3 (Sem–1/CBCS) HSC HC 1

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–1016

***[(Human Development-I)
The Childhood Years]***

Full Marks : 60

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1.   Write true **or** false for the following statements :   1×7=7

   (a)   Development is a quantitative change.

   (b)   Environment influence the growth and development of an individual.

   (c)   The period of zygote extends from conception of two weeks.

(d) Children of early childhood period are egocentric.

(e) The average length of a baby at birth is 80*cm*.

(f) Late childhood is also known as elementary school age.

(g) The first fifteen minutes after birth is referred to as neonate.

2. Answer the following questions briefly : 2×4=8

(i) Write about the concept of Human Development.

(ii) Define growth.

(iii) Mention the hazards during the period of zygote.

(iv) Mention *two* gross motor skills of early childhood.

3. Write short notes on the following : *(any three)* 5×3=15

(a) The factors affecting growth and development

(b) Adjustment to postnatal life

(c) Characteristics of babyhood emotions

(d) Social development during early childhood

(e) Characteristics of cognitive development during the late childhood period

4. Answer the following questions : 10×3=30

(i) Mention the principles of growth and development and explain *any two* principles. 6+4=10

(ii) What is motor development? Explain the important aspects in learning motor skills. 2+8=10

(iii) What is prenatal development? Explain in brief the factors affecting prenatal development. 2+8=10

(iv) What is breast feeding? Write about the advantages of breast feeding. 2+8=10

(v) What is the early childhood period? Write about the common emotions of the early childhood period. 2+8=10

(vi) Why is late childhood known as the gang age? Write about the characteristics of the late childhood period. 2+8=10

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3 (Sem–1/CBCS) HSC HC 2

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–1026

(Food and Nutrition)

Full Marks : 60

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1. Write True **or** False against the following
   statement :   1×7=7

   (a) 'Niacin' is a fat soluble vitamin.

   (b) Green leafy vegetables contains more
       iron as compared to citrus fruits.

   (c) Fermentation increases vitamin B_{12}
       content of food.

(d) Homogenization of milk is done to improve the shelf life of a milk.

(e) Iron in meat is called 'Non-haem' iron.

(f) Lathyrism is caused due to toxin present in pulses.

(g) Microwave cooking retain more nutrients as compared to other methods of cooking.

2. Answer the following in brief :   2×4=8

(a) Define Food.

(b) What is optimum nutrition ?

(c) Define pasteurization.

(d) What is rigor mortis ?

3. Write short notes on **any three** of the following :
                              5×3=15

(a) Relationship between Food, Nutrition and Health

(b) Fermentation of food

(c) Dry heat methods of cooking

(d) Types of beverages

(e) Processing of pulses

4. Answer **any three** of the following :

   10×3=30

   (a) Write the function, dietary sources and clinical manifestation of vitamin-A and vitamin-D deficiency.

   (b) Write the function dietary sources and clinical manifestation of iron and calcium deficiency.

   (c) Classify protein. Write the function of protein in detail.   5+5=10

   (d) Write the composition and nutritive value of cereals. Write the advantages of parboiled rice.   3+3+4=10

   (e) Discuss the ICMR basic food groups. Write about the nutritional contribution of fruits and vegetables.   4+3+3=10

   (f) Discuss the methods of nutrient enhancement through different cooking methods.

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3 (Sem–2/CBCS) HSC HC 2

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–2026

(Resource Management)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Write True **or** False against each statement :   1×7=7

    (a) Money is a human resource.

    (b) Evaluation is the first step of management process.

    (c) Budget helps in saving money for unforeseen emergencies.

    (d) Stages of family life cycle influence in making family decision.

(e) Resources are not interchangeable.

(f) Wage is an example of psychic income.

(g) Calorie is a unit of energy.

2. Answer in brief : 2×4=8

(a) Define management.

(b) Name *two* motivation theories.

(c) What is the ethics in management ?

(d) What is decision-making ?

3. Write on the following : *(any three)*

5×3=15

(a) Characteristics of resources

(b) Approaches in management

(c) Resource conservation

(d) Importance of budget making

(e) Steps in decision-making

4. Answer the following : *(any three)*

$10 \times 3 = 30$

(a) What is resource ? Discuss about the classification of resources. $2+8=10$

(b) Explain the steps of management process.

(c) Discuss the universality and scope of management. $5+5=10$

(d) Explain Maslow's theory of motivation.

(e) What do you understand by time plan ? Explain the steps of making time plan. $2+8=10$

(f) What is work simplification ? Explain the techniques of work simplification. $2+8=10$

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3 (Sem–3/CBCS) HSC HC 1

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–3016

(Introduction to Textiles)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Put tick (✓) marks against the correct answer : 1×7=7

   (i) Fabric can be constructed by

      (a) weaving

      (b) netting

      (c) knitting

      (d) All of the above

(ii) Knitted fabric are used for sportswears because of :

    (a) easy air passage

    (b) close snug fit

    (c) freedom of movement

    (d) All of the above.

(iii) Fabric produced by interlacing of yarn at right angle

    (a) knitting

    (b) braiding

    (c) weaving

    (d) felting

(iv) The actual procedure of placing the filling yarn into the shed is

    (a) picking

    (b) beating

    (c) shedding

    (d) None of the above

(v) In knitting, the column of loops that are parallel to the loop axis is —

    (a) wale

    (b) course

    (c) fitting

    (d) All of the above

(vi) Alternate interlacing of warp and filling yarn is —

    (a) twill weave

    (b) satin weave

    (e) sateen weave

    (d) plain weave

(vii) The only natural fiber which contains sulphur is —

    (a) cotton

    (b) silk

    (c) wool

    (d) jute

2. Answer the following questions in brief : 2×4=8

    (a) How does knitted fabric differ from that of woven fabric ?

    (b) What is warp knitting ?

    (c) Write the difference between water proof and water repellent fabric.

    (d) Mention the names of the silk available in North-Eastern India.

3. Write **any three** of the following questions : 5×3=15

    (a) What are the aims and objectives of giving finishes to a fabric ?

    (b) Which fiber fabric is most suitable for infant (baby) wear and why ? 1+4=5

(c) What is weave ? What are the different basic weaves ? Explain in brief with graphic representation.   1+1+3=5

(d) Write a short note on non-woven fabric.

(e) Write the primary and secondary properties of textile fibers.

4. Answer **any three** of the following questions :   10×3=30

(a) Write the different parts of a loom with a neat diagram and describe the operations and motions of the loom.   6+4=10

(b) How can you classify textile fibers ? Explain with a flow chart.

(c) Classify the textile finishes and write short notes on *any two* of them.   2+4+4=10

(d) What is the difference between dyeing and printing ? What are the different types of printing ? Explain *any two* of them.   2+2+3+3=10

(e) What is the chief constituent of the wool fiber ? Classify wool fiber according to its fleece.   1+9=10

(f) What do you mean by yarn ? Describe the method of yarn making.   2+4+4=10

3 (Sem–3/CBCS) HSC HC 2

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–3026

(Communication Systems and Mass Media)

Full Marks : 60

Time : Three hours

. The figures in the margin indicate full marks for the questions.

1. Fill in the blanks with appropriate words :

    1×7=7

    (a) _____ means representation of language in written symbols.

    (b) Dictation is a form of _____ communication.

    (c) e-magazine is a type of _____ media.

(d) According to _____ theory, _____ is the message.

(e) In _____ stage of intercultural communication, people adopt the culture of other community.

(f) Meeting is a technique of _____ communication.

2. Answer the following questions in brief: 2×4=8

(a) What do you mean by self-esteem?

(b) What is Johari window?

(c) Write *four* characteristics of print media.

(d) What do you mean by cultivation theory?

3. Answer the following questions: *(any three)* 3×5=15

(a) Write a note on techniques of public communication.

(b) Discuss the role of ICT in development.

(c) Explain different interpreting skills used for communication.

(d) How many quadrants are there in Johari window ? Discuss in detail.

(e) Write a note on importance of mass media in communication.

4. Answer the following questions in details :
   (any three) 10×3=30

(a) What is television ? What are the characteristics of television ? Discuss the role of television in the society.
   2+4+4=10

(b) "Culture and Communication are related to each other." Explain.

(c) Describe *any three* theories of mass communication.

(d) What is meant by awareness of self in communication ? Describe *any six* principles to be considered while communicating with the use of written materials/items.
   2+8=10

(e) What is mass communication? Describe in detail about different functions of mass communication.

2+8=10

(f) What is print media? What are the different types of print media? Write *any four* characteristics of print media.

2+4+4=10

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3 (Sem–3/CBCS) HSC HC 3

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–3036

(Personal Finance and Consumer Studies)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. State whether the following statements are True **or** False :   1×7=7

   (a) Money income is the flow of goods and services to the family.

   (b) Per capita income is the measure of the amounts of money earned per person in a geographic area.

   (c) Saving is done for National Development.

(d) Bank is an organised financial institution.

(e) Budget helps in conscious decision-making.

(f) AGMARK was passed in the year 1955.

(g) Eco mark is given to cosmetics and textiles.

2. Write brief answers of the following :
$2 \times 4 = 8$

(i) *Two* advantages of saving.

(ii) *Two* principles of investment.

(iii) Define surplus budget.

(iv) Mention *two* duties of a consumer.

3. Write short notes on : *(any three)*
$5 \times 3 = 15$

(a) Different ways of supplementing family income

(b) Credit

(c) Importance of planning budget

(f) Write notes on : 5+5=10

    (a) Public Distribution System (PDS)

    (b) Kendriya Bhandars

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3 (Sem–4/CBCS) HSC HC 1

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–4016

[(Human Development–II)
Development in Adolescence
and Adulthood]

Full Marks : 60

Time : Three hours

The figures in the margin indicate
full marks for the questions.

1. State whether the following statements are
   *True **or** False* :   1×7=7

   (a) The growth and development of the sex
   organs is known as secondary sex
   characteristics.

   (b) Attainment of puberty brings
   attainment of reproductive capacity.

(c) Concrete operational stage is the stage of cognitive development in adolescence.

(d) Speaking and listening skills involve fluency in oral communication.

(e) The vocabulary during the adolescent stage is about 80,000 words.

(f) Authoritative parenting is also known as democratic parenting.

(g) Marrying within one's own community is known as endogamy.

2. Answer briefly :   2×4=8

(a) Mention *any two* nutrition-related problems during adolescence.

(b) Mention *two* areas of moral development during adolescence.

(c) Write *any two* developmental tasks of adulthood.

(d) Define adulthood.

3. Give short answers to the following : *(any three)*
                                          5×3=15

(i) Write about the role of peers in the socio-emotional development of adolescence.

(ii) Give an account on the language development during adolescence.

(iii) What are the physiological changes that come about during late adulthood ?

(iv) Give a brief account on the contemporary trends of marriage.

(v) Give a description of the changing roles of men and women in the present-day family structure.

4. Answer **any three** questions from the following :   10×3=30

(a) Define adolescence. Explain briefly the developmental tasks of adolescence.

                                                              2+8=10

(b) Give an account on the effect of media on adolescence.

(c) Explain the different areas of cognitive development of adolescence.

(d) Mention the different parenting styles. Explain *any two* styles in detail.

                                                              4+6=10

(e) What are the physical changes that are seen during the middle adulthood stage ? Explain.

(f) Define marriage. Explain the functions of marriage. 2+8=10

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3 (Sem–4/CBCS) HSC HC 3

2023

HOME SCIENCE

(Honours Core)

Paper : HSC–HC–4036

(Fashion Design Concept)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Choose the correct answer :   1×7=7

   (a) _____ seam is ideal for thin and fraying fabric.

   (i) French

   (ii) Plain

   (iii) Both of the above

   (iv) None of the above

(b) A line in a dress can be formed by

    (i) parts

    (ii) tucks

    (iii) pleats

    (iv) All of the above

(c) Feel and appearance of any surface is

    (i) line

    (ii) texture

    (iii) shape

    (iv) All of the above

(d) Principle of design does not include

    (i) balance

    (ii) texture

    (iii) radiation

    (iv) rhythm

(e) A fashion which lasts for a very short period is

    (i) classic

    (ii) fad

    (iii) high fashion

    (iv) trend

(f) When black colour is added to a hue it is called

(i) shade

(ii) tint

(iii) tone

(iv) value

(g) In _____ pocket, only the opening is visible on the front side of the garment and the functional pouch is hidden inside the garment.

(i) patch

(ii) slit

(iii) ruffle

(iv) None of the above

2. Answer the following in brief : 2×4=8

(i) What do you understand by the word 'clothing' ?

(ii) Mention *any four* colour schemes.

(iii) What are the factors which affect fashion ?

(iv) Name the different types of yokes.

3. Answer *any three* of the following questions : 5×3=15

(i) Write the role of a fashion designer.

(ii) What are conformity and individuality ?

(iii) What are sleeves ? Name *four* different sleeves with diagram. 1+4=5

(iv) What is balance in fashion design ? Explain the different types of balance with diagram. 1+4=5

(v) What are the different ways of finishing necklines ?

4. Answer *any three* of the following questions : 10×3=30

(i) With the help of neat diagram explain the structural and applied designing fashion.

(ii) Explain the different stages in fashion cycle.

(iii) How can the use of the elements of design-line and colour help to improve the personality of a person ? Explain with diagram, if required. 5+5=10

(iv) What are the different sources of fashion inspiration ?

(v) Write in brief about *two* leading fashion designers of India.

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