

This Question Paper consists of 47 questions and 8 Printed pages.

Code No. **71/S/216/A1/E**

Roll No.

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**HOME SCIENCE
(216)**

Serial No.

Day and Date of Examination

Signature of Invigilators 1. _____

2. _____

General Instructions :

1. Candidate must write his/her Roll Number on the first page of the Question Paper.
2. Please check the Question Paper to verify that the total pages and the total number of questions contained in the Question Paper are the same as those printed on the top of the first page. Also check to see that the questions are in sequential order.
3. For the objective type of questions, you have to choose any **one** of the four alternatives given in the question i.e. (A), (B), (C) or (D) and indicate your correct answer in the Answer-Book given to you.
4. All the questions including objective-type questions are to be answered within the allotted time and no separate time limit is fixed for answering objective-type questions.
5. Making any identification mark in the Answer-Book or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
6. Candidate will not be allowed to take Calculator, Mobile Phone, Bluetooth, Earphone or any such electronic devices in the Examination Hall.
7. In case of any doubt or confusion in the question paper, the English Version will prevail.
8. Write your Question Paper Code No. **71/S/216/A1/E** on the Answer-Book.
9. (a) The Question Paper is in English/Hindi medium only. However, if you wish, you can answer in any **one** of the languages listed below :
English, Hindi, Urdu, Punjabi, Bengali, Tamil, Malayalam, Kannada, Telugu, Marathi, Oriya, Gujarati, Konkani, Manipuri, Assamese, Nepali, Kashmiri, Sanskrit and Sindhi.
You are required to indicate the language you have chosen to answer in the box provided in the Answer-Book.
(b) If you choose to write the answer in the language other than Hindi and English, the responsibility for any errors/mistakes in understanding the questions will be yours only.



HOME SCIENCE (216)

Time : 2½ Hours]

[Maximum Marks : 85

- Note :**
- (i) This question Paper consists of total **47** questions in all.
 - (ii) **All** questions are compulsory.
 - (iii) Marks are given against each question.
 - (iv) **Section - A** consists of
 - (a) Q. No. **1** to **19** - Multiple Choice Questions (MCQs) carrying **1** mark each. Select and write the most appropriate option out of the four options given in each of these questions.
 - (b) Q. No. **20** to **31** - Objective type questions carrying **2** marks each. Attempt these questions as per the instructions given for each question.
 - (v) **Section - B** consists of
 - (a) Q. No. **32** to **41** - Very Short Answer type questions carrying **2** marks each to be answered in the range of **30** to **50** words.
 - (b) Q. No. **42** to **45** - Short Answer type questions carrying **3** marks each to be answered in the range of **50** to **80** words.
 - (c) Q. No. **46** to **47** - Long Answer type questions carrying **5** marks each to be answered in the range of **80** to **120** words.

General Instruction :

- (1) Answers of all the questions are to be given in the Answer - Book given to you.
- (2) 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 02.15 p.m. From 02.15 p.m. to 02.30 p.m., the students will read the Question paper only and will not write any answer on the Answer - Book during this Period.



SECTION - A

1. Sugar helps in preservation as it dissolves in water and [1]
(A) Reduces water available for microorganisms
(B) Makes the food sweet
(C) Forms a layer on food
(D) Lowers the acids in food
2. What is the incubation period of hepatitis? [1]
(A) 1-3 days (B) 5 to 6 days
(C) 10 days (D) 20-35 days
3. To prevent anaemia pregnant women should include foods rich in [1]
(A) calcium (B) iron
(C) fibre (D) protein
4. What do you understand by punctuality? [1]
(A) Respecting every one in office
(B) Reaching on time
(C) Respecting all jobs equally
(D) Keeping a check on anger
5. To file a complaint for goods worth 20,000/- which consumer forum will you approach? [1]
(A) district (B) state
(C) national (D) lok adalat
6. Steaming is a method in which food [1]
(A) comes directly in contact with water
(B) gets cooked by heat of water vapours
(C) is immersed in hot water
(D) is cooked below boiling point
7. You noticed small holes in the grain this indicates that it is getting spoilt because of. [1]
(A) enzymes (B) bacteria
(C) microorganisms (D) worms



8. Which of these diseases is not caused by direct contact with the patient? [1]
(A) Diphtheria (B) Herpes
(C) AIDS (D) Cholera
9. People are suffering from bronchitis because of _____ pollution. [1]
(A) air (B) sound
(C) water (D) land
10. Difficulty in chewing and swallowing could be symptoms of which disease? [1]
(A) hepatitis (B) tetanus
(C) pertussis (D) tuberculosis
11. Which finish is done to clean fabrics and make them more absorbent? [1]
(A) sanforization (B) calendaring
(C) parchmentation (D) scouring
12. Which of these activities will you do it once a week? [1]
(A) making bed (B) cleaning cobwebs
(C) cleaning dishes (D) sweeping floor
13. Doing two or more activities at the same time is called? [1]
(A) Sequencing (B) Dovetailing
(C) Peak load period (D) Grouping
14. First indication of pregnancy is [1]
(A) nauseous (B) changes in breast
(C) missed menstrual period (D) frequent urination
15. You want to make mango powder at home . Which method would you choose?[1]
(A) dehydration (B) pickling
(C) pasteurization (D) sterilisation
16. To reduce environment pollution people should adopt all except [1]
(A) tree plantation (B) composting
(C) use plastic bags (D) use sanitary latrines



- 17.** Adolescents think they are unique and nothing wrong can happen with them. Which of their cognitive characteristics does this demonstrate? [1]
 (A) idealism (B) imaginary audience
 (C) personal fable (D) abstract thinking
- 18.** The coolie accidentally dropped one of your small bag which had your old clothes. Your train has started moving. What would you do now? [1]
 (A) scream at him
 (B) tell him your inconvenience
 (C) give him your contact address in case he finds the bag
 (D) report him to the police
- 19.** Right to information gets violated when shopkeepers [1]
 (A) show too many brands (B) refuse to show pamphlets
 (C) give ration at subsidised rate (D) charge high prices
- 20.** Match the column I and column II : [2]
 (A) henna i) borax
 (B) blood ii) methylated spirit
 (C) old coffee iii) warm milk
 (D) nail polish iv) diluted ammonia
- 21.** Arrange the following activities in correct sequence to save our time and energy. [2]
 (A) Rinse the clothes (B) Starch the clothes
 (C) Remove stains (D) Soak clothes
- 22.** State true or false : [2]
 (i) Parents can help reduce the negative effects of media on their children
 (ii) Social norms are set of rules and expectations by which society guides their behaviour of its members
 (iii) Adolescents look to their parents for approval and even change their behaviour to win their approval
 (iv) Girls should remain indoors during menstruation
- 23.** Match column I and column II : [2]
 (A) event manager (i) teaching
 (B) staff at showroom (ii) arts and crafts
 (C) day care in school for young children (iii) resource manager and consumer education
 (D) home based craft centre (iv) interior decoration



24. Fill in the blanks : [2]

- (i) Khichri is an example of _____ method of enhancement.
- (ii) Milk polybags should not be exposed to sunlight as vitamin _____ gets lost.
- (iii) Quality of oil becomes _____ when it is reheated repeatedly.
- (iv) During frying, the temperature of oil becomes _____ C.

25. State true or false : [2]

- (i) Air surrounding the food contains microorganisms.
- (ii) Preservation takes care of excess produce.
- (iii) Pickles with low salt has longer shelf life.
- (iv) In canning food is cooled at low temperature.

26. State true or false : [2]

- (i) All similar plates, knives and spoons should be washed together.
- (ii) Size of family influences the family expenditure.
- (iii) Budgeting helps to balance income and expenses.
- (iv) Time spent on rest and leisure is called peak load period.

27. Fill in the blanks : [2]

- (i) Besides windows, doors and ventilators, _____ should be installed in kitchen to remove stale air.
- (ii) Chances of infections and fungal diseases increase if the rooms are _____.
- (iii) Floor of a bathroom should be _____.
- (iv) Living room should be near the _____ of the building.

28. State true or false : [2]

- (i) Eight year old children love to play group games.
- (ii) In permissive disciplining style, parents are totally involved with their children.
- (iii) Contracting stage of lifecycle begins when the first child leaves home.
- (iv) The timings of a day care should be flexible.

29. Match the column I and column II : [2]

- | | |
|----------------------|-------------------------|
| (A) bleaching | (i) sodium hydroxide |
| (B) cleaning | (ii) mild acid |
| (C) parchmentization | (iii) hydrogen peroxide |
| (D) mercerization | (iv) soap solution |



30. State true or false : [2]

- (i) All activities should be listed before time planning
- (ii) Shopping is a inflexible activity
- (iii) Balancing is adjustment of time for each activity
- (iv) Time plan should not be changed.

31. State true or false : [2]

- (i) Everybody should wear cotton undergarments.
- (ii) Negative emotions can be decreased by responding to situations in a healthy and positive way.
- (iii) Adolescents should not trust anyone.
- (iv) Self concept can be high if you look at your strengths.

SECTION - B

32. Which four precautions will you adopt while freezing peas at home? [2]

OR

Your brother has washed and cut apples. Tell him further procedure to make jam.

33. Write two differences between steaming and boiling methods of cooking. [2]

OR

Give two advantages of including germinated foods in the meals.

34. Which four precautions would you adopt to prevent communicable diseases? [2]

35. What are the four stages at which textiles are dyed? [2]

36. Give any four suggestions to smoothly carry our household activities at home. [2]

37. Write four steps of making a time plan. [2]

38. Tell four reasons why regular medical check is important during pregnancy. [2]

39. What can be the four consequences of not following values in the society? [2]



40. In what four ways consumer organisation help the consumers? **[2]**

OR

Write any four responsibilities of a consumer.

41. Families are not able to meet their needs with rising inflation. Suggest them four ways to cut their expenses. **[2]**

OR

Prepare a format to record one month food expenses of your family.

42. What are six advantages of making a toilet based on septic tanks? **[3]**

OR

What six points should be kept in mind to ensure the rooms in your house do not get dirty?

43. Analyse any six reasons nutrients of potatoes and methi are lost while cooking them. **[3]**

44. Identify any six reasons for increase in noise pollution in the world. **[3]**

OR

Suggest any six ways air can be prevented from getting polluted.

45. Many household activities can be avoided to save energy. Identify any three such activities. Give one suggestion each to improve these and save energy. **[3]**

46. Give five suggestions to adolescents to deal with negative peer pressure. **[5]**

OR

Suggest any five ways by which your newly married sister can develop good relationship with her in laws.

47. Which five precautions should be adopted while laundering cotton clothes? **[5]**

OR

Which five precautions should be adopted while removing stains from clothes?

