

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved]

නව නිර්දේශය/புதிய பாடத்திட்டம்/New Syllabus

NEW ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව
 இலங்கைப் பரீட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம்
 Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka

අධ්‍යයන පොදු සහතික පත්‍ර (උසස් පෙළ) විභාගය, 2020
 கல்விப் பொதுத் தராதரப் பத்திர (உயர் தர)ப் பரீட்சை, 2020
 General Certificate of Education (Adv. Level) Examination, 2020

ගෞරවික විද්‍යාව II
 மனைப் பொருளியல் II
 Home Economics II

28 E II

පැය තුනයි
 மூன்று மணித்தியாலம்
 Three hours

අමතර කියවීමේ කාලය - මිනිත්තු 10 යි
 மேலதிக வாசிப்பு நேரம் - 10 நிமிடங்கள்
 Additional Reading Time - 10 minutes

Use additional reading time to go through the question paper, select the questions you will answer and decide which of them you will prioritise.

Instructions:

* Answer six questions including question No. 1.

- What is meant by 'integration', which is a principle of design.
 - Name **two** physical tests done to detect the suitability of water.
 - Name a chemical test used to identify lipids and write briefly how it is done.
 - Mention **two** symptoms of Iodine deficiency.
 - Mention **two** types of knitting used in making knitted fabrics and give **one** example for each.
 - State **two** ways that could be taken to obtain a dark colour in batiks.
 - Mention **two** services that support the tourism industry and write a task fulfilled by each.
 - What is meant by bio diversity? Mention an advantage of it.
 - Write **two** groups of activities for active leisure and give an example each.
 - Write **two** facts that may cause inferiority complex in an adolescent. (02 × 10 marks)

(Total 20 marks)
- Define 'conformity' which should be considered in designing buildings and exterior environment. (02 marks)
 - Mention **four** points to be considered in selecting furniture for a house. (04 marks)
 - Explain the functioning and maintenance of the following household electrical appliances.
 - Electric iron • Blender (05 marks)
 - Explain the house-hold water supply system referring a sketch. (05 marks)

(Total 16 marks)
- Name **two** main types of fatty acids that can be classified according to their structure and provide an example for each of them. (03 marks)
 - Write **four** facts to be considered when introducing solid foods to a child from six months to one year. (04 marks)
 - Briefly write down the digestive process that happens in the stomach of a school child who consumed string hoppers, coconut sambal, a piece of fish with a glass of fruit juice for breakfast. (04 marks)
 - Plan a menu of a day for a person who is suffering from gastritis. (05 marks)

(Total 16 marks)

4. (i) Mention **two** types of food that have been preserved by using modified atmosphere packaging. (02 marks)
- (ii) State how case hardening happens in preserving foods and write down the steps to prevent that condition. (04 marks)
- (iii) Describe how fish is preserved by smoking. (04 marks)
- (iv) An entrepreneur intends to start a smoked fish production as a small scale business. Indicate the strategies to be followed in Good Management Practices (GMP) to maintain quality standards. (06 marks)
- (Total 16 marks)
5. (i) Give **three** solutions for the challenges which may arise in the apparel industry in Sri Lanka. (03 marks)
- (ii) Mention **three** different cutting tools used in garment industry and state how each of them work. (03 marks)
- (iii) Explain **four** qualities considered in fabric quality testing. (04 marks)
- (iv) Given below are the measurements required to sew and finish a table cloth for a round table.
 The diameter of the table - 120 cm
 The amount that falls-down from the edge of the table - 30 cm
- (a) Calculate the amount of fabric needed to cut and sew this table cloth and give a sketch for the same.
- (b) Write the steps to sew and finish a decorative lace ribbon around the edge of the table cloth. (06 marks)
- (Total 16 marks)
6. (i) What is meant by 'enhanced green house effect'? (02 marks)
- (ii) Describe how the climatic changes affect the agro-industry. (04 marks)
- (iii) Explain the features of alternative tourism. (04 marks)
- (iv) Discuss how tourism affects beneficially to the Sri Lankan socio-culture. (06 marks)
- (Total 16 marks)
7. (i) Write **three** biological factors affecting the personality development of an individual. (03 marks)
- (ii) Give **three** characteristics shown by adolescents in building social relationships. (03 marks)
- (iii) Explain the importance of mental health to the adolescent. (05 marks)
- (iv) 'Communication media may create problems in adolescents' review. (05 marks)
- (Total 16 marks)
8. Write short notes on **four** of the following topics.
- (i) The reasons for the humans to get involved in designing living environments.
- (ii) Importance of the National Nutrition Policy.
- (iii) Steps in the manufacturing process of yarn using staple yarn.
- (iv) The reasons for most tourists to resort to health tourism at present.
- (v) The important aspects for the development of a balanced personality. (04 × 4 marks)
- (Total 16 marks)