

**FOR EVALUATOR'S USE ONLY**

Sub. Code : **17**

Optional Paper

**Home Science : Paper - I**

Time : 3 Hours / Maximum Marks : 200 / Total Pages : 32

| Evaluation Table        |     |     |    |        |     |     |    |        |     |     |    | (For Evaluator's Use Only)           |  |
|-------------------------|-----|-----|----|--------|-----|-----|----|--------|-----|-----|----|--------------------------------------|--|
| PART-A                  |     |     |    | PART-B |     |     |    | PART-C |     |     |    | Grand Total                          |  |
| QN                      | E-1 | E-2 | AC | QN     | E-1 | E-2 | AC | QN     | E-1 | E-2 | AC | PART-A                               |  |
| 1                       |     |     |    | 21     |     |     |    | 33     |     |     |    | PART-B                               |  |
| 2                       |     |     |    | 22     |     |     |    | 34     |     |     |    | PART-C                               |  |
| 3                       |     |     |    | 23     |     |     |    | 35     |     |     |    | Total                                |  |
| 4                       |     |     |    | 24     |     |     |    | 36     |     |     |    | (-) Marks                            |  |
| 5                       |     |     |    | 25     |     |     |    | 37     |     |     |    | Final Total                          |  |
| 6                       |     |     |    | 26     |     |     |    | 38     |     |     |    | Marks in Words                       |  |
| 7                       |     |     |    | 27     |     |     |    | 39     |     |     |    | Remarks of Evaluator/Chief Evaluator |  |
| 8                       |     |     |    | 28     |     |     |    |        |     |     |    |                                      |  |
| 9                       |     |     |    | 29     |     |     |    |        |     |     |    |                                      |  |
| 10                      |     |     |    | 30     |     |     |    |        |     |     |    |                                      |  |
| 11                      |     |     |    | 31     |     |     |    |        |     |     |    |                                      |  |
| 12                      |     |     |    | 32     |     |     |    |        |     |     |    |                                      |  |
| 13                      |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| 14                      |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| 15                      |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| 16                      |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| 17                      |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| 18                      |     |     |    |        |     |     |    |        |     |     |    | Remarks of Scrutiniser               |  |
| 19                      |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| 20                      |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| Total                   |     |     |    |        |     |     |    |        |     |     |    |                                      |  |
| Evalu<br>ator's<br>Sign |     |     |    |        |     |     |    |        |     |     |    |                                      |  |

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**Note :** Attempt all the **twenty** questions. Each question carries **2** marks. Answer should not exceed **15** words.

**नोट :** समस्त २० प्रश्नों के उत्तर दीजिये। प्रत्येक प्रश्न के लिये २ अंक निर्धारित हैं। उत्तर १५ शब्दों से अधिक नहीं होना चाहिये।

1 The requirement of thiamin \_\_\_\_\_ with increased daily intake of energy.  
उर्जा के दैनिक उपभोग में बढोत्तरी के साथ थायमिन की आवश्यकता \_\_\_\_\_ जाती है।

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2 \_\_\_\_\_ enzyme is used to tenderize the meat.  
मांस को कोमल बनाने के लिये एन्जाईम \_\_\_\_\_ काम में लिया जाता है।

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3 Diabetes Mellitus is the condition characterized by flow of \_\_\_\_\_ with urine.  
मधुमेह रोग की स्थिति पेशाब में \_\_\_\_\_ के बहाव से लक्षित होती है।

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4 \_\_\_\_\_ means the synthesis of glucose from non carbohydrate sources.

कार्बोहाइड्रेट के अतिरिक्त अन्य साधनों से ग्लूकोज के संकलन को \_\_\_\_\_ कहते हैं।

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5 The nitrogen content of protein on an average is \_\_\_\_\_ percent.

प्रोटीन में नाइट्रोजन का औसत अंश \_\_\_\_\_ प्रतिशत होता है।

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6 Glycogen is formed and stored in \_\_\_\_\_.

\_\_\_\_\_ में ग्लाइकोजन बनता व संग्रहित होता है।

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7 The energy requirement of a 6-12 months old infant is \_\_\_\_\_ per day as per 2010 RDA.  
छः से बारह महीने के शिशु को 2010 के आर. डी. ए. के अनुसार प्रतिदिन \_\_\_\_\_ उर्जा की आवश्यकता होती है।

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8 Pepsin can digest protein at a pH of \_\_\_\_\_  
पेप्सीन द्वारा प्रोटीन का पाचन \_\_\_\_\_ pH पर होता है।

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9 The deficiency of \_\_\_\_\_ prolongs blood clotting time.  
\_\_\_\_\_ की कमी रक्त के थक्का जमने का समय बढा देती है।

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10 Green colored ring formed over the boiled egg is due to the formation of \_\_\_\_\_  
उबले अण्डे में हरे रंग की रिंग \_\_\_\_\_ के बनने से होती है।

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11 Body mass index is calculated by \_\_\_\_\_  
बोडी मास इण्डेक्स की गणना की जाती है \_\_\_\_\_ ।

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12 Caremalization of sugar starts at a temperature of \_\_\_\_\_  
\_\_\_\_\_ तापक्रम पर शक्कर का केरेमलाइजेशन प्रारंभ हो जाता है।

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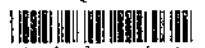
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16 A child who is aggressive and demonstrates a lack of responsibility is associated with \_\_\_\_\_

आक्रामक व जिम्मेवारी में कमी प्रदर्शित करने वाला बालक \_\_\_\_\_ से जुड़ा होता है।

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17 \_\_\_\_\_ is dividing mental age of a person by his chronological age and multiplying by one hundred.

\_\_\_\_\_ किसी भी व्यक्ति की मानसिक आयु को उसकी कालक्रम के अनुसार (वास्तविक) आयु से भाग देने और एक सौ से गुणा करना है।

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18 The scientific method to understand facts about children is \_\_\_\_\_

\_\_\_\_\_ बालकों की यथार्थता समझने का वैज्ञानिक तरीका है।

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19 Marriage is an \_\_\_\_\_  
विवाह एक \_\_\_\_\_ है।

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20 White blood cells formation takes place in \_\_\_\_\_  
श्वेत रक्त कणिकाओं का निर्माण \_\_\_\_\_ में होता है।

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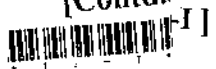






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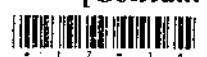
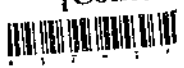
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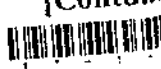
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