasis
 - Filariasis
43. How similar is the DNA sequencing of any two random people ? 48. The budget which is usually produced first and drives each of the budgets that follow is called _____.
- 33.3%
 - 55.5%
 - 77.7%
 - 99.9%
44. The animals in which the body cavity is absent are called _____. 49. In the advanced countries of the world in the beginning of the 19 Century, the death rate ranged between _____ per thousand.
- Acoelomates
 - Coelomates
 - Pseudochoelomates
 - All of them
45. Which of the following is considered as the Contingent function of money ? 50. The policy of minimum governmental interference in the economic affairs of the individual and society is called as _____.
- Distribution of national income
 - Equalization of marginal utility
 - Basis of credit system
 - All of the above
- Capacity Ratio
 - Efficiency Ratio
 - Activity Ratio
 - All of the above
- Traditional Budgeting
 - Participative Budgeting
 - Negotiated Budgeting
 - Zero based budgeting
- Cash budget
 - Sales budget
 - Master budget
 - Zero budget
- 7-8
 - 10-15
 - 10-20
 - 35-50
- Dirigisme
 - Capitalism
 - Georgism
 - Laissez-faire

51. The PURA model (Providing Urban Amenities in Rural Areas) focuses on which of the following connectivities?
- Economic
 - Electronic
 - Knowledge
 - All of the above
52. Which of the following is not considered as the responsibility of the consumer?
- To think independently
 - To be heard
 - To be an ethical consumer
 - To speak out
53. The study of the cultural, behavioural and sociological aspects of spatial distances between individuals is called _____.
- Proxemics
 - Kinesics
 - Para Language
 - None of the above
54. The use of _____ to add and convey meaning to your words is referred to as para-language.
- Volume
 - Tone
 - Voice
 - All of the above
55. _____ communication helps form the 'self' which includes many dimensions like physical, emotional and habits.
- Interpersonal
 - Intrapersonal
 - Informal
 - Personnel
56. In a/an _____ communication, the sender sends the message and does not wait for a response from the receiver in the conversation.
- Synchronous
 - Asynchronous
 - Both (A) and (B)
 - None of the above
57. Which of the following is **not** considered as a barrier in the Intercultural communication?
- Ethnocentric behaviour
 - Stereotyping
 - Cultural shock
 - Empathy
58. The _____ proposes the specific patterns and biases, an individual uses when forming impressions about people, situations, objects etc.
- Perceptual accentuation theory
 - Primacy-Recency theory
 - Implicit personality theory
 - Attribution theory
59. _____ is the ancient performance form of picture-story recitation, which involves sung narration accompanied by reference to painted banners, placards and music.
- Scroll
 - Cantastoria
 - Patachitra
 - All of the above
60. The _____ theory is based on the economic model of profits and losses.
- Equity Theory
 - Social Exchange Theory
 - Functional Theory
 - CMM (Coordinated Management of Meaning Theory)