SUBJECT CODE - 07
Home Science

समय : 3.00 घंटे
Time : 3.00 Hours

INSTRUCTIONS FOR CANDIDATES

1. Answer all questions.
2. All questions carry equal marks.
3. Only one answer is to be given for each question.
4. If more than one answer is marked, it would be treated as wrong answer.
5. Each question has four alternative responses marked serially as 1, 2, 3, 4. You have to darken only one circle or bubble indicating the correct answer on the Answer Sheet using BLUE BALL POINT PEN.
6. The OMR Answer Sheet is inside this Test Booklet. When you are directed to open the Test Booklet, take out the Answer Sheet and fill in the particulars carefully with blue ball point pen only.
7. 1/3 part of the mark(s) of each question will be deducted for each wrong answer. (A wrong answer means an incorrect answer or more than one answers for any question. Leaving all the relevant circles or bubbles of any question blank will not be considered as wrong answer.)
8. The candidate should ensure that Question Paper Booklet No. of the Question Paper Booklet and Answer Sheet must be same after opening the polythene bag/ seal. In case they are different, a candidate must obtain another Question Paper. Candidate himself shall be responsible for ensuring this.
9. Mobile Phone or any other electronic gadget in the examination hall is strictly prohibited. A candidate found with any of such objectionable material with him/her will be strictly dealt as per rules.
10. Please correctly fill your Roll Number in O.M.R. Sheet. 5 Marks can be deducted for filling wrong or incomplete Roll Number.
11. If there is any sort of ambiguity/mistake either of printing or factual nature then out of Hindi and English Version of the question, the English Version will be treated as standard.

Warning: If a candidate is found copying or if any unauthorized material is found in his/her possession, F.I.R. would be lodged against him/her in the Police Station and he/she would liable to be prosecuted. Department may also debar him/her permanently from all future examinations.

Do not open this Test Booklet until you are asked to do so.
1. A home scientist cannot become
   (1) Chef
   (2) Dietician
   (3) Fashion designer
   (4) Physicist

2. It is not the basic area of Home Science
   (1) Child care and development
   (2) Foods & Nutrition
   (3) Physical education
   (4) Textiles & clothing

3. Match List – I with List – II and select the correct answer by using the codes given below the lists:

| List – I       | List – II
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>A. Cereals</td>
<td>1. Vitamins &amp; minerals</td>
</tr>
<tr>
<td>B. Pulses</td>
<td>2. Carbohydrates</td>
</tr>
<tr>
<td>C. Vegetables &amp; Fruits</td>
<td>3. Calories</td>
</tr>
<tr>
<td>D. Oils</td>
<td>4. Protein</td>
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</tbody>
</table>

Codes:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
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<tr>
<td>(1)</td>
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<td>(4)</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
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</tbody>
</table>

4. Intake of _____ prevents constipation.
   (1) Junk food
   (2) Fried foods
   (3) Roughage
   (4) Refined cereals
5. Process of tissue breakdown is called
   (1) Catabolism
   (2) Anabolism
   (3) Synthesis
   (4) Regeneration

6. Cereal are deficient in amino acid
   (1) Methionine
   (2) Lysine
   (3) Valine
   (4) Tyrosine

7. Milling, polishing and refining of cereals mainly destroy vitamin -
   (1) A
   (2) B
   (3) C
   (4) D

8. Cooking method in which food is exposed directly to high heat is :
   (1) Grilling
   (2) Roasting
   (3) Baking
   (4) Steaming

9. Idli is prepared using cooking method
   (1) Boiling
   (2) Parboiling
   (3) Direct steaming
   (4) Indirect steaming

10. Intake of iodine protects against
    (1) Anaemia
    (2) Scurvy
    (3) Fluorosis
    (4) Goitre
11. Sugar turns brown in colour when subjected to heat due to
   (1) Caramelize
   (2) Dextrinize
   (3) Gelatinize
   (4) Coagulation

12. High biological value protein is present in
   (1) Pulses & legumes
   (2) Egg & meat
   (3) Cereals & millets
   (4) Vegetables & fruits

13. Time is a valuable _____ resource.
    (1) Inherent
    (2) Acquired
    (3) Human
    (4) Non-human

14. Resources are
    (1) Limited
    (2) Unlimited
    (3) Always used singly
    (4) Easily available

15. Real income is also called as _____ income.
    (1) Direct
    (2) Money
    (3) Psychic
    (4) Total
16. ____ grow out of human interests and desires.
   (1) Goal
   (2) Standards
   (3) Values
   (4) Attitude

17. Scale used for comparison is
   (1) Value    (2) Standard
   (3) Goal     (4) Attitude

18. A good budget is
   (1) Flexible
   (2) Inflexible
   (3) Idealistic
   (4) Unrealistic

19. Which of the following comes under the category of compulsory savings?
   (1) Deposits in bank
   (2) Insurance policy
   (3) Public provident fund scheme
   (4) Employees provident fund scheme

20. Returns that one gets from shares is in the form of
   (1) Interest    (2) Dividend
   (3) Rent        (4) Services
21. Silk is a _____ fibre.
(1) Cellulose
(2) Mineral
(3) Protein
(4) Metal

22. Fibre that is good conductor of heat is
(1) Silk
(2) Wool
(3) Nylon
(4) Cotton

23. Fibre that has low moisture absorption property is
(1) Nylon
(2) Cotton
(3) Silk
(4) Wool

24. Wool is made of protein called
(1) Fibroin
(2) Keratin
(3) Albumin
(4) Globulin

25. Yarns made of short fibres are known as
(1) filament yarns
(2) staple yarns
(3) simple yarns
(4) fancy yarns
26. Method of fabric construction is called
   (1) Weaving
   (2) Spinning
   (3) Carding
   (4) Combing

27. Denim is made using
   (1) Plain weave
   (2) Satin weave
   (3) Twill weave
   (4) Sateen weave

28. Which one is man-made cellulosic fibre?
   (1) Nylon
   (2) Polyester
   (3) Acrylic
   (4) Acetate

29. Which one is the patterned weave?
   (1) Plain weave
   (2) Twill weave
   (3) Satin weave
   (4) Dobby weave

30. Fibre used for making sports-wear
   (1) Spandex
   (2) Glass
   (3) Metallic
   (4) Carbon
31. Prenatal period is
(1) From conception to birth
(2) First 30 days from birth
(3) From 30 days to 2 years
(4) From 2 years to 6 years

32. An infant’s weight becomes ______ times of birth weight by the time she/he is one year old.
(1) Two (2) Three
(3) Four (4) Five

33. An infant’s (6-12 months) normal heart rate is
(1) 70-100 per minute
(2) 100-160 per minute
(3) 80-140 per minute
(4) 50-80 per minute

34. Increase in body dimensions means
(1) Growth
(2) Development
(3) Both (1) and (2)
(4) Anthropometry

35. The child who uses both hands is called
(1) Right handed
(2) Left handed
(3) Ambidextrous
(4) Extrovert
36. संदूर बुद्धि वालकों की बुद्धि लक्ष्य (IQ) से कम होती है।
(1) 120  (2) 100  (3) 80  (4) 70

37. एक शिशु चुटने के बल चलना जिस आदु में प्रारम्भ करता है, वह है
(1) 3-5 महीने  (2) 7-9 महीने  (3) 10-12 महीने  (4) 1 वर्ष के बाद

38. ICDS परियोजना जिस वर्ष में प्रारंभ की गई, वह है
(1) 1974  (2) 1975  (3) 1976  (4) 1977

39. रक्तस्राव को रोकने वाला विटामिन है
(1) A (ए)  (2) D (डी)  (3) E (ई)  (4) K (के)

40. फॉलिक एसिड की कमी से होने वाले अनीमिया को कहते हैं
(1) माइक्रोसाइटिक अनीमिया  (2) परनीसिपल अनीमिया  (3) मेगालोब्लास्टिक अनीमिया  (4) माइक्रोसाइटिक हाइपोक्रोमिक अनीमिया
41. The periodicity of the menstrual cycle averages
   (1) 20 days
   (2) 28 days
   (3) 30 days
   (4) 31 days

42. In India, most common nutritional deficiency disease is
   (1) Energy protein malnutrition
   (2) Calcium deficiency
   (3) Phosphorus deficiency
   (4) Vitamin C deficiency

43. Average weight of healthy new born baby is around
   (1) 2.0 kg
   (2) 2.5 kg
   (3) 2.8 kg
   (4) 3.2 kg

44. Exclusive breast feeding is done till _____ months from birth of infant.
   (1) 3
   (2) 5
   (3) 6
   (4) 8

45. One calorie is equal to _____ joules.
   (1) 2.184
   (2) 3.184
   (3) 4.184
   (4) 5.184
46. Addition of one or more essential nutrients to a food is known as
   (1) Fortification
   (2) Supplementation
   (3) Enrichment
   (4) Adulteration

47. Oil is fortified with
   (1) Vitamin B₁
   (2) Vitamin B₂
   (3) Vitamin C
   (4) Vitamin A

48. What does this symbol indicate?
   (1) Do not iron
   (2) Do not bleach
   (3) Tumble dry
   (4) Wash in cold water

49. Balance and rhythm are
   (1) Basic arrangement
   (2) Elements of art
   (3) Principles of design
   (4) Components of interior design

50. Complementary colour scheme is made up of 2 colours that are
   (1) Adjacent to each other
   (2) At a triangle
   (3) Equally spaced on colour wheel
   (4) Opposite to each other
51. नीला रंग प्राप्त होता है
   (1) प्रेम/प्यार का
   (2) पीलत का
   (3) वफादारी का
   (4) साहस का

52. ऊन में से गन्धी निकालने के लिये प्रयोग में आने वाली प्रक्रिया है
   (1) स्क्रॉउंडरिंग (मैग्नेट)
   (2) सिस्टिंग (हूलसाना)
   (3) चर्मसाफरिंग
   (4) टेंटिंग

53. कपड़े की सतह पर जो तत्त्वों के छोर उभर आते हैं, उन्हें जलाने की विधि को कहते हैं
   (1) कांडिंग (कंडी करना)
   (2) सिस्टिंग (हूलसाना)
   (3) कांबंशाफिंग
   (4) सोंटिंग (डेटा करना)

54. बड़े स्तर पर कपड़े को प्रेस (दबाव डालना) करना कहलाता है
   (1) कोलिंग
   (2) केलंडरिंग
   (3) बायोपोलिशिंग
   (4) क्रॉबिंग

55. यह बंगाल का बुना हुआ कपड़ा है
   (1) ब्रोकेड
   (2) कांजीवरम
   (3) पैयानी
   (4) जामदानी
56. एक वैकल्पिक का तैयार निचला किनारा है।
   (1) फेसिंग   (2) लाइनिंग
   (3) हेम       (4) डार्ट

57. यह सिलाई निसर्ग में बढ़ा कच्चा ढंका दो या तीन फाइट कपड़ों के दोनों को जोड़कर रखे, उसे कहते हैं।
   (1) स्टैंडर्ड सिलाई
   (2) बैक सिलाई
   (3) जिज्जाजी निचला
   (4) बॉस्टिंग

58. सीवन जिसका रोलाइल बिना निचले किनारों को छुपाने के लिए किया जाए, वह है:
   (1) फ्रेंच सीवन
   (2) फ्लेट-फेल्ड सीवन
   (3) डबल सीवन
   (4) टॉप सीवन

59. सिलाई के विकल्प परिवर्तन का फुल्लेस को निर्माणित करते हैं और उसे आकार देते हैं।
   (1) सीवन
   (2) डार्टस्
   (3) फेसिंग
   (4) लाइनिंग (अस्तर)

60. पंजाब का कढ़ाई करा हुआ कपड़ा है.
   (1) चिकनकारी
   (2) फुलकारी
   (3) कांवा
   (4) कसूती

56. ____ is a finished bottom edge of a garment.
   (1) Facing       (2) Lining
   (3) Hem         (4) Dart

57. Large running stitch that holds loosely two or more fabric pieces together is known as
   (1) Standard stitching
   (2) Back stitching
   (3) Zigzag stitching
   (4) Basting

58. Seam used to hide all raw edges
   (1) French seam
   (2) Flat – felled seam
   (3) Double seam
   (4) Top seam

59. ____ are designed to control fullness and give shape to clothing.
   (1) Seams
   (2) Darts
   (3) Facings
   (4) Linings

60. Embroidered cloth of Punjab is
   (1) Chikankari
   (2) Phulkari
   (3) Kantha
   (4) Kasuti
61. Deformation of the jaw, teeth or lips causes
   (1) Stuttering
   (2) Stammering
   (3) Cluttering
   (4) Lisping

62. Fear related emotion is
   (1) Shyness
   (2) Joy
   (3) Affection
   (4) Curiosity

63. Handwriting problem is known as
   (1) Apraxia
   (2) Dysgraphia
   (3) Dysprosody
   (4) Autism

64. Yellow thick liquid secreted from breast for 2-3 days after delivery is
   (1) Milk
   (2) Steroid
   (3) Cholesterol
   (4) Colostrum

65. Immunization for measles is done at the age of
   (1) Immediately after birth
   (2) 5 months
   (3) 9 months
   (4) 12 months
66. BCG vaccine is administered at the age of
   (1) Immediately after birth
   (2) after 3 months
   (3) after 5 months
   (4) after 6 months

67. National Institute for the visually 
    handicapped is situated at
   (1) Delhi
   (2) Dehradun
   (3) Mumbai
   (4) Kolkata

68. World AIDS day is on
   (1) 24th March
   (2) 16th October
   (3) 1st December
   (4) 24th December

69. International women’s day is on
   (1) 2nd February
   (2) 8th March
   (3) 14th April
   (4) 6th May

70. Phytochemical present in turmeric is
   (1) Polyphenols
   (2) Iso flavonoids
   (3) flavonoids
   (4) Curcumin
71. Diet recommended in diarrhoea is
   (1) low in fibre
   (2) high in fibre
   (3) protein rich
   (4) fat rich

72. _____ should be included in an obese person’s diet.
   (1) Garlic bread
   (2) Banana pudding
   (3) Macaroni salad
   (4) Vegetable salad

73. Pigment present in beetroot is
   (1) Anthoxanthin
   (2) Betalains
   (3) Lycopene
   (4) Chlorophyll

74. HTST method of milk pasteurization is carried at
   (1) 63 °C for 30 minutes
   (2) 100 °C for 1 second
   (3) 89 °C for 10 seconds
   (4) 72 °C for 15 seconds

75. Browning of chappati is a classic example of
   (1) Gelatinization
   (2) Caramelization
   (3) Dextrinization
   (4) Fermentation
76. Enzyme present in saliva is
   (1) Maltase
   (2) Amylase
   (3) Sucrase
   (4) Lactase

77. Best source of MUFA is
   (1) Soya oil
   (2) Groundnut oil
   (3) Coconut oil
   (4) Corn oil

78. As per ICMR, 2010 RDA for zinc for an adult man is
   (1) 12 mg/day
   (2) 14 mg/day
   (3) 16 mg/day
   (4) 20 mg/day

79. It is an antioxidant
   (1) Thiamine
   (2) Vitamin B12
   (3) Vitamin E
   (4) Vitamin K

80. Corneal xerosis is a clinical sign of __________ deficiency.
   (1) Vitamin A
   (2) Vitamin B
   (3) Vitamin C
   (4) Vitamin D
81. The most heat labile vitamin is
   (1) Vitamin A
   (2) β-carotene
   (3) Vitamin C
   (4) Vitamin E

82. _______ is used in making bread.
   (1) Bacteria
   (2) Fungi
   (3) Yeast
   (4) Mould

83. Tempe is made from
   (1) Chickpea
   (2) Soyabean
   (3) Kidney beans
   (4) Cow pea

84. Adulterant found in Chilli powder is
   (1) Chicory
   (2) Chalk powder
   (3) Tamarind powder
   (4) Brick powder

85. Kesari dal is added to _______ as an adulterant.
   (1) Arhar dal (Red gram dal)
   (2) Maida (Refined flour)
   (3) Dalia (Broken wheat / porridge)
   (4) Moongphali (Ground nut)
86. The milk is adulterated with
   (1) Argemone oil
   (2) Chalk powder
   (3) Starch
   (4) Talcum powder

87. When HCl acid is added with sugar in melted ghee, the colour changes to
    _____ indicating presence of vanaspati ghee.
    (1) Blue
    (2) Crimson (red)
    (3) Green
    (4) Black

88. Percentage of water in adult human body is _____.
    (1) 50 – 60
    (2) 60 – 70
    (3) 70 – 80
    (4) 80 – 85

89. Carbohydrates provide about _____ percent of total energy in an individual’s normal diet.
    (1) 15%
    (2) 20%
    (3) 40%
    (4) 60%

90. World’s largest school feeding programme is
    (1) ICDS
    (2) Supplementary feeding programme
    (3) Mid-day meal programme
    (4) Nutritious meal programme
91. Technique used to measure physical dimensions of human body is
   (1) Anthropometry
   (2) Clinical method
   (3) Biochemical method
   (4) Dietary survey

92. Consumer complaints which can be dealt at district level should cover the amount
   (1) upto 10 lakh
   (2) upto 20 lakh
   (3) upto 5 lakh
   (4) upto 15 lakh

93. Which of the following is not a financial institution?
   (1) Bank
   (2) LIC
   (3) Money lender
   (4) Co-operative society

94. To give height to the room one should use
   (1) vertical lines on the wall
   (2) horizontal stripes on the wall
   (3) advancing colours
   (4) long curtains

95. A letter which is reproduced and sent with same information to many people is
   (1) Pamphlet
   (2) Leaflet
   (3) Personal letter
   (4) Circular
96. In communication the understanding and comprehension of the message is called
   (1) Encoding
   (2) Decoding
   (3) Perceiving
   (4) Conveying

97. Desirable level of total blood cholesterol is
   (1) < 200 mg / dl
   (2) 200 - 240 mg / dl
   (3) 240 - 300 mg / dl
   (4) > 300 mg / dl

98. ___ is a clinical symptom of diabetes.
   (1) Oliguria
   (2) Proteinuria
   (3) Haematuria
   (4) Polyuria

99. ___ is a tool used for selection of the right employees for a particular job.
   (1) Job description
   (2) Job analysis
   (3) Job specification
   (4) Work schedule

100. Normal fasting glucose concentration of the blood is
     (1) 70 - 110 mg / 100 ml
     (2) 110 - 120 mg / 100 ml
     (3) 120 - 130 mg / 100 ml
     (4) > 130 mg / 100 ml
101. One food exchange of milk provides ______ protein.
(1) 4 g (2) 8 g (3) 10 g (4) 12 g

102. Bacteria present in curd
(1) Clostridium botulinum
(2) Streptococcus thermophillus
(3) Lacto bacillus
(4) Salmonella

103. The food safety and standards act classify the preservatives as
(1) Class I and II
(2) Class A and B
(3) Food grade and non-food grade
(4) Edible and non-edible

104. Which of the following best describes blanching?
(1) Pressure cooking
(2) Boiling food product for 3 minutes
(3) Adding food product to cold water and then boiling
(4) Dipping the food product in boiling hot water for few minutes and then cooling it

105. RDA (ICMR-2010) for iron for a pregnant woman is ______.
(1) 32 mg / day
(2) 35 mg / day
(3) 37 mg / day
(4) 40 mg / day
106. Extension education is
(1) Administration
(2) An Art
(3) A science
(4) Both Art and Science

107. Green leafy and yellow vegetables are excellent source of
(1) Vitamin K
(2) Retinol
(3) β carotene
(4) Vitamin D

108. The first convention of Home Science Association of India in 1952 met at
(1) Chennai (Madras)
(2) Kerala
(3) Pune
(4) Ludhiana

109. State Agricultural Universities are governed by
(1) UGC
(2) AIWEF
(3) ICAR
(4) CSIR

110. Home Management is
(1) Mental process
(2) Manual process
(3) Mechanical process
(4) Technical process
111. Placing of different units of building with respect to sun, wind direction, rain and topography of locality is called
(1) Orientation
(2) Physical features
(3) Roominess
(4) Grouping

112. A person who is a buyer and user of the product is a
(1) Purchaser
(2) Producer
(3) Consumer
(4) Shopkeeper

113. The woven edge of fabric is called
(1) Selvedge
(2) Grain
(3) Bias
(4) Ribbon

114. Rate of development is fastest during
(1) Infancy
(2) Late childhood
(3) Prenatal period
(4) Puberty

115. The first voluntary movement of an infant which involves the whole body is
(1) Crawling
(2) Creeping
(3) Rolling over
(4) Sitting up unassisted
116. किसी व्यक्ति को खोई हुई कार्य-शक्ति को पुनः
वहाल करने की प्रक्रिया ________ कहलाती है ।
(1) चिकित्सा
(2) पुनरुत्थान
(3) हस्तक्षेपण
(4) उत्तेजन

117. मधुमक्खी मोम और पैरफिन मोम का उपयोग
_______ में किया जाता है ।
(1) बाटिक
(2) ठप्पा छपाई
(3) रक्षोन छपाई
(4) बंधन

118. शरीर में कोलेस्ट्रोल का निर्माण किस अंग में होता
है?
(1) अंत में   (2) आमास्य में
(3) यकृत में   (4) हुद्य में

119. महिलाओं हेतु वर्तमान हिंसा संरक्षण अधिनियम
_______ में पारित हुआ ।
(1) 1995   (2) 2005
(3) 2007   (4) 2010

120. मस्तिष्क क्षति के कारण गत्यात्मक शिविरता है
(1) बिरली
(2) मॉस्ट्रेसीय वृक्षाकर्ष
(3) मस्तिष्क पशाशयाल
(4) गाढ़वा
121. According to J.B. Watson psychology is the study of
   (1) Mental state
   (2) Behaviour
   (3) Consciousness
   (4) Mind

122. Where was first psychology laboratory set up?
   (1) Berlin
   (2) Boston
   (3) Frankfurt
   (4) Leipzig

123. Educational psychology is concerned with
   (1) Learner
   (2) Learning situation
   (3) Learning process
   (4) All of the above

124. New knowledge is acquired through
   (1) Memorization
   (2) Transmission of knowledge
   (3) Experience and searching new meanings
   (4) None of the above

125. Principle of reinforcement is associated with
   (1) Pavlov
   (2) Skinner
   (3) Kohlberg
   (4) Thorndike
126. Insightful learning results from
(1) Stimulus response
(2) Gestalt perception
(3) Stimulus generalization
(4) Reinforcement

127. Which of the following stage of cognitive development is not described by Bruner?
(1) Enactive
(2) Iconic
(3) Sensori-motor
(4) Symbolic

128. Period of pseudo-maturity is
(1) Adolescence
(2) Infancy
(3) Early childhood
(4) Later childhood

129. Learning is a process of
(1) accumulation of facts
(2) meaning making through experience
(3) preparing for examination
(4) memorization

130. Human development is
(1) Sequential
(2) Continuous
(3) Individualized
(4) All of the above
131. **Who developed the equation of intelligence quotient (I.Q.)?**
   (1) Stern  (2) Binet  
   (3) Terman  (4) Spearman

132. **Which of the following is not the feature of adolescence period?**
   (1) Faster physical development  
   (2) Increased interest in opposite sex  
   (3) Clear and stable self-concept  
   (4) Heightened emotional tendencies

133. **Which one of the following is not a stage in Kohlberg’s theory of moral development?**
   (1) Pre-conventional  
   (2) Pre-operational  
   (3) Conventional  
   (4) Post conventional

134. **Who said “adolescence is a period of storm and stress”?**
   (1) Stanley Hall  
   (2) Elizabeth Hurlock  
   (3) Piaget  
   (4) Freud

135. **Enquiry learning is conducive for development of**
   (1) Imagination  
   (2) Creativity  
   (3) Cognitive skills  
   (4) Memory
136. Which of the following is not a defence mechanism?
   (1) Association
   (2) Regression
   (3) Compensation
   (4) Sublimation

137. Who among the following has not proposed a theory of adjustment?
   (1) Freud
   (2) Watson
   (3) Lazarus
   (4) Carl Jung

138. Mental health of child depends on
   (1) Family
   (2) School
   (3) Community
   (4) All of the above

139. Which one of the following is not a domain of emotional intelligence as proposed by Daniel Goleman?
   (1) Self-awareness
   (2) Self-efficacy
   (3) Self-management
   (4) Social skills

140. The focus of vocational guidance has to be on
   (1) providing job
   (2) helping the client to seek appropriate job
   (3) enabling the system of education to become job oriented
   (4) helping the client to select an appropriate job
141. विद्यार्थियों में सम्बोधन का अभिप्राय है
   (1) उन्हें कार्य करने हेतु कहना
   (2) विचारों का आदान-प्रदान
   (3) उन्हें निदेश देना
   (4) उन्हें अपने विचारों से सूचित करना

142. निम्न प्रत्यय-परिवर्तन के प्रतिपादक थे
   (1) डोबी
   (2) ब्रूनर
   (3) पियाजे
   (4) आसुबेल

143. निम्न में से कौन सा सम्बोधन माध्यम है?
   (1) टेलीविजन
   (2) टेलीविजन
   (3) बीडियो-टेप
   (4) उपरोक्त सभी

144. सहयोगीतात्मक अधिगम आयोजित किया जाता है
   (1) कक्ष-कक्ष परिस्थितियों में
   (2) कक्ष-कक्ष से बाहर की परिस्थितियों में
   (3) (1) एवं (2) दोनों में
   (4) उपरोक्त में से कोई नहीं

145. 'कम्प्यूटर के जनक' के नाम से कौन जाना जाता है?
   (1) लैरी पेज
   (2) बिल गेट्स
   (3) चार्ल्स बाबेज
   (4) रोजेनबर्ग

141. Communication with students means
   (1) asking them to do a task
   (2) exchange of ideas
   (3) giving them direction
   (4) informing them of your ideas

142. Concept attainment model was
   propounded by
   (1) Dewey
   (2) Bruner
   (3) Piaget
   (4) Ausubel

143. Which of the following is media of
   communication?
   (1) Radio
   (2) Television
   (3) Video-tape
   (4) All of the above

144. Cooperative learning is organized
   (1) in classroom situations
   (2) outside the classroom situations
   (3) Both (1) and (2)
   (4) None of the above

145. Who is known as 'Father of
   Computer'?
   (1) Larry Page
   (2) Bill Gates
   (3) Charles Babage
   (4) Rosenberg
146. Computer virus is a
(1) Software
(2) Hardware
(3) Backup programs
(4) None of the above

147. Which one is an output device?
(1) Keyboard
(2) Mouse
(3) Scanner
(4) Monitor

148. Linguaphone is an example of
(1) Audio aids
(2) Audio-visual aids
(3) Visual aids
(4) Activity aids

149. The brain of any computer is
(1) Motherboard
(2) CPU
(3) ALU
(4) Control Unit

150. ICT stands for
(1) International Communication Technology
(2) Inter Connected Technology
(3) Information Communication Technologies
(4) Inter Common Technology