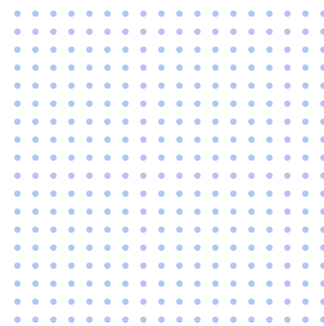




FOR KUET EXAM PREPARATION

KUET 2023

Question Paper · M.Sc. Home Science

EXAM	YEAR	TYPE	SUBJECT
KUET	2023	Question Paper	M.Sc. Home Science

Sr. No.

ENTRANCE TEST-2023**SCHOOL OF APPLIED SCIENCES AND TECHNOLOGY****HOME SCIENCE**

Question Booklet Series

A

Total Questions : 60

Time Allowed : 70 Minutes

Roll No. :

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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.

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\$**[Turn over**

1. Communication with oneself is known as?
 - (A) Organisation communication
 - (B) Grapevine communication
 - (C) Interpersonal communication
 - (D) Intrapersonal communication
2. Dialectic communication is?
 - (A) Intrapersonal communication
 - (B) Interpersonal communication
 - (C) Organisational communication
 - (D) Relational communication
3. Transmission of messages through eye contact, facial expressions & gestures is referred as?
 - (A) Verbal communication
 - (B) Non-verbal communication
 - (C) Visual communication
 - (D) None of the above
4. Speaker-speech-audience are the elements of which model of communication?
 - (A) Shannon
 - (B) Aristotle
 - (C) Harold Lasswell
 - (D) None
5. Programme planning process in extension is?
 - (A) Teaching and learning
 - (B) Coordination
 - (C) Evaluation
 - (D) All of the above
6. Many things are learned while doing a particular work is?
 - (A) Principle of cultural change
 - (B) Principle of participation
 - (C) Principle of interest and needs
 - (D) Principle of leadership
7. In informal education, there is no?
 - (A) Curriculum
 - (B) Examination
 - (C) Only (A)
 - (D) Both (A) & (B)
8. Which of the following is hindrance in extension work?
 - (A) Faulty communication
 - (B) Faulty programme planning
 - (C) Only (A)
 - (D) Both (A) & (B)
9. Richest source of Vitamin C is?
 - (A) Guava
 - (B) Gooseberry
 - (C) Lemon
 - (D) Papaya
10. Which among the following is not a nutrient?
 - (A) Fructose
 - (B) Niacin
 - (C) Water
 - (D) None of these
11. Children with pot belly are an indicator of which type of disease?
 - (A) Goitre
 - (B) Anaemia
 - (C) Kwashiorkor
 - (D) Marasmus
12. PEM is related to which nutrient?
 - (A) Carbohydrates
 - (B) Proteins
 - (C) Fats
 - (D) Vitamins

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13. What includes protective foods?
 - (A) Carbohydrates
 - (B) Fats and proteins
 - (C) Vitamins
 - (D) Vitamins and minerals
14. Malaria is caused by?
 - (A) Virus
 - (B) Algae
 - (C) Protozoa
 - (D) Fungi
15. Xerophthalmia is related to deficiency of which nutrient?
 - (A) Iron
 - (B) Protein
 - (C) Vitamin A
 - (D) Vitamin B12
16. Cheilosis is related to?
 - (A) Mouth
 - (B) Eyes
 - (C) Nose
 - (D) Hair
17. Eggs are rich source of many nutrients except?
 - (A) Fats
 - (B) Ascorbic acid
 - (C) Minerals
 - (D) Proteins
18. Foods like rice and potato mainly provide?
 - (A) Fats
 - (B) Minerals
 - (C) Carbohydrates
 - (D) Proteins
19. Broccoli is rich in which nutrient?
 - (A) Vitamin B1
 - (B) Ascorbic acid
 - (C) Folic acid
 - (D) Vitamin E
20. Crystallization of sugar occurs in?
 - (A) Candy
 - (B) Guava jelly
 - (C) Lemon squash
 - (D) Chocolate
21. Idli and dhokla are good examples of ?
 - (A) Direct steaming
 - (B) Indirect steaming
 - (C) Pressure cooking
 - (D) None of the above
22. Fermentation enhances the content of which nutrient?
 - (A) Ascorbic acid
 - (B) Methionine
 - (C) Folic acid
 - (D) All of these
23. The need for energy is highest per unit of body weight in the ?
 - (A) First year of life
 - (B) Third year of life
 - (C) Fifth year of life
 - (D) Tenth year of life
24. Concept of moral judgement is given by?
 - (A) Piaget
 - (B) Skinner
 - (C) Kohlberg
 - (D) Vygotsky

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[Turn over

25. Cognitive development emphasizes?
 - (A) Learning
 - (B) Memory
 - (C) Problem solving
 - (D) All of the above
26. Which scale measures infant health by assessing appearance, pulse grimace, activity and respiration?
 - (A) Bronfenbrenner
 - (B) Brazelton
 - (C) Apgar
 - (D) None of the above
27. The period of prenatal development that takes place in the first two weeks after conception is?
 - (A) Embryonic period
 - (B) Germinal period
 - (C) Foetal period
 - (D) None of the above
28. When parents emphasize obedience using force to curb children's self-will keeping children subordinate, restricting autonomy and discouraging verbal give and take, it is referred to as?
 - (A) Permissive parenting
 - (B) Authoritarian parenting
 - (C) Authoritative parenting
 - (D) Uninvolved parenting
29. Moro in infants is a ?
 - (A) Disease
 - (B) Reflex action
 - (C) Disorder
 - (D) None of these
30. Human development focuses on?
 - (A) Physical and motor development
 - (B) Social and emotional development
 - (C) Personality development
 - (D) All of the above
31. Perception is the mental process related to?
 - (A) Sorting out
 - (B) Interpreting
 - (C) Analyzing
 - (D) All of the above
32. Most children in the preoperational stage are capable of ?
 - (A) Symbolic thought
 - (B) Transformation
 - (C) Conservation
 - (D) Decentration
33. Identity versus role confusion is associated with?
 - (A) Infancy
 - (B) Early childhood
 - (C) Adolescence
 - (D) Adulthood
34. The solubility of substance in a solvent depends upon?
 - (A) Temperature
 - (B) Pressure
 - (C) Nature of solute and solvent
 - (D) All of the above
35. When sulphuric acid reacts with egg shell it produces?
 - (A) Hydrogen gas
 - (B) Nitrogen gas
 - (C) Carbon monoxide
 - (D) Carbon dioxide gas

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36. Cloud/fog is an example of colloidal system of?
 (A) Solid dispersed in gas
 (B) Gas dispersed in gas
 (C) Liquid dispersed in gas
 (D) Solid dispersed in liquid
37. When two immiscible liquids are mixed together, they form?
 (A) Aerosol
 (B) Emulsion
 (C) Gel
 (D) Sol
38. Which among the following can be used as an antihistamine?
 (A) Diphenylhydramine
 (B) Norethridrone
 (C) Omeprazole
 (D) Chloramphenicol
39. The temperature of a block of iron is 140°F , Which is equal to?
 (A) 32°C
 (B) 60°C
 (C) 108°C
 (D) 140°C
40. The vessel of a calorimeter is made up of metallic material because?
 (A) They are good conductor of electricity
 (B) They are solid
 (C) They are not good conductor of heat
 (D) All are correct
41. The heat transfer takes place according to?
 (A) Zeroth law of thermodynamics
 (B) First law of thermodynamics
 (C) Second law of thermodynamics
 (D) Kirchoff's law
42. The standard unit for measuring the frequency of a sound wave is?
 (A) Meter per second
 (B) Newton
 (C) Metre
 (D) Hertz
43. Rate of change of displacement is known as?
 (A) Acceleration
 (B) Velocity
 (C) Speed
 (D) Distance
44. Forces acting for a shorter duration are called?
 (A) Short force
 (B) Interval force
 (C) Impulsive force
 (D) Interrupting force
45. The intensity of the gravitational field of earth is maximum at the?
 (A) Surface of the earth
 (B) Poles
 (C) Centre of the earth
 (D) Equator
46. RDA is ?
 (A) Recognised dietary advice
 (B) Recommended dietary advice
 (C) Recognised dietary allowance
 (D) Recommended dietary allowance

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[Turn over

47. RDA for ascorbic acid for children?
 (A) 30 mg/d
 (B) 40 mg/d
 (C) 50 mg/d
 (D) 45 mg/d
48. Which is the male reproductive organ of gametophytes?
 (A) Antherozoids
 (B) Antherida
 (C) Archegonia
 (D) None of these
49. The term "Saccus" is used for?
 (A) Exine of pollen grains of pinus
 (B) Intine of pollen grains of pinus
 (C) Wings of pollen grains of pinus
 (D) Wings of seeds of pinus
50. Mycorrhiza is a symbiotic association between?
 (A) Fungi and leaves of vascular plants
 (B) Algae and leaves of vascular plants
 (C) Fungi and roots of vascular plants
 (D) Algae and roots of vascular plants
51. Tallest known angiosperm is?
 (A) Conifers
 (B) Eucalyptus
 (C) Wolfia
 (D) None of these
52. Tallest known gymnosperm is ?
 (A) Pinus
 (B) Einkgo
 (C) Sequoia
 (D) Ephedra
53. Which serves as a connecting link between angiosperms and gymnosperms?
 (A) Gnetales
 (B) Coniferales
 (C) Ginkgoales
 (D) Cycadales
54. Which of the following is an autotroph?
 (A) Animals
 (B) Fungi
 (C) Algae
 (D) None of these
55. Which is also known as the powerhouse of the cell?
 (A) Cell wall
 (B) Mitochondria
 (C) Nucleus
 (D) Cytoplasm
56. Widal test is used to confirm which of the following diseases?
 (A) Cholera
 (B) Typhoid
 (C) Tuberculosis
 (D) Diarrhoea
57. The phenomenon of using a predator to control pests is?
 (A) Artificial Control
 (B) Biological Control
 (C) Confusion technique
 (D) Genetic engineering
58. Household bills like mortgage are?
 (A) Irregular spending
 (B) Irregular expenditure
 (C) Discretionary expenditure
 (D) Fixed expenditure

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59. Holidays are?
- (A) Opportunity cost
 - (B) Discretionary spending
 - (C) Regular spending
 - (D) None of the above
60. The value of all final goods and services produced in a country in 1 year is termed as?
- (A) GNP
 - (B) National income
 - (C) GDP
 - (D) None of the above

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ROUGH WORK**SM-29565-A****8
\$****25**