

**AGA KHAN UNIVERSITY EXAMINATION BOARD**

**SECONDARY SCHOOL CERTIFICATE**

**CLASS X**

**ANNUAL EXAMINATIONS 2022**

**Elements of Home Economics**

**Time: 1 hour 40 minutes    Marks: 50**

**INSTRUCTIONS**

1. Read each question carefully.
2. Answer the questions on the separate answer sheet provided. DO NOT write your answers on the question paper.
3. There are 100 answer numbers on the answer sheet. Use answer numbers 1 to 50 only.
4. In each question, there are four choices A, B, C, D. Choose ONE. On the answer grid, black out the circle for your choice with a pencil as shown below.

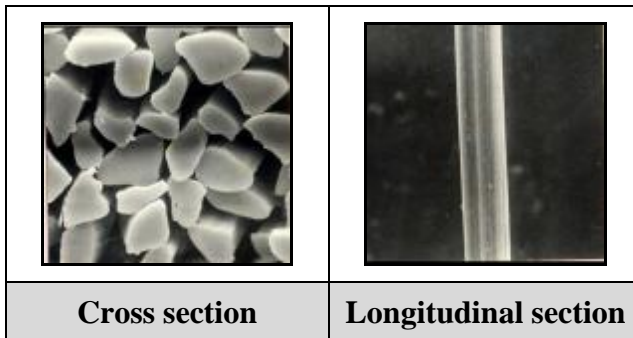
Correct Way		Incorrect Ways	
1	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D	1	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
		2	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D
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		4	<input type="radio"/> A <input type="radio"/> B <input checked="" type="radio"/> C <input type="radio"/> D

Candidate's Signature

5. If you want to change your answer, ERASE the first answer completely with a rubber, before blacking out a new circle.
6. DO NOT write anything in the answer grid. The computer only records what is in the circles.
7. The marks obtained on the 50 MCQs will be equated to the total marks of 75 for the theory examination results.

1. In Pakistan, people wear turbans to protect themselves from the heat. It is also a sign of
  - A. status.
  - B. wealth.
  - C. respect.
  - D. education.
  
2. Which of the following statements is FALSE about clothing?
  - A. It is used for covering oneself.
  - B. It provides beauty and fashion.
  - C. It is the manufacturing of fabrics.
  - D. It is used for warmth and decency.
  
3. For production of goods, a textile industry IDEALLY requires
  - A. high cost raw materials and high power consumption.
  - B. high cost raw materials and low power consumption.
  - C. low cost raw materials and high power consumption.
  - D. low cost raw materials and low power consumption.
  
4. Which of the following statements CORRECTLY describes the characteristics of nylon fibre?
  - A. It is soft and may form pills.
  - B. It is strong, light and usually dry cleaned.
  - C. It is easy to dye and shrinks slightly in the wash.
  - D. It is easy to dye and is washed at low temperatures.
  
5. A student has investigated a fibre under an electron microscope. He/ she observed the following structural features.
  - Fine pointed edges
  - Bamboo stick-like nodal joints
  - Multisided cylindrical filamentsBased on the given features, the fibre identified is
  - A. silk.
  - B. wool.
  - C. linen.
  - D. cotton.
  
6. Natural fibres are classified as hydrophilic fibres because they
  - A. absorb moisture.
  - B. are difficult to dye.
  - C. have water repellent groups.
  - D. develop static electricity charges.

7. A student has to identify the type of fibre on the basis of the given microscopic slides of cross and longitudinal sections.



The fibre identified is

- A. silk.  
B. wool.  
C. rayon.  
D. cotton.
8. A textile fibre that does NOT catch fire, but burns and melts is
- A. silk.  
B. linen.  
C. cotton.  
D. polyester.
9. The popular summer fabric used in Pakistan is
- A. lawn.  
B. linen.  
C. chiffon.  
D. khaddar.
10. Which of the following garments needs seasonal storage?
- A. Sports wear  
B. Baby clothes  
C. Wedding outfits  
D. Canvas sweaters

11. Sara has purchased a fancy bedding set. It has a tag with some laundering symbols as shown in the given image.



Analysing this laundering tag, Sara should

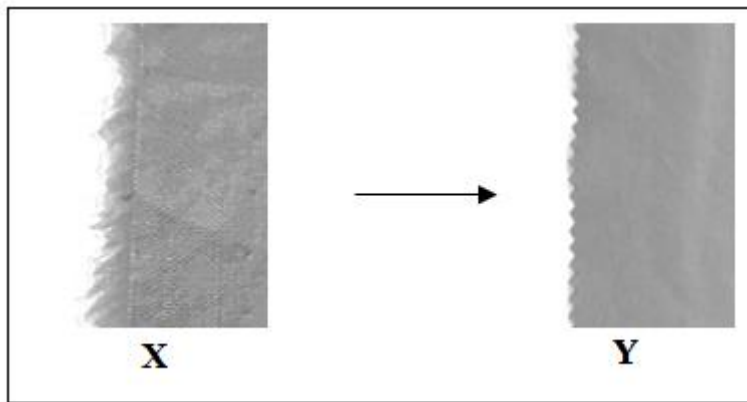
- A. dry clean the set without bleach.
  - B. machine wash the set with bleach.
  - C. hand wash and dry the set with hot iron.
  - D. use low tumble dry and a cool iron for the set.
12. Consider the following laundering symbol.



The bars under the circle indicate that the item

- A. must be tumble dried.
  - B. should not be dry cleaned.
  - C. should not be tumble dried.
  - D. must be dry cleaned with care.
13. For small measurements in tailoring, a small ruler is used. This ruler is known as a
- A. ring ruler.
  - B. yard stick.
  - C. sewing gauge.
  - D. tailor's square.

14. In the given image, **X** shows a piece of a fraying edged fabric. After applying some process on its edges, it transforms into **Y**.

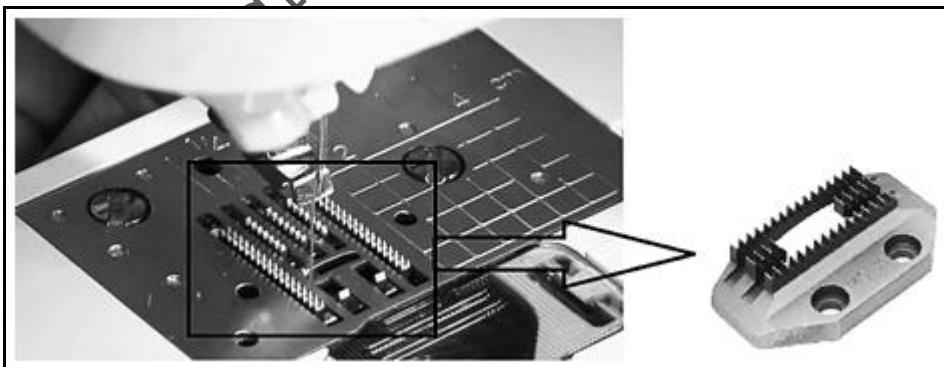


The cutting tool that is used to change the edges of the fabric is

- A. shears.
  - B. blades.
  - C. craft scissors.
  - D. pinking shears.
15. Read the following features of a sewing tool.
- A head anchors the seam allowance.
  - A tail keeps patterns of fabric together temporarily.

Based on the given features, the tool identified is a

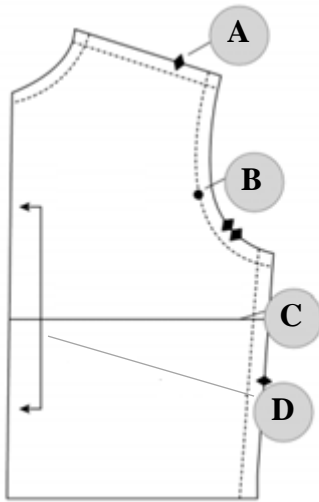
- A. pin.
  - B. needle.
  - C. clipper.
  - D. seam ripper.
16. The magnified part of a sewing machine that is shown in the given image is a



- A. feed dog.
- B. gas pedal.
- C. presser foot.
- D. handle wheel.

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17. In the given picture, the point that is used to align the folded edge of the fabric and should not be cut is labelled as



18. All of the following are closed seams EXCEPT

- A. welt seam.
- B. plain seam.
- C. French seam.
- D. flat-felled seam.

19. A stitch that is used to embellish the edge of an unhemmed and thick fabric is

- A. hem stitch.
- B. back stitch.
- C. blanket stitch.
- D. running stitch.

20. Consider the following features.

- It starts with a knot.
- It is the most basic hand sewing.
- It is used for gathering, mending and tucking.

The stitch identified from the given features is a

- A. hem stitch.
- B. back stitch.
- C. blanket stitch.
- D. running stitch.

21. A fabric **X** is used in luxurious upholstery due to the following properties.

- Very soft to touch
- Moisture absorbent
- No chemical cultivation
- Hypo-allergenic and anti-bacterial

Based on the given properties, the fabric **X** identified is

- A. velvet.
- B. bamboo.
- C. microfibre.
- D. faux leather.

22. A family member who can choose when and where to buy products is a/ an

- A. governor.
- B. purchaser.
- C. decision maker.
- D. information gatherer.

23. The term that exemplifies terminal value is

- A. equality.
- B. intellect.
- C. obedience.
- D. self-control.

24. Sarah only likes abstract paintings in art.

The type of value reflected in the given statement is

- A. moral.
- B. intrinsic.
- C. spiritual.
- D. functional.

25. In relation to goals, SMART stands for

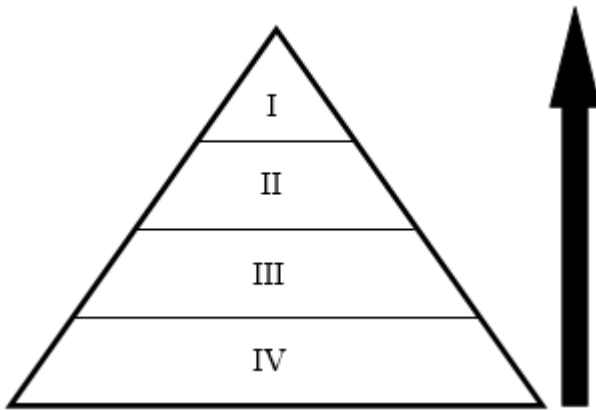
- A. Sentimental, Monetary, Annual, Realistic and Tedious.
- B. Specific, Measurable, Attainable, Relevant and Timely.
- C. Substantive, Memorable, Admirable, Regular and Temporary.
- D. Short-term, Motivational, Attractive, Recreational and Technical.

26. If a person has to stand for long periods of time as per the job requirement, then the BEST suitable standing position he/ she can have is to

- A. bend the waist forward as much as possible.
- B. keep the screen parallel to his/ her eyes.
- C. put both feet on a support at a time.
- D. keep the spine straight at all times.

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27. Long term goals are subdivided into lifetime and capstone, whereas short term goals are subdivided into foundational and provisional. If these goals are to be placed in a pyramid, then which of the following options shows the correct sequence of achieving organisational goals?



	I	II	III	IV
A	Provisional	Foundational	Capstone	Lifetime
B	Lifetime	Capstone	Foundational	Provisional
C	Foundational	Provisional	Lifetime	Capstone
D	Capstone	Lifetime	Provisional	Foundational

28. The following needs to be attained to become a successful homemaker.

- Sustaining a healthy family environment
- Ensuring physical and mental well-being of all the family members
- Showing respect, acknowledgment and appreciation of each other's differences

As per the given context, these would be regarded as

- A. goals.  
 B. beliefs.  
 C. desires.  
 D. principles.
29. A parameter or a scale that is set to compare the quality of a product is known as
- A. goal.  
 B. value.  
 C. standard.  
 D. management.



30. Which of the following attributes has a negative effect on time management?
- A. Holding back
  - B. Being efficient
  - C. Scheduling tasks
  - D. Removing distractions
31. The CORRECT order of planning that a head of family should follow to manage the time effectively is
- A. delegation → prioritising → making a to do list → scheduling → setting deadlines
  - B. setting deadlines → making a to do list → prioritising → delegation → scheduling
  - C. making a to do list → prioritising → delegation → scheduling → setting deadlines
  - D. prioritising → making a to do list → scheduling → setting deadlines → delegation
32. In contrast to art, design
- A. is a talent.
  - B. is an act of freedom.
  - C. adds beauty to the environment.
  - D. conveys a uniform message to everyone.
33. A scheme of three consecutive colours that gives a monochromatic effect on the colour wheel is considered as
- A. triadic colours.
  - B. primary colours.
  - C. analogous colours.
  - D. complimentary colours.
34. All of the following are the uses of art in a home EXCEPT that it makes the
- A. home lively.
  - B. home luxurious.
  - C. house chores easier.
  - D. house aesthetically pleasing.
35. Which of the following features indicates harmony by the repetition of elements?
- A. Contrast
  - B. Rhythm
  - C. Balance
  - D. Variety



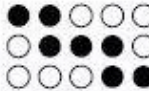

36. Consider the given autumn leaves wall art.



To enhance the serenity of autumn, the colour scheme used in this wall art must have

- A. cool colours.
  - B. neutral colours.
  - C. analogous colours.
  - D. complimentary colours.
37. Taha has selected a combination of cool and warm colour schemes to paint his room. He is unable to decide a neutral colour that can create a balance between them.
- In this situation, the BEST neutral colour that can go with two extreme colour temperatures will be
- A. white.
  - B. greige.
  - C. ash grey.
  - D. ash white.
38. To decorate a cosy bedroom for a girl in her teens, the complimentary colour scheme that will give it a comfortable feel and elegant look is
- A. gold and royal blue.
  - B. soft pink and purple.
  - C. viridian green and purple.
  - D. baby blue and pearly pink.
39. On a colour wheel, a complimentary colour scheme can be created by choosing
- A. one colour and the colour opposite it.
  - B. one colour to dominate its other two accents.
  - C. one colour in different tones, shades and tints.
  - D. one colour with two other colours equally spaced.

40. The symbol that represents emphasis (principle of design) is

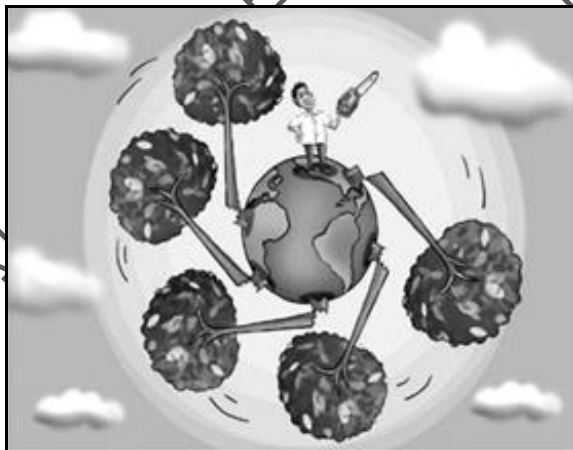
	Symbol
A	
B	
C	
D	

41. A company has hired a designer to create their company's logo that should be united and harmonious in look.

To create the logo, the BEST suited colour scheme to meet the demands of the company would be

- A. tetradic.
- B. analogous.
- C. complimentary.
- D. split complimentary.

42. Consider the following artwork.



The artwork gives an awareness of

- A. global warming.
- B. eutrophication.
- C. deforestation.
- D. acid rain.

43. Rania has prepared beef steak with some fried vegetables and mashed potatoes. She has to present the food by visualising the plate as the face of a clock.

According to the plating rule, she should present

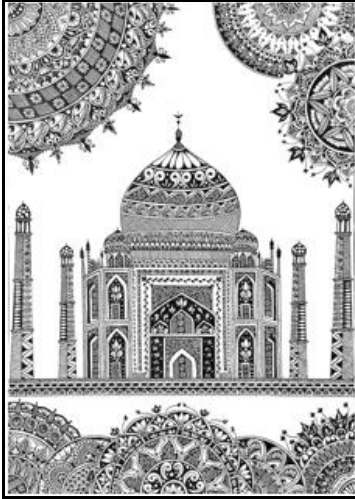
	<b>Beef Steak</b>	<b>Fried Vegetables</b>	<b>Mashed Potatoes</b>
A	from 3 to 9	from 12 to 3	from 9 to 12
B	from 12 to 3	from 3 to 9	from 9 to 12
C	from 9 to 12	from 3 to 9	from 12 to 3
D	from 3 to 9	from 9 to 12	from 12 to 3

44. When buying food in a restaurant, people get attracted to deals which offer full plates. However, according to the rules of plating, a good plate should be covered with food in the ratio of
- one-third.
  - two-third.
  - fifty-fifty.
  - one-fourth.
45. Fine dining restaurants commonly use oversized plates for main courses as well as appetizers. This is because the method caters to all of the following features EXCEPT
- providing negative space that frames the items.
  - preventing overcrowding and overflowing of food.
  - making food portions appear greater to the customers.
  - bringing out the colours and characteristics of the food.
46. The element of the dish that provides colour, luster and flavour is
- a citrus fruit.
  - a creamy sauce.
  - garnishing leaves.
  - sautéed vegetables.
47. Sana has prepared a dish for dinner. She needs to add some supporting elements that can give the food vibrant colours, accents and height.
- The supporting elements that she can use in her dish is/ are
- pasta.
  - purée.
  - sauces.
  - vegetables.

48. While plating a food, sauces and purées are generally used to create

- A. trios.
- B. lines.
- C. angles.
- D. curves.

49. Consider the given drawing.



The drawing represents all of the following types of art EXCEPT

- A. mural art.
- B. graffiti art.
- C. mandala art.
- D. doodling art.

50. The given artwork is created by Affan Tariq on a street of Karachi.



Through this artwork, Affan has conveyed the message of

- A. wearing cultural outfits.
- B. decorating walls of the city.
- C. maintaining social distancing.
- D. celebrating religious festivals with zeal.

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