



DELHI PUBLIC SCHOOL NEWTOWN

SESSION 2021-2022

FINAL TERM EXAMINATION

CLASS: IX
SUBJECT: HOME SCIENCE

TOTAL MARKS: 100
TIME: 2 HOURS

*(Candidates are allowed additional 10 minutes for only reading the paper.
They must NOT start writing during this time.)*

The question paper comprises Two Parts. Part I is based on Multiple Choice Questions. Part

II is based on Subjective / Long questions.

The intended marks for questions are given in brackets [].

This paper consists nine printed pages.

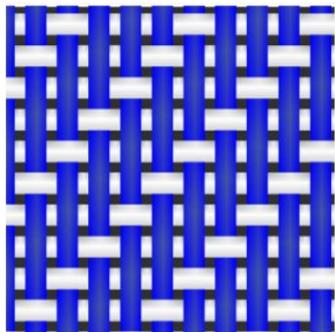
PART I [30 MARKS]

Attempt all questions from this section

Multiple Choice Questions:

[1 x 40]

Q1. Identify the type of weaving.



- a) Plain weave
- b) Spot weave
- c) Twill weave
- d) Satin Weave

Q2. David Berlo says that the purpose of communication is to

- a) Instruct
- b) influence
- c) integrate
- d) inform

Q3. These are horizontal yarns which are perpendicular to the selvedge

- a) warp yarn

- b) weft yarn
- c) felt
- d) thread

Q4. It is the physical properties of silk

- a) resistant to mildew moth
- b) poor conductor of heat
- c) dyes and print well
- d) stretches with ironing

Q5. Cooking gas is also known as

- a) mineral gas
- b) fossil gas
- c) organic gas
- d) coal

Q6. The application of organic and inorganic materials to the soil is called



- a) contour farming
- b) desalination
- c) reverse osmosis
- d) mulching

Q7. The _____ is a good conductor of electricity.

- a) earth
- b) water
- c) metal
- d) plastic

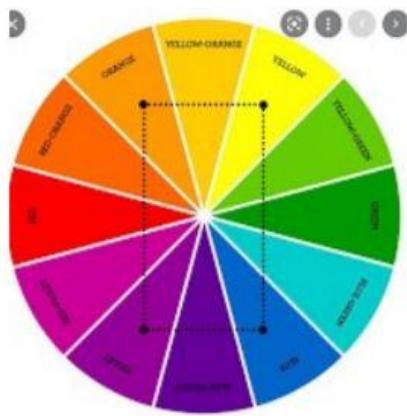
Q8. Which is not an agricultural waste _____

- a) rice husk
- b) coconut shell
- c) molasses
- d) saw dust

Q9. Excreta, dead bodies of water animals, dead water plants are known as

- a) agricultural waste
- b) community waste
- c) aquatic waste
- d) medical waste

Q10. Identify the colour scheme on the colour wheel



- a) Tetrad colour scheme
- b) Double complementary colour scheme
- c) Split complementary colour scheme
- d) Triad colour scheme

Q11. _____ lighting causes discomfort, eye fatigue.

- a) indirect lighting
- b) local lighting
- c) direct lighting
- d) Accent lighting

Q12. Natural gas is formed when

- a) minerals under the earth comes in contact with different gases.
- b) layers of decomposed plants and animals' matter are exposed to intense heat and pressure.
- c) different gases heated up underground.
- d) various metals get heated under the earth.

Q13. We should make our cooking gas last longer with

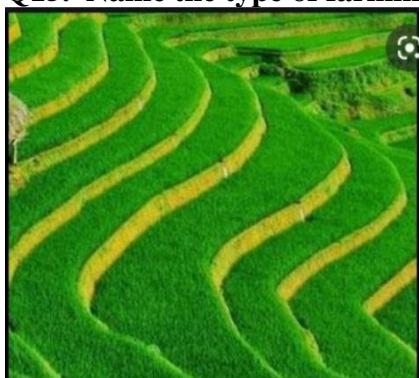
- a) let the flame in higher position.
- b) flame should go beyond the bottom of the pan.
- c) use vessel according to the size of the burner.
- d) Avoid covering the vessel while cooking.

Q14. Identify the correct term for this water conservation process.



- a) rain collection
- b) rain water pumping
- c) rain water harvesting
- d) rain conservation

Q15. Name the type of farming.



- a) intensive arming
- b) terrace farming
- c) contour farming
- d) dry land farming

Q16. Fission means the process in which

- a) CFL and LED bulbs convert electricity to visible light.
- b) fossil fuels are burnt to produce electricity.
- c) nuclear energy is produced by splitting unstable uranium atoms.
- d) nuclear energy is used to produce uranium atoms.

Q17. Some diseases are chronic means

- a) avoiding diseases in various ways.
- b) diseases present in the body with confused symptoms.
- c) diseases are continually present symptomatically during a long duration.
- d) symptoms of diseases occur sometimes.

Q18. In this disease people have swelling of their salivary glands along with other symptoms.

- a) Tuberculosis
- b) Mumps
- c) Tetanus
- d) Measles

Q19. This disease can cause serious birth defects in an unborn baby if a woman is infected while pregnant

- a) Rubella
- b) Diphtheria
- c) Pertussis
- d) Polio

Q20. Deficiency of Thiamine is called

- a) Anaemia
- b) Beriberi
- c) Scurvy
- d) Ricket

Q21. Lower income group people who take only one type of cereal like maize or millet suffer from

- a) Deficiency of Riboflavin called Cheilosis
- b) Deficiency of Niacin called Pellagra
- c) Deficiency of Cynocobalamin
- d) Deficiency of iodine called goiter

Q22. Which of the following mineral controls growth and body weight.

- a) Iodine
- b) Calcium
- c) Phosphorous
- d) Manganese

Q23. Which is not a fat-soluble vitamin

- a) Vitamin B
- b) Vitamin E
- c) Vitamin D
- d) Vitamin K

Q24. The main characteristics of growth

- a) It is physical in nature
- b) It is comprised of qualitative changes
- c) It takes throughout the life of an individual
- d) It is progressive

Q25. Which term is related to growth and development refers to the passing of traits from parents to their children.

- a) puberty
- b) environment
- c) heredity
- d) motor skills

Q26. It takes ____ days from conception for a foetus to become biologically and physically ready for the birth process.

- a) 222 days
- b) 266 days
- c) 280 days
- d) 278 days

Q27. Function of zinc

- a) improves immune function
- b) fluid balance
- c) energy production and storage
- d) enzyme production

Q28. Which of the following is not a gross motor skill?

- a) climbing ladder
- b) hopping on one leg
- c) using pencil to write
- d) kicking the ball

Q29. The ability of not forgetting the existence of the toy for a 3 years old child is called

- a) object permanence
- b) cognition
- c) object recognition
- d) object identification

Q30. This type of play provides children to concentrate and think and reason

- a) creative play
- b) dramatic play
- c) quiet play
- d) social play

Q31. Which of the following is not a nature of communication?

- a) communication may be spoken, written, sign languages or expressions.
- b) commonness of understanding between sender and receiver are not important.
- c) it is a two-way process.

d) It gives some message.

Q32. This help in better absorption of vitamin D in the body

- a) eating lot of fruits and vegetables**
- b) exercise and well-balanced diet**
- c) eating lot of nuts and legumes**
- d) eating animal proteins**

Q33. Dietary fibre mainly consists of

- a) cellulose**
- b) glucose**
- c) glycogen**
- d) water**

Q34. This weave is achieved by floating the warp or weft yarn over four or more of the opposite yarn

- a) Twill weave**
- b) Plain weave**
- c) Satin weave**
- d) Pile Weave**

Q35. The art of producing messages is called

- a) decoding**
- b) feedback**
- c) encoding**
- d) channel**

Q36. Which is not a means of mass media communication?

- a) Newspaper**
- b) Radio**
- c) Telephone**
- d) Television**

Q37. Tick the correct type of waste



- a) bio-degradable waste**
- b) non-biodegradable waste**
- c) E- waste**

d) agricultural waste

Q38. Collection, transport, processing, recycling, disposal and monitoring of waste materials is called

- a) sanitation
- b) waste management
- c) waste segregation
- d) waste disposal

Q39. Identify the method of cutting vegetables.



- a) grating
- b) chopping
- c) stringing julienne
- d) slicing

Q40. This spice treats diarrhoea

- a) clove
- b) ginger
- c) asafoetida
- d) cardamom

PART II (60 MARKS)

Attempt any four questions from this section

Question 1

[3x5=15]

- a) Explain any five principles of growth and development.
- b) Mention five key components of the nature of communication.
- c) Enumerate the role of play in the development of children.

Question 2

[3x5=15]

- a) Explain thermal properties of cotton in five sentences.
- b) Describe any five milestones of motor development between 1 to 2 years.
- c) Draw and define two types of yarns.

Question 3

[3x5=15]

- a) How is rayon manufactured? Mention any two physical properties of rayon.
- b) Define immunization. Write any three importance of immunization.
- c) State five importance of Vitamin D for our body?

Question 4

[3x5=15]

- a) Mention any five methods of reduce water losses and improve soil moisture.**
- b) Why is waste segregation important? Give any five reasons.**
- c) Describe any one communicable disease with symptoms and preventions.**

Question 5

[3x5=15]

- a) Enumerate any five functions of Protein in our body.**
- b) Give any five comparisons between bio-degradable and non-biodegradable wastes.**
- c) Differentiate direct and indirect lighting.**

Question 6

[3x5=15]

- a) Define interpersonal communication. In brief explain its four principles.**
- b) Classify colours with the help of a flow chart.**
- c) State any five ways adopting the principles of 5 'R's at home to conserve the environment.**