APPENDIX - I

DRAFT TEST OF
VOCATIONAL INFORMATION INVENTORY

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SECTION-I

1. A medical doctor is one who is trained in
   a) learning the use of medical instruments
   b) examining a patient using stethoscope
   c) writing papers on scientific aspects of treatment of diseases
   d) study the effect of food on the human body

2. A surgeon is one who
   a) operates upon human beings
   b) diagnoses and treats human mental diseases and disorders
   c) treats diseases
   d) treats the disorders related to the eye

3. A professional who is not an indispensable for a hospital is a
   a) Nurse
   b) Compounder
   c) Chemist
   d) Laboratory Technician

4. The basic qualification required of a person who wants to start a medical store is
   a) BSc
   b) MBBS
   c) D Pharm
   d) None of these

5. A degree in pharmacology enables one to become a
   a) Horticulturist
   b) Farm Mechanic
   c) Sanitary Inspector
   d) Drug Inspector

6. The system of medicine which not included in the Indian system of medicine is
   a) Siddha
   b) Allopathy
   c) Ayurveda
   d) Naturopathy
7. Who among the following is not a specialist professional in medicine?
   a) A cardiologist
   b) An ophthalmologist
   c) A pediatrician
   d) A general Physician

8. Physiotherapy is a subject which
   a) trains professionals in the rehabilitation of physically and mentally impaired persons
   b) covers training in the use of exercises, related equipment and procedures like Electrotherapy, Magneto Therapy and massage
   c) provides specialization in the treatment of disorders related to ear and nose
   d) involves the replacement of missing parts of the body with artificial structures

9. The professional area which deals with the detection of diseases is called
   a) Psychiatry
   b) Pathology
   c) Anesthesiology
   d) Neurology

10. Necessary prerequisite to write entrance examination in the medical and agriculture areas is
    a) 10+2 in science group with 50% marks and separate 50% in biology
    b) 10+2 first class in science group
    c) S.S.L.C with 60% marks in biology
    d) 10+2 with 60% marks in humanities group

11. Duration of an MBBS course in an Indian University is
    a) 4 years
    b) 6 years
    c) 5 years
    d) $5\frac{1}{2}$ years
12. The minimum qualification to be appointed a professor in Medical College in India is
   a) An MBBS degree
   b) An MD/MS/post-graduate specialization in various areas of medicine
   c) BAMSS
   d) BHMS

13. The specialist who diagnoses and treats children’s diseases is called by the name
   a) Ophthalmologist
   b) Gastroenterologist
   c) Pediatrician
   d) Dermatologist

14. The qualification to be recognized as a specialist medical professional who specializes in the treatment of female reproductive diseases is
   a) MBBS+MD
   b) MBBS+MS in Gastroenterology
   c) MBBS+MS in Obstetrics+Gynecology
   d) MBBS+MD in Pediatrics

15. An anesthesiologist is one who has specialized in
   a) Skin diseases
   b) Diseases related to the heart and the circulatory system
   c) Providing help in the surgical process related to the heart and the circulatory system
   d) Providing help in assisting surgical process which make the patient immune to the pain of surgery

16. Duration of a post graduate specialization in different areas of medicine leading to M.D/M.S is
   a) 4 years
   b) 3 years
   c) 2½ years
   d) 2 years
17. Total tuition fee to be paid for an MBBS course in a Government Medical College in Kerala as per present rules is
   a) Rs.40,000/ per head
   b) Rs.36,000/ per head
   c) Rs.45,000/ per head
   d) Rs.52,000/ per head

18. A major national institution which offers an MBBS course through an All India Entrance Test is
   a) The CUSAT
   b) The AIIMS
   c) The ICAR
   d) The NIT

19. An indispensable component of modern medical education is
   a) Training in Health Science
   b) Clinical Practice
   c) Laboratory Practice
   d) Training under a Senior Doctor

20. Duration of a B.Sc. Nursing Course is
   a) 3 ½ years
   b) 4 years
   c) 4½ years
   d) 2½ years

21. Eligibility for admission to B.Sc Nursing in India is
   a) 10+2 in science subject with 50% marks and separate 50% in biology
   b) 10+2 first class in science group
   c) 10+2 with 60% marks in biology, physics and chemistry.
   d) 10+2 with 60% marks in humanities group.

22. The institution which conducts a course in Military Nursing (General Nursing and Midwifery) in Kerala is
   a) I.N.H.S Sanjivini, Kochi.
   b) Government School of Nursing, General Hospital, Ernakulam.
   c) College of Nursing, Medical college, Thiruvananthapuram.
   d) Government School of Nursing, Thrissur.
23. Sree Chithira Thirunal Institute of Medical Science and Technology is located at
   a) Kollam
   b) Thiruvananthapuram
   c) Kottayam
   d) Alapuzha

24. Which of the following is a degree in Ayurveda?
   a) BAMS
   b) BHMS
   c) BVMS
   d) BNYS

25. The duration of Ayurveda degree course in Indian universities is
   a) 6 years
   b) 4 years
   c) 5 years
   d) 5½ years

26. Which one of the following universities in Kerala offers P.G. course in Ayurveda?
   a) University of Calicut
   b) University of Kerala
   c) University of Kannur
   d) University of Cochin

27. The Indian title for a P.G. degree in Ayurveda is
   a) Ayurvedacharya
   b) Ayurveda Vachaspathy
   c) Ayurveda Vaidyakalanidhi
   d) Ayurveda Siromani

28. Which of the following medical education courses demand a sound Knowledge of Sanskrit?
   a) Ayurveda
   b) Homeopathy
   c) Siddha
   d) Unani
29. Eligibility for the first degree course in Ayurveda in Kerala is
   a) 10+2 in science group with 50% marks and separate
      50% in biology
   b) 10+2 first class in science group
   c) S.S.L.C with 60% marks in biology
   d) 10+2 with 60% marks in humanities group

30. Minimum qualification for the post of Lecturer in a College of Ayurveda
    offering a first degree in the subject is
    a) Graduation in Ayurveda
    b) P.G. Degree in Ayurveda
    c) Graduation in Modern Medicine
    d) Ph.D in Ayurveda

31. The duration for obtaining a P.G. Degree in Homeopathy after 10+2 is
    a) 5½ years
    b) 8½ years
    c) 10½ years
    d) 3 years

32. The only university in Kerala which offers a Post graduate course in
    Homeopathy is
    a) Kerala University
    b) Cochin University of Science and Technology
    c) Calicut University
    d) Mahatma Gandhi University

33. Duration of a BHMS degree in Kerala is
    a) 4 years
    b) 5½ years
    c) 5 years
    d) 4½ years

34. Which medical professional in Kerala is entitled to receive a higher
    entry salary in Kerala Government Service
    a) Homeopathy
    b) Allopathy
    c) Ayurveda
    d) Equal salary for all
35. The first degree conferred at the end of a course in Unani system of medicine is
   a) BNYS
   b) MUMS
   c) BHMS
   d) Bams

36. Unani medicine was developed into an elaborate therapeutic system by
   a) Indian medical specialists
   b) Tibetan medical specialists
   c) Arabs
   d) Germans

37. The state nearest to Kerala where a degree in Unani medicine is available in
   a) Maharashtra
   b) Tamil Nadu
   c) Andhra Pradesh
   d) Uttar Pradesh

38. Eligibility for graduation in Unani Medicine is
   a) S.S.L.C
   b) 10+2 equivalent in Science or Arts
   c) 10+2 equivalent in Mathematics
   d) B.Sc in Zoology

39. The medical system which combines diet control, physical exercise, some animal based and herbal drugs is
   a) Siddha
   b) Unani
   c) Naturopathy
   d) Homeopathy
40. The district of Kerala where the Santhigiri Siddha College, Kolacode, is located in
   a) Thiruvananthapuram
   b) Thrissur
   c) Palakkad
   d) Pathanamthitta

41. Duration of a first degree course in Siddha medicine is
   a) 4½ years
   b) 5½ years
   c) 5 years
   d) 6 years

42. Eligibility for admission to the MD degree in Siddha is
   a) BVMS
   b) BNYS
   c) BHMS
   d) BSMS

43. The district of Kerala which has three medical colleges is
   a) Alapuzha
   b) Calicut
   c) Thrissur
   d) Palakkad

44. The number of colleges in India imparting education in Naturopathy is
   a) 4
   b) 3
   c) 6
   d) 5

45. The starting salary scale of a junior doctor under Kerala Government is
   a) 6675-10550
   b) 7500-12000
   c) 5200-8200
   d) 6000-10000
46. The pay scale of a Professor in a Government Medical College in Kerala is
   a) 15350-19000
   b) 14200-18600
   c) 12000-18000
   d) 16400-22400

47. All India Institute of Medical Sciences is at
   a) Chennai
   b) New Delhi
   c) Mumbai
   d) Kolkata

48. The basic qualification of admission to a master’s degree in transcription and data management is
   a) 10+2 with science optionals
   b) 10+2 with science optionals with 60% marks
   c) Graduation in any subjects
   d) Graduation in any subject with 50% marks

49. Medical transcription stands for
   a) Recording and preparing books on the basis of explanations given by doctors from foreign countries about diseases, diagnosis and treatment.
   b) Recording and translating information relating to modern medicine produced drug manufacturing companies.
   c) Recording and translating information relating to paramedical services produced in foreign countries.
   d) Preparation of medical records regarding the diagnosis, treatment and prevention of mental disorders from doctor’s case history.

50. Minimum qualification for entry into a course in blood bank technology is
   a) 10+2 with science optionals with 50% mark
   b) BSc degree in zoology/physiology
   c) BSc degree in Chemistry
   d) Diploma in Social Work.
SECTION II

51. The Kerala Agricultural University is situated at
   a) Vellayani, Thiruvananthapuram
   b) Vellanikara, Thrissur
   c) Pookkotte, Wynad
   d) Panangad, Ernakulam

52. The institution which promotes science and technology programmes in agricultural research and training is
   a) I.I.F.M
   b) I.C.A.R
   c) F.A.O
   d) M.P.E.D.A

53. The branch of science not included in agriculture is
   a) Aquaculture
   b) Sericulture
   c) Soil Science
   d) Health Science

54. The college which provides a B.Tech degree in Dairy Technology is
   a) College of Agriculture
   b) College of Dairy Science and Technology
   c) College of Fisheries
   d) College of Forestry

55. Which one of the following subjects is required as an entry qualification for admission to an agriculture college?
   a) Horticulture
   b) Sericulture
   c) Biochemistry
   d) Chemistry

56. Agricultural Engineering deals with
   a) the manufacturing of equipments used for agriculture
   b) the use of machines for cultivation
   c) the conservation and protection of the natural environment
   d) the processing and packaging of agricultural products
57. Entry to the B.Tech programme in Dairy Technology is through an entrance test in
   a) Biology, physics and chemistry of +2 level
   b) Physics, chemistry and mathematics of +2 level
   c) Botany, physics and chemistry of +2 level
   d) Mathematics, physics and biology of +2 level

58. The number of Veterinary Colleges in Kerala is
   a) 3
   b) 4
   c) 2
   d) 5

59. The first degree in Veterinary Science is
   a) B.H.Sc
   b) B.V.Sc
   c) B.A.Sc
   d) B.F.Sc

60. Which one of the following profession is not related to fisheries
   a) Harvest Manager
   b) Fisheries Inspector
   c) Hatchery Manager
   d) Food Technologist

61. The area where a home science graduate can find employment is
   a) marine industrial units
   b) health resorts
   c) food exporting companies
   d) fish processing

62. The eligibility for admission to a post-graduate course in Food Science Technology is
   a) degree in Chemistry/Microbiology
   b) degree in Environmental science
   c) degree in Physics/Mathematics
   d) degree in Agriculture/Horticulture
63. The College of Fisheries in Kerala is situated at
   a) Pookkotte, Wynad
   b) Neendakara, Kollam
   c) Panangad, Ernakulam
   d) Nattika, Thrissur

64. The school of Marine Sciences in Kerala is affiliated to the
   a) Calicut University
   b) Kerala University
   c) M.G University
   d) CUSAT

65. The subject area which deals with the study of fish, crabs, prawns and
    geological and mineral wealth of the ocean is
   a) Environmental studies
   b) Marine studies
   c) Food Technology
   d) Microbiology

66. The civil service examination used for selecting top experts for forest service
    is called
   a) The I.A.S
   b) The I.P.S
   c) The I.F.S
   d) The I.E.S

67. The physical eligibility for selection to graduate courses in forestry is
   a) height 170cm and chest between 82.84cm
   b) height 163cm and chest between 79.84cm
   c) height 160cm and chest between 75.78cm
   d) height 158 cm and chest between 78.80cm

68. The course which offers specialisation in Wood Science and Technology is
   a) M.Sc in Agricultural Science
   b) M.Sc in Bio Technology
   c) M.Sc in Forestry
   d) M.Sc in Horticulture
69. A horticulturist is one who
   a) markets seeds and fertilisers
   b) sets up green houses
   c) assists in the manufacture of wood-based products
   d) helps to develop flower gardens

70. Horticulture is a faculty of the Agricultural Universities which deals with
   a) Aquaculture
   b) Sericulture
   c) Tissue culture
   d) Agriculture

71. An area of work where athletic skills are most useful is that of a
   a) Dairy Technologist
   b) Forester
   c) Fisheries Inspector
   d) Mining Engineer

72. Sericulture is the scientific area which deals with the production of
   a) Jute Products
   b) Polyester Products
   c) Woollen Products
   d) Silk Products

73. Eligibility for graduation in Co-operation and Banking with specialization in agriculture is
   a) +2 with science optionals
   b) +2 with mathematics as optional
   c) +2 with Commerce optional
   d) pass in ‘+2’, on the basis of marks

74. The Course in Farm Power and Machinery is offered in Kerala in
   a) College of Agriculture, Vellayani
   b) College of Horticulture, Vellanikkara
   c) Kelappalli College of Agricultural Engineering & Technology, Thavannoor
   d) College of Forestry, Vellanikkara
75. The district where the Agriculture University of Kerala is located
   a) Thiruvananthapuram
   b) Thrissur
   c) Palakkad
   d) Ernakulam

76. The First degree in Aquaculture is offered at the
   a) College of Dairy Science and Technology
   b) College of Horticulture
   c) College of Fisheries
   d) College of Forestry

77. Eligibility for MSc in Agricultural Economics is
   a) BSc in Horticulture
   b) BSc in Fisheries Science
   c) BSc in Agricultural Banking
   d) BSc in Agriculture

78. The number of affiliated colleges under the Kerala Agriculture University is
   a) 8
   b) 6
   c) 10
   d) 15

79. The specialized jobs in the irrigation and in soil departments of government are open to
   a) a specialist in agriculture
   b) an agricultural engineer
   c) a horticulturist
   d) a graduate in forestry.

80. The starting salary of an agricultural officer in the Kerala state is
   a) Rs.8000
   b) between Rs.9000 and 10000
   c) below Rs.8000
   d) above Rs.10000
81. The basic qualification for commencing a graduate study of veterinary science is
   a) +2/equivalent with specialisation in Physics, Chemistry and Biology with a minimum 50% marks
   b) +2 with Mathematics and Sciences
   c) +2 in Science subjects including Mathematics
   d) +2 in Science with 50% marks in Zoology and Botany

82. The duration of the first degree course in Veterinary Science is
   a) 4 years
   b) 5 years
   c) 5½ years
   d) 4½ years

83. The basic qualification to become a Professor in a Veterinary College in India is
   a) M.V.Sc
   b) B.V.Sc+A.H
   c) B.V.Sc+Professional experience for 3 years
   d) M.Sc in Dairy Technology

84. The number of Veterinary and Animal Science Colleges in Kerala is
   a) 4
   b) 2
   c) 3
   d) 5

85. A post graduate degree holder in Veterinary Science and Animal Husbandry is most qualified for service in
   a) agricultural plantations
   b) dairy farms
   c) milk processing industries
   d) fertilizer companies

86. Which one of the following is a specialisation area for a master’s degree programme in Veterinary Science
   a) Food and Beverages
   b) Food and Fodder Technology
   c) Food and Nutrition
   d) Wild Life Science
87. The organization which conducts the national entrance examination for admission to agriculture and allied fields is the
   a) JIPMER
   b) AIIMS
   c) ICAR
   d) JEE

88. The job for which a person with training in forestry is most suited is that of a
   a) Horticulturist
   b) Ranger
   c) Zoo keeper
   d) Livestock Assistant

89. An appropriate employment for a food technologist is in
   a) marine industrial units
   b) poultry and dairy farms
   c) estates and plantations
   d) social forestry

90. One of the specialisation areas for MSc Home Science degree is
   a) Health management
   b) Social work
   c) Child development
   d) Home management

91. College of Forestry in Vellanikkara, Kerala, offers a post graduate programme in
   a) Rural Marketing Management
   b) Farm Power and Machinery
   c) Tree Physiology and Breeding
   d) Soil Science

92. Which one of the following is not taught as part of Food Technology
   a) Preservation Science
   b) Hygiene and Sanitation
   c) Packaging of Foodstuffs
   d) Hospital Management
93. The basic qualification for admission to a 4-year degree course in Food Technology is
   a) Pass in the +2 examination
   b) Pass in +2 examination in the science group
   c) Pass in the +2 level examination with 60% marks in mathematics
   d) Pass in the +2 level examination with any group of subjects

94. Which one of the following posts is most appropriate for a dairy farm?
   a) Hatchery Manager
   b) Food Technologist
   c) Harvest Manager
   d) Horticulturist

95. MSc course in Nutrition in Kerala is offered at
   a) College of Agriculture, Vellayani
   b) College of Horticulture, Vellanikkara
   c) College of Agriculture, Padannakkad
   d) College of Dairy Science and Technology, Mannuthy

96. Basic qualification for admission to MSc in Nutrition is
   a) BSc in Home Science
   b) BSc in Agriculture
   c) BSc in Fishery Science
   d) BSc in Horticulture

97. The post of a nutritionist is usually created for a
   a) Hospital
   b) Poultry Farm
   c) Agricultural Farm
   d) Dairy Farm

98. The salary scale of a junior veterinary doctor in Kerala is
   a) 5000–10000
   b) 6600–8800
   c) 6675–10550
   d) 7775–11550
99. The duration for a first degree course in agriculture is
   a) 3½ years
   b) 4 years
   c) 4½ years
   d) 5 years

100. The only university which offers a post graduate course in Marine Biology in Kerala is
   a) University of Calicut
   b) The CUSAT
   c) The Mahatma Gandhi University
   d) Kerala Agricultural University

SECTION-III

101. The basic qualification to write the entrance examination for admission to a first degree course in engineering is
   a) Pass in the +2 examination/equivalent with first class for Mathematics, Physics and Chemistry taken together
   b) Pass in the +2 examination with 50% marks in Mathematics and 50% in aggregate for Mathematics, Physics and Chemistry.
   c) Pass in the +2 examination with 60% marks in Mathematics and 50% in aggregate for Mathematics, Physics and Chemistry.
   d) Graduation in any of the above three subjects

102. C.U.S.A.T is located in the district of
   a) Kottayam
   b) Thrissur
   c) Ernakulam
   d) Malappuram

103. The full form of R.E.C is
   a) Regional Engineering Centre
   b) Regional Economic Centre
   c) Regional Engineering College
   d) Regional Education College
104. The national level entrance examination for admission in I.I.Ts in India is called the
   a) GATE
   b) JEE
   c) CAT
   d) TOEFL

105. The duration of a Bachelor's Degree in Engineering in Indian Universities is
   a) 3 years
   b) 5 years
   c) 4 years
   d) 4 1/2 years

106. The autonomous institution for higher studies in engineering in Kerala is located in
   a) Calicut
   b) Cochin
   c) Kottayam
   d) Kannur

107. The branches of engineering which involves the design and production of tools, machines, engines etc is called
   a) Industrial Engineering
   b) Mechanical Engineering
   c) Instrumentation Engineering
   d) Production Engineering

108. A Chemical Engineer is one who is engaged in controlling the technology of connected with
   a) Chemical experiments are conducted
   b) Chemicals are manufactured
   c) Metals are processed
   d) Fuels are produced

109. The engineer who designs and supervises the construction activities of buildings, roads and bridges is called a
   a) Mechanical Engineer
   b) Production Engineer
   c) Chemical Engineer
   d) Civil Engineer
110. The branch of engineering which involves the design and development of machinery related to ships is called
   a) Instrumentation Engineering
   b) Marine Engineering
   c) Industrial Engineering
   d) Mechanical Engineering

111. The college which offers a course in Biomedical engineering in Kerala is
   a) M.S. School of Engineering, Mala
   b) Sahrudaya College of Science and Technology, Kodakara
   c) Rajagiri School of Engineering and Technology, Kakkanad
   d) Adi Sankara Institute of Engineering and Technology, Kalady.

112. The university which offers a course in environmental engineering in Kerala is
   a) Kerala
   b) Kannur
   c) CUSAT
   d) Kerala Agricultural University

113. Design and production of missiles, space ships and related equipments is done by
   a) An Automobile Engineer
   b) A Mechanical Engineer
   c) A Chemical Engineer
   d) An Aeronautical Engineer

114. Power generation and transmission is taught mainly in courses provided in
   a) Computer Engineering
   b) Industrial Engineering
   c) Electrical and Electronic Engineering
   d) Hydraulic Engineering

115. The minimum eligibility for admission to a B. Arch course in an Indian University is
   a) A pass in +2 with minimum aggregate of 50% marks with mathematics as one of the subjects
   b) A pass in +2 with 60% marks in Mathematics and 50% marks in the aggregate in Physics and Chemistry
   c) A pass in +2 with science subjects
   d) A pass in +2 with 60% marks in Mathematics
116. The National Institute of Technology in Kerala is located at
   a) Thrissur
   b) Calicut
   c) Thiruvananthapuram
   d) Ernakulam

117. Which one of the following examinations is to be passed for admission to the National Institutes of Technology in the country?
   a) JEE
   b) AIEEE
   c) GATE
   d) CAT

118. The number of I.I.Ts in India is
   a) 5
   b) 7
   c) 10
   d) 9

119. Specialized technology connected with the extrication of oil and natural gas is called
   a) Mining Engineering
   b) Petroleum Engineering
   c) Oil Technology
   d) Gas Engineering

120. Electronics and Telecommunication graduates who pass an All India Engineering Service Examination qualify for employment in the
   a) Indian Railway Service of Engineers
   b) Indian Railway Service of Signal Engineers
   c) The Central Engineering Service
   d) All India Engineering Service

121. An India-Swiss collaboration venture, for promoting technical training and education in India was started at the
   a) I.I.T
   b) N.I.T
   c) N.T.T.F
   d) M.T.I
122. The Nettur Technical Training Foundation in Kerala is located in
   a) Pookkotte
   b) Thalassery
   c) Panangad
   d) Mannuthy

123. N.T.T.F was developed as the basis of an
   a) Indo-German Collaboration
   b) Indo-Russian Collaboration
   c) Indo-Swiss Collaboration
   d) Indo-Japanese Collaboration

124. Admission to N.T.T.F is on the basis of one of the following
   a) AIEEE
   b) JEE
   c) All India Entrance Test.
   d) General Certificate of Education Examination

125. The All India Entrance Test for admission to M.Tech/M.Sc. course in the
    I.I.T's is called the
    a) JEE
    b) GATE
    c) AIEEE
    d) CAT

126. The basic qualification to be appointed a Professor in an Engineering
    College in India is
    a) B.Tech
    b) M.Tech
    c) B.E
    d) B.Arch

127. The salary scale of a professor in an engineering college in India is
    a) 16400-22400
    b) 15400-20400
    c) 12800-18600
    d) 13350-16750
128. The starting salary scale of a Junior Engineer in Kerala is
   a) 13350-16750
   b) 16400-22400
   c) 6675-10550
   d) 7500-11000

129. The basic qualification for admission to a B.Tech course in Aeronautical/Aerospace Engineering is
   a) +2 pass with high marks in science subjects
   b) +2 pass with 60% marks in mathematics
   c) +2 pass with high marks in science subjects and a pass in the JEE
   d) +2 pass with 50% marks in mathematics and 50% aggregate in physics and chemistry.

130. Which portion of the seats in an N.I.T is reserved for students of the state in which the college is located
   a) 45%
   b) 60%
   c) 50%
   d) 55%

131. The tuition fee fixed for B.Tech course in Government Engineering Colleges of Kerala is
   a) Rs. 15000
   b) Rs. 25000
   c) Rs. 36000
   d) Rs. 50000

132. The duration of a B.Tech Course in Aeronautical/Aerospace Engineering in India is
   a) 3\(\frac{3}{4}\) years
   b) 4 years
   c) 5 years
   d) 4\(\frac{1}{2}\) years
133. One of the organization where an aeronautical engineer can find a job is in
   a) A firm, manufacturing machines
   b) The I.S.R.O
   c) A steel factory
   d) A firm which manufactures petrol engines

134. A University in Kerala which offers courses in Plastic Engineering is
   a) Calicut University
   b) Kannur University
   c) CUSAT
   d) Kerala University

135. An institution which offers an M.Tech programme in Biomedical Engineering in south India is the
   a) NIT Calicut, Calicut
   b) Manipal Institute of Technology, Manipal
   c) N.T.T.F, Talassery
   d) CUSAT, Cochin

136. Basic qualification for admission to a post graduate course in Fashion Technology is
   a) Diploma in Textile Technology
   b) BSc in Computer Science
   c) B.Tech in Information Technology
   d) Graduation in Fine Arts

137. The minimum qualification for admission to the Post-graduate Diploma of the National Institute of Industrial Engineering is
   a) graduation with first class in any branch of engineering or technology or its equivalent
   b) graduation in Industrial Engineering
   c) 70% marks for the first degree in Instrumentation Engineering
   d) 60% marks for the first degree in Mechanical Engineering degree
138. Birla Institute of Science and Technology is situated in
   a) Maharashtra
   b) Delhi
   c) Rajasthan
   d) Uttar Pradesh

139. An important private institution of higher education and research in the country is
   a) The National Institute of Industrial Engineering
   b) The Birla Institute of Technology and Science
   c) The Bhabha Atomic Research Centre
   d) The Indian Institute of Science

140. A prestigious institution for advanced research in science and technology which started during the early decades of 20th century in India associated with Dr. C.V. Raman is
   a) The Birla Institute of Technology and Science
   b) The Indian Institute of Science
   c) The Harcourt Butler Technological Institute
   d) The Madras Institute of Technology

141. The Engineering College in Kerala which offers a graduate course in Applied Electronics is the
   a) Model Engineering College, Thrissur
   b) Vimal Jyothi Engineering College, Chemperi
   c) Amal Jyothi College of Engineering, Kottayam
   d) Rajagiri School of Engineering & Technology, Kakkanad

142. The college which offers an Architectural Engineering Course in Kerala is
   a) University College of Engineering, Thiruvananthapuram
   b) The TKM College of Engineering, Kollam
   c) The Govt. Engineering College, Kozhikode
   d) The Sree Chithira Thirunal College of Engineering, Pappanamcode.
143. Polymer Engineering course in Kerala is offered in
   a) Adi Sankara Institute of Engineering and Technology, Kalady
   b) University College of Engineering, Thodupuzha
   c) Government Engineering College, Idukki
   d) Government Rajiv Gandhi Institute of Technology, Kottayam

144. Which branch of engineering is not directly related to building construction?
   a) Nano Technology
   b) Electronic Engineering
   c) Civil Engineering
   d) Construction Engineering

145. The district in Kerala with just one engineering college is
   a) Ernakulam
   b) Kollam
   c) Wynad
   d) Pathanamthitta

146. The professionals who can forecast and deal with environmental hazards are called
   a) Forest Conservators
   b) Marine Life Experts
   c) Environmental Engineers
   d) Conservation Experts

147. The Engineering College in Kerala which has a Department of Environmental Studies is the
   a) Government Engineering College, Idukki
   b) Government Engineering College, Thrissur
   c) Government Engineering College, Thiruvananthapuram
   d) NSS College of Engineering, Palakkad.

148. Indian Institute of Information Technology in Kerala is located at
   a) Thrissur
   b) Ernakulam
   c) Thiruvananthapuram
   d) Kozhikode
149. The duration of the B.E/B.Tech in computer Science/Information Technology is
   a) 3½ years
   b) 4 years
   c) 3 years
   d) 4½ years

150. The basic qualification for admission to a B.Tech degree in Information Technology/Computer Science is
   a) +2 in science subjects with 50% marks in the aggregate
   b) +2 with mathematics and science
   c) +2 mathematics with 50% marks and science with 50% marks in the aggregate
   d) +2 pass in any science group
APPENDIX-II

ITEM ANALYSIS OF DATA FOR
VOCATIONAL INFORMATION INVENTORY
### Item Analysis of data for Vocational Information Inventory

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Total No. of accepted items: 60

H = No. of correct answers in the high group
L = No. of correct answers in the low group
APPENDIX - III

UNIVERSITY OF CALICUT
2004

VOCATIONAL INFORMATION INVENTORY
FINAL
Vocational Information Inventory

Time: 96 minutes

Dear Student,

I have undertaken a research study on “vocational information” of Higher Secondary students of Kerala. The following is an inventory which will help me to make a scientific study of this variable. I request you to co-operate with me in this study by frankly indicating your choices against each statement as directed:

For each of the statements given below, four alternative answers are given. Read the questions carefully and select the answer which you consider as the most appropriate. Mark the Correct answer in the box provided. Do not write anything in the question book-let. Kindly answer all the questions within the given time.

Example:

Question: A surgeon is one who

a) Operates upon human beings
b) Diagnoses and treats human mental diseases and disorders
c) Treats diseases
d) Treats the disorders related to the intestine.

The answer is (a).

The answer sheet has four squares, each standing for a choice you have to make. Enter an ‘x’ mark in the appropriate cell. Start answering questions 1 to 48 as soon as the examiner says “start” and stop when he says “stop”.

1. The basic qualification required of a person who wants to start a medical store
   (a) B.Sc
   (b) MBBS
   (c) D.Pharm
   (d) None of these

2. The Kerala Agriculture University is situated at
   (a) Vellayani, Thiruvananthapuram
   (b) Vellanikkara, Thrissur
   (c) Pookkotte, Wynad
   (d) Panangad, Ernakulam

3. The basic qualification to write the entrance examination for admission to a first degree course in engineering is
   (a) Pass in the +2 examination/ equivalent with first class for Mathematics, Physics and Chemistry, taken together.
   (b) Pass in the +2 examination with 50% marks in Mathematics and 50% in aggregate for Mathematics, Physics and Chemistry
   (c) Pass in the +2 examination with 60% marks in Mathematics and 50% in aggregate for Mathematics, Physics and Chemistry
   (d) Graduation in any of the above three subject

4. The system of medicine which, not included in the Indian system of medicine is
   (a) Siddha
   (b) Allopathy
   (c) Ayurveda
   (d) Naturopathy

5. The branch of science, not included in agriculture is
   (a) Aquaculture
   (b) Sericulture
   (c) Soil science
   (d) Health science

6. C.U.S.A.T is located in the district of
   (a) Kottayam
   (b) Thrissur
   (c) Ernakulam
   (d) Malappuram
7. Physiotherapy is a subject which
   (a) Trains professionals in the rehabilitation of the physically and mentally impaired persons
   (b) Covers training in the use of exercises, related equipments, and procedures like electrotherapy, magneto therapy and massage.
   (c) Provides specialization in the treatment of disorders related to ear and nose
   (d) Involves the replacement of missing parts of the body with artificial structures

8. The college which provides a B. Tech degree in Dairy Technology is
   (a) College of Agriculture
   (b) College of Dairy Science and Technology
   (c) College of Fisheries
   (d) College of Forestry

9. The full form of R.E.C. is
   (a) Regional Engineering Centre
   (b) Regional Economic Centre
   (c) Regional Engineering College
   (d) Regional Education College

10. The professional area which deals with the detection of diseases is called
    (a) Psychiatry
    (b) Pathology
    (c) Anesthesiology
    (d) Neurology

11. The first degree in Veterinary Science is
    (a) B. H. Sc
    (b) B. V. Sc
    (c) B. A. Sc
    (d) B. F. Sc

12. The duration of a Bachelor’s Degree in Engineering in Indian Universities is
    (a) 3 years
    (b) 5 years
    (c) 4 years
    (d) 4 ½ years
13. The minimum qualification to be appointed a professor in a Medical College in India is
   (a) An MBBS degree
   (b) An MD/Ms/Post-graduate specialization in various areas of medicine
   (c) BAMS
   (d) BHMS

14. The school of Marine Sciences in Kerala is affiliated to the
   (a) Calicut University
   (b) Kerala University
   (c) M.G University
   (d) CUSAT

15. The Engineer who designs and supervises the construction activities of buildings, roads and bridges is called a
   (a) Mechanical Engineer
   (b) Production Engineer
   (c) Chemical Engineer
   (d) Civil Engineer

16. The specialist who diagnoses and treats children’s diseases is called by the name
   (a) An ophthalmologist
   (b) A gastroenterologist
   (c) A pediatrician
   (d) A dermatologist

17. The civil service examination used for selecting the top experts for forest service is called
   (a) The I.A.S
   (b) The I.P.S
   (c) The I.F.S
   (d) The I.E.S

18. The branch of engineering, which involves the design and development of machinery related to ships is called
   (a) Instrumentation Engineering
   (b) Marine Engineering
   (c) Industrial Engineering
   (d) Mechanical Engineering
19. An anesthesiologist is one who has specialized in
   (a) Skin diseases
   (b) Diseases related to the heart and circulatory system
   (c) Providing help in the surgical process related to the heart and
       the circulatory system
   (d) Providing help in assisting surgical process which make the
       patient immune to the pain of surgery

20. Horticulture is a faculty of the Agricultural Universities which deals with
   (a) Aquaculture
   (b) Sericulture
   (c) Tissue culture
   (d) Agriculture

21. Design and production of missiles, space ships and related equipments
    is done by
   (a) An Automobile Engineers
   (b) A Mechanical Engineers
   (c) A Chemical Engineers
   (d) An Aeronautical Engineers

22. A major national institution, which offers an MBBS course through an All India
    Entrance Test is
   (a) The CUSAT
   (b) The AIIMS
   (c) The ICAR
   (d) The NIT

23. An area of work where athletic skills are most useful is that of a
   (a) Diary Technologist
   (b) Forester
   (c) Fisheries Inspector
   (d) Mining Engineer

24. Power generation and transmission is taught mainly in courses provided in
   (a) Computer Engineering
   (b) Industrial Engineering
   (c) Electrical and Electronics Engineering
   (d) Hydraulic Engineering
25. Eligibility for admission to B. Sc Nursing in India is
   (a) 10+2 in science subjects with 50% marks and separate 50% in biology
   (b) 10+2 first class in science group
   (c) 10+2 with 60% marks in biology, physics and chemistry
   (d) 10+2 with 60% marks in humanities group

26. Sericulture is the scientific area which deals with the production of
   (a) Jute products
   (b) Polyester products
   (c) Woollen products
   (d) Silk products

27. The basic qualification to be appointed a professor in an Engineering College in
   India is
   (a) B. Tech
   (b) M. Tech
   (c) B.E
   (d) B. Arch

28. The Institution, which conducts Military Nursing (General Nursing and Midwifery)
    in Kerala is
   (a) I.N.H.S. Sanjivini, Kochi
   (b) Government School of Nursing, General Hospital, Ernakulam
   (c) College of Nursing, Medical College, Thiruvananthapuram
   (d) Government School of Nursing, Thrissur

29. The Course in Farm Power and Machinery is offered in Kerala in
   (a) College of Agriculture, Vellayani
   (b) College of Horticulture, Vellanikkara
   (c) Kellappaji College of Agriculture Engineering & Technology, Thavannoor
   (d) College of Forestry, Vellanikkara

30. The starting salary scale of a Junior Engineer in Kerala is
   (a) 13350-16750
   (b) 16400-22400
   (c) 6675-10550
   (d) 7500-11000
31. Which of the following is a degree in Ayurveda?
   (a) BAMS
   (b) BHMS
   (c) BVMS
   (d) BNYS

32. The first degree in Aquaculture is offered at the
   (a) College of Dairy Science and Technology
   (b) College of Horticulture
   (c) College of Fisheries
   (d) College of Forestry

33. The tuition fee fixed for B.Tech course in Government Engineering Colleges of Kerala is
   (a) Rs.15000
   (b) Rs.25000
   (c) Rs.36000
   (d) Rs.50000

34. Which of the following medical education courses demand a sound knowledge of Sanskrit?
   (a) Ayurveda
   (b) Homeopathy
   (c) Siddha
   (d) Unani

35. A Post graduate degree holder in Veterinary Science and Animal Husbandry is most qualified for service in
   (a) agricultural plantations
   (b) diary farms
   (c) milk processing industries
   (d) fertilizer companies

36. One of the organization where an aeronautical engineer can find a job is in
   (a) A Firm manufacturing machine
   (b) The I.S.R.O
   (c) A steel factory
   (d) A firm which manufactures petrol engines
37. Eligibility for the first degree course in Ayurveda in Kerala is
   (a) 10+2 in science group with 50% marks and separate 50% in
       biology
   (b) 10+2 first class in science group
   (c) S.S.L.C with 60% marks in biology
   (d) 10+2 with 60% marks in humanities group

38. The organization, which conducts the national entrance examination for admission
    to agriculture and allied fields is the
   (a) JIPMER
   (b) AIIMS
   (C) ICAR
   (d) JEE

39. The district in Kerala with just one engineering college is
   (a) Ernakulam
   (b) Kollam
   (c) Wynad
   (d) Pathanamthitta

40. The duration for obtaining a P.G. Degree in Homeopathy after 10+2 is
   (a) 5 ½ years
   (b) 8 ½ years
   (c) 10 ½ years.
   (d) 3 Years

41. The job, for which a person with training in forestry is most suited is that of a
   (a) Horticulturist
   (b) Ranger
   (c) Zoo keeper
   (d) Live stock Assistant

42. The basic qualification for admission to B. Tech degree in Information
    Technology/Computer Science is
   (a) +2 in science subjects with 50% marks in the aggregate
   (b) +2 with mathematics and science
   (c) +2 mathematics with 50% marks and science with 50% marks in the
       aggregate
   (d) +2 pass in any science group
43. The district in Kerala has three Medical Colleges
   (a) Alappuzha
   (b) Calicut
   (c) Thrissur
   (d) Palakkad

44. Basic qualification for admission to M. Sc in Nutrition
   (a) B. Sc in Home Science
   (b) B. Sc in Agriculture
   (c) B. Sc in Fishery Science
   (d) B. Sc in Horticulture

45. The National Institute of Technology in Kerala is at
   (a) Thrissur
   (b) Calicut
   (c) Thiruvananthapuram
   (d) Ernakulam

46. All India Institute of Medical Sciences is at
   (a) Chennai
   (b) New Delhi
   (c) Mumbai
   (d) Kolkata

47. The university, which offers post graduate programme in
   (a) University of Calicut
   (b) The CUSAT
   (c) Mahatma Gandhi University
   (d) Kerala Agricultural University

48. The National level entrance examination for I.I.Ts in India is called the
   (a) GATE
   (b) JEE
   (c) CAT
   (d) TOFEL
APPENDIX - IV

THE VOCATIONAL INFORMATION INVENTORY
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</table>

**TOTAL**
APPENDIX VI

Kerala University Group Test of Intelligence for Adults

(REVISED VERSION)

By

Dr. A. SUKUMARAN NAIR
READER IN EDUCATION
UNIVERSITY OF KERALA

&

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DEPARTMENT OF EDUCATION
UNIVERSITY OF KERALA

UNIVERSITY OF KERALA
DEPARTMENT OF EDUCATION
TRIVANDRUM
1978
KERALA UNIVERSITY GROUP TEST
OF INTELLIGENCE FOR ADULTS

This test is designed to measure your general mental ability. There are four different sub test in this test. There are twenty problems in each sub test.

**General Directions:**

The test will have to be administered under conditions prescribed relating to time for completing the test and other conditions prescribed for obtaining correct scores, which will be prescribed by the examiner. No exceptions will be permitted.

The mode of finding out the correct answer is indicated in the test. If a correction is to be made, enter a square around the wrong entry(ies) & give the final entry in the appropriate circle.

**Note:** This test book-let has to be used by hundreds of others besides you. So handle the book-let very carefully. Do not write or mark on the booklet or spoil it in any way. Be sure you understand the practice problems given towards the beginning of each sub test before you start answering. Start answering only when you are asked to start and stop answering when you are asked to stop. Answer the problems as quickly and as accurately as you can. If you have difficulty with one problem do not spend too much time on it. Omit it and proceed to the next problem. Mark your anwers *only* in the answer sheet given and *not* on the test.

[Turn the page only when you are asked to]
SUBTEST I

Each item in this subtest contains three words connected with each other in a specific manner. A fourth word is missing in the items. The first two words are related to each other in a particular way. Find out the relation between the first two words. Apply this relation to the third word and find out missing fourth word. Four answers are given. Only one of the words stands for the correct answer. Put an ‘x’ mark in the circle below the letter indicating the correct answer. Examine the following problems.

**Specimen items**

(I). Blood: Red :: Sky: — [ (a) Cloud; (b) Blue; (c) Air; (d) Sun ]

The relation between the first two words is colour. Use this to find out the object which has the same colour as the sky. This will help you to find out the missing fourth word to be filled up. The missing word in this case here to be blue. Hence blue is the correct answer, enter an ‘x’ mark in the circle.

Proceed to do this for all the questions from 1 to 20.

(II). Dog: Animal :: Crow: — [(a) Fly; (b) Black; (c) wings; (d) Bird]

Applying the principle used for item (I), we may identify the correct answer for item (II). You can easily find that ‘Bird’ is correct answer. The correct answer is (d). Hence enter this under ‘d’. The given 20 problems can be answered in the same way. Start answering once the teacher says ‘start’ and stop when the teacher says ‘stop’. Turn to the reverse side of the answer sheet to see how the correct answers to this sub tests are to be entered.

Proceed to answer items 1 to 20 as soon as the teacher says “start”.

[Turn the page only when you are asked to]
ask : Library :: Medicine: (a) Doctor (b) Hospital (c) Treatment (d) Disease
Cat : Kitten :: Dog: (a) Child (b) Lamb (c) Calf (d) Puppy
Can : Roar :: Dog: (a) Bite (b) Bark (c) Tail (d) animal
Clocksmith : Iron :: Carpenter: (a) Wood (b) Nail (c) Hammer (d) Furniture
Police : Thief :: Doctor: (a) Money (b) Medicine (c) Police Station (d) Patient
finger : Hand :: Toe: (a) Shoe (b) Heel (c) Foot (d) Knee
Hair : Sitting :: Bicycle: (a) Riding (b) Running (c) Travelling (d) Seat
Ice : Water :: Water: (a) River (b) Cold (c) Thirst (d) Steam
Snake : Bite :: Knife: (a) Cut (b) Iron (c) Sharp (d) Blade
Hop : Frog :: Crawl: (a) Snake (b) Ground (c) Animal (d) Bird
Book : Author :: Statue: (a) Model (b) Sculptor (c) Man (d) Marble
Women : Baby :: Cow: (a) Grass (b) Child (c) Calf (d) Ox
Electric fan : Electric current :: Engine: (a) Smoke (b) Motion (c) Fuel (d) Wheel
Kingdom : King :: Republic: (a) Democracy (b) Province (c) Governor (d) President
Mailing : King :: Learning: (a) Book (b) Greatness (c) Scholer (d) School
Bird : Feather :: Fish: (a) Scale (b) Tail (c) Break (d) Mouth
Size : Small :: Hope: (a) Faith (b) Despair (c) Glory (d) Sorrow
Confusion : Order :: War: (a) Guns (b) Army (c) Peace (d) Thunder
Affection : Friend :: Hatred: (a) Happiness (b) Quarrel (c) Foe (d) Flight
Fire : Heat :: Flower: (a) Plant (b) Fragrance (c) Petel (d) Leaf

[Turn the page only when you are asked to]
SUBTEST II

Each item of this test consists of five words. Four of these words can be grouped together using a certain principle while one cannot be included in the group. You have to find out the word which does not belong to the group. Put an ‘x’ mark in the circle below the letter indicating the correct answer. The following illustrative problems (I and II) would help you to understand the method of solving problems under this subtest:

\[
\begin{array}{cccccc}
\text{O} & \text{O} & \text{O} & \text{O} & \text{O} & \text{O} \\
(a) & (b) & (c) & (d) & (e) \\
\end{array}
\]

I. (a) Lion; (b) Cow; (c) Cat; (d) Dog; (e) Crow

The first four words can be grouped together because they are all the names of animals. The last word (Crow) does not belong with the rest since it is the name of a bird. Hence (e) is the correct answer. The circle below ‘e’ has to be marked with an ‘x’ in the specimen answer sheet. Examine the next problem given below:

\[
\begin{array}{cccccc}
\text{O} & \text{O} & \text{O} & \text{O} & \text{O} & \text{O} \\
(a) & (b) & (c) & (d) & (e) \\
\end{array}
\]

II. (a) Spring; (b) Winter; (c) Rain; (d) Autumn (e) Summer

You may see that ‘Rain’ is the word which does not belong to the group. Hence this is the correct answer. The circle under ‘e’ is therefore marked with an ‘x’ to indicate your choice. The given 20 problems can be answered in the same manner. Turn to the reverse side of the answer sheet to see how the correct answers to this sub test are to be entered for illustrative items (I) and (II).

Proceed to answer item 1 to 20 when the teacher says “start”

[Turn the page only when you are asked to ]
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>(a) Iron</td>
<td>b. Nail</td>
<td>c. Copper</td>
<td>d. Brass</td>
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<tr>
<td>6.</td>
<td>a. Worm</td>
<td>b. Lizard</td>
<td>c. Snake</td>
<td>d. Rat</td>
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<tr>
<td>17.</td>
<td>a. Oak</td>
<td>b. Teak</td>
<td>c. Lotus</td>
<td>d. Tamarind</td>
</tr>
</tbody>
</table>
SUBTEST III

A set of numbers are given in this sub test. One number in the test is missing. All the numbers in a problem are connected to each other according to a certain law. Examine the given numbers in a problem and find out the law which they follow. Using this you have to guess the missing number in the set, which can be found out using the same principle. Select the correct answer from the given four answers. Put an ‘x’ mark in the circle below the letter indicating the correct answer. Examine the following problems.

(I). 1, 4, 7, ..., 13, 16.

Answers: [(a) 11; (b) 10; (c) 9; (d) 12]

You may notice that every number in the set can be found out by adding three to the previous number in the set. Hence the missing number in this item can be found by adding three to the previous term viz. 7. Hence the correct answer is 10. The circle below ‘b’ is therefore marked with an ‘x’ to show that this is the correct answer.

(II). \(\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{5}, \ldots\)

Answers: [(a) \(\frac{5}{6}\); (b) \(\frac{6}{7}\); (c) \(\frac{5}{4}\); (d) \(\frac{1}{2}\)]

You can see that ‘a’ is the correct answer. The circle under ‘a’ is marked in the specimen answer sheet to show that this is the correct answer. Turn to the reverse side of the answer sheet to see how the correct answers to this sub test are to be entered, illustrative example given as (I) and (II).
1. 4, 7, 5, 8, 6, \(\ldots\) \[\text{[a]} \ 9 \quad \text{[b]} \ 3 \quad \text{[c]} \ 4 \quad \text{[d]} \ 7 \] 

2. 3, 5, 8, 12, \(\ldots\) , 23 \[\text{[a]} \ 17 \quad \text{[b]} \ 20 \quad \text{[c]} \ 16 \quad \text{[d]} \ 19 \] 

3. \(\frac{1}{2}, \frac{3}{4}, \frac{5}{8}\), \(\ldots\) , \(\frac{9}{32}\) \[\text{[a]} \ \frac{6}{11} \quad \text{[b]} \ \frac{7}{12} \quad \text{[c]} \ \frac{8}{15} \quad \text{[d]} \ \frac{7}{16} \] 

4. \(\frac{1}{3}, \frac{3}{6}, \frac{4}{12}, \frac{8}{24}\), \(\ldots\) \[\text{[a]} \ \frac{16}{48} \quad \text{[b]} \ \frac{16}{32} \quad \text{[c]} \ \frac{12}{48} \quad \text{[d]} \ \frac{12}{36} \] 

5. 18, 21, 25, 30, 36, \(\ldots\) \[\text{[a]} \ 39 \quad \text{[b]} \ 40 \quad \text{[c]} \ 43 \quad \text{[d]} \ 44 \] 

6. 12, 17, 13, 19, 14, \(\ldots\) \[\text{[a]} \ 10 \quad \text{[b]} \ 9 \quad \text{[c]} \ 16 \quad \text{[d]} \ 21 \] 

7. \(\frac{2}{3}, \frac{3}{4}\), \(\ldots\) , \(\frac{4}{5}, \frac{5}{6}, \frac{5}{7}\) \[\text{[a]} \ \frac{3}{4} \quad \text{[b]} \ \frac{2}{3} \quad \text{[c]} \ \frac{5}{4} \quad \text{[d]} \ \frac{3}{4} \] 

8. \(\frac{1}{6}, \frac{2}{5}, \frac{3}{4}\), \(\ldots\) , \(\frac{5}{2}\) \[\text{[a]} \ \frac{2}{4} \quad \text{[b]} \ \frac{2}{3} \quad \text{[c]} \ \frac{4}{2} \quad \text{[d]} \ \frac{4}{3} \] 

9. 65, 63, 60, 56, 51, \(\ldots\) \[\text{[a]} \ 44 \quad \text{[b]} \ 45 \quad \text{[c]} \ 46 \quad \text{[d]} \ 47 \] 

10. 12500, 2500, \(\ldots\) , 100, 20, 4, \(\ldots\) \[\text{[a]} \ 500 \quad \text{[b]} \ 250 \quad \text{[c]} \ 200 \quad \text{[d]} \ 50 \] 

11. 5, 3, 6, 4, 7, \(\ldots\) \[\text{[a]} \ 10 \quad \text{[b]} \ 9 \quad \text{[c]} \ 8 \quad \text{[d]} \ 5 \] 

12. 21, 17, 20, 16, 19, \(\ldots\) \[\text{[a]} \ 15 \quad \text{[b]} \ 18 \quad \text{[c]} \ 22 \quad \text{[d]} \ 23 \] 

13. 5, 6, 8, 11, \(\ldots\) , 20, \(\ldots\) \[\text{[a]} \ 14 \quad \text{[b]} \ 15 \quad \text{[c]} \ 16 \quad \text{[d]} \ 17 \] 

14. 55, 53, 50, 46, 41, \(\ldots\) \[\text{[a]} \ 37 \quad \text{[b]} \ 33 \quad \text{[c]} \ 36 \quad \text{[d]} \ 35 \] 

15. 0, 2, 6, 12, \(\ldots\) , 30 \[\text{[a]} \ 18 \quad \text{[b]} \ 19 \quad \text{[c]} \ 20 \quad \text{[d]} \ 24 \] 

16. 3, 7, 15, 31, \(\ldots\) , 127 \[\text{[a]} \ 63 \quad \text{[b]} \ 96 \quad \text{[c]} \ 35 \quad \text{[d]} \ 123 \] 

17. 81, 27, 9, 3, 1, \(\ldots\) \[\text{[a]} \ \frac{1}{2} \quad \text{[b]} \ \frac{1}{3} \quad \text{[c]} \ \frac{1}{6} \quad \text{[d]} \ 0 \] 

18. 68, 66, 62, 54, 38, \(\ldots\) \[\text{[a]} \ 32 \quad \text{[b]} \ 16 \quad \text{[c]} \ 12 \quad \text{[d]} \ 6 \] 

19. 147, 74, 158, 85, 169, \(\ldots\) \[\text{[a]} \ 96 \quad \text{[b]} \ 69 \quad \text{[c]} \ 61 \quad \text{[d]} \ 16 \] 

20. 38, 11, 33, 6, 28, \(\ldots\) \[\text{[a]} \ 23 \quad \text{[b]} \ 22 \quad \text{[c]} \ 3 \quad \text{[d]} \ 1 \] 

[Turn the page only when you are asked to]
**SUBTEST IV**

In this test there are nine cells arranged in three rows (and three columns). Eight of these cells are filled with letters of the English alphabet. The bottom right-hand cell is empty. You have to find out the letter or letters which will complete the design. Put an ‘x’ mark in the circle below the letter indicating the correct answer. You can do this by examining the pattern of letters in the first two rows and apply the same relation to find out the group of letters which is to be substituted in the empty cell. The following two examples will illustrate how you have to do this.

(I).  

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<td>B</td>
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<tr>
<td>C</td>
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Answers: (a) B; (b) D; (c) A; (d) C

We know that the first row is formed by letter ‘A’ in each cell. This is true of the second row which is formed by letter ‘B’. The letter which appeared in the third row (first two cells) is ‘C’. The empty cell has to be completed with ‘C’ if the principle adopted in the first rows is to be adopted for completing the third row. Hence the correct answer (C) in this case is indicated as (d) in the four answers given. The correct answer is shown by an ‘x’ mark under. Letters in the first two rows are the same. Using this relation for the third row the empty cell can be completed by letter ‘c’. So the correct answer is ‘c’. This has been marked in the specimen answer sheet. Now proceed to the next problem.

(II).  

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<td>D</td>
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<tr>
<td>I</td>
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</table>

Answers: (a) G (b) C (c) A (d) F

Here ‘G’ is the correct answer. The circle under ‘a’ is therefore marked in the answer sheet.

Proceed to answer item 1 to 20 when the teacher says “start”
<table>
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**Notes:**
- G; (b) I; (c) N; (d) K
- (a) F; (b) J; (c) I; (d) K
- (a) HI; (b) DF; (c) AB; (d) GI
- (a) AP; (b) CQ; (c) CA; (d) BR
- EF; (b) GH; (c) FE (d) AB
- (a) I; (b) M; (c) N; (d) E (a) IL; (b) GH; (c) I K; (d) JL
- (a) QR; (b) OP; (c) PQP; (d) PQ
APPENDIX VII
KERALA UNIVERSITY GROUP TEST OF INTELLIGENCE FOR ADULTS
RESPONSE SHEET

<table>
<thead>
<tr>
<th>SUB TEST 1</th>
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<th>SUB TEST 4</th>
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APPENDIX VIII

KERALA UNIVERSITY GROUP TEST OF INTELLIGENCE FOR ADULTS

SCORING KEY

<table>
<thead>
<tr>
<th>SUBTEST I</th>
<th>SUBTEST II</th>
<th>SUBTEST III</th>
<th>SUBTEST IV</th>
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<td>1. a</td>
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<td>3. c</td>
<td>3. d</td>
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<td>5. e</td>
<td>5. c</td>
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<td>6. e</td>
<td>6. d</td>
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<td>7. c</td>
<td>7. c</td>
<td>7. c</td>
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<td>8. a</td>
<td>8. c</td>
<td>8. a</td>
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<td>15. b</td>
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APPENDIX - IX
GENERAL DATA SHEET
FOR COLLECTING GENERAL AND DEMOGRAPHIC INFORMATION
TO BE USED FOR
ESTIMATING SOCIO-ECONOMIC STATUS AND FOR OTHER PURPOSE

Instructions
Read the questions carefully and mark the answers in the proper place put a (√) mark to indicate the correct answer.

1. Name : 
2. Boy/Girl : 
3. Age : 
4. Class : Village/Town
5. Name of School : Panchayat/Municipioality
6. Place : Village/Town

Details about the family in columns 1 to 7 given below are about educational status. Mark (√) in the appropriate column. Fill up the remaining part (Ask your parents for information, if necessary)

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<th>Members</th>
<th>Illiterate</th>
<th>Std I to IV</th>
<th>Std V to VII</th>
<th>Std VIII to X</th>
<th>Preuty Pre Degree</th>
<th>T.T.C</th>
<th>BA, BSc</th>
<th>BCom, BEd</th>
<th>Engg. Diploma</th>
<th>etc</th>
<th>MA</th>
<th>MSc</th>
<th>MEd</th>
<th>BE</th>
<th>MBBS</th>
<th>Phd</th>
<th>etc</th>
<th>Occupation</th>
<th>Agriculture</th>
<th>Business/ Industry</th>
<th>If employed</th>
<th>name of the job</th>
<th>Monthly income</th>
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